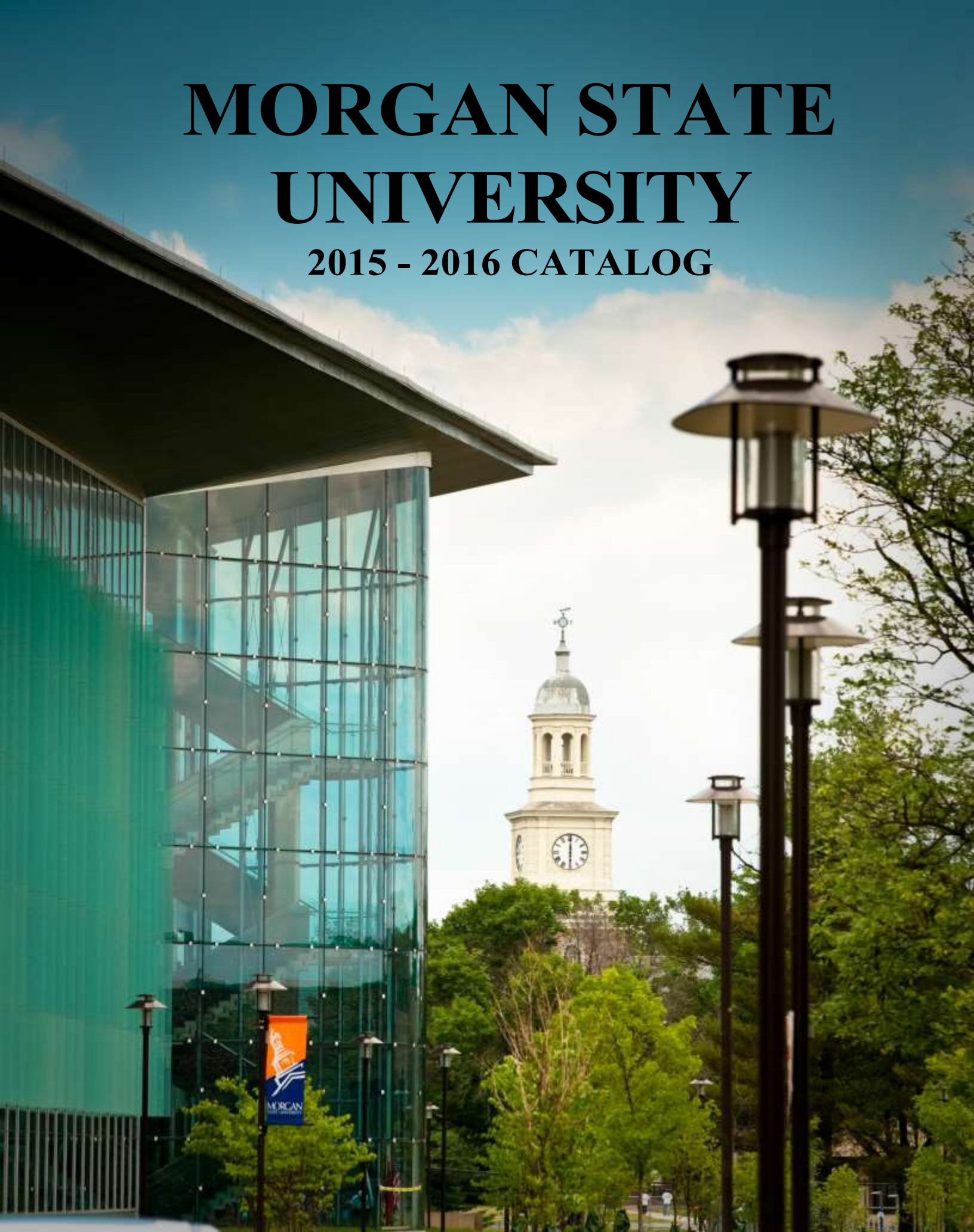
MORGAN STATE UNIVERSITY

2015 - 2016 CATALOG



PROVISIONS OF THIS PUBLICATION ARE NOT TO BE REGARDED AS A CONTRACT BETWEEN THE STUDENT AND MORGAN STATE UNIVERSITY.

CHANGES ARE EFFECTED FROM TIME TO TIME IN THE GENERAL REG- ULATIONS AND IN THE ACADEMIC REQUIREMENTS. THERE ARE ESTAB- LISHED PROCEDURES FOR MAKING CHANGES, PROCEDURES WHICH PROTECT THE INSTITUTION'S INTEGRITY AND WELFARE. A CURRICULUM OR GRADUATION REQUIREMENT, WHEN ALTERED, IS NOT MADE RETROACT- IVE UNLESS THE ALTERATION CAN BE ACCOMMODATED WITHIN THE SPAN OF YEARS REQUIRED FOR GRADUATION. ADDITIONALLY, BECAUSE OF SPACE LIMITATIONS IN LIMITED ENROLLMENT PROGRAMS, MORGAN STATE UNIVERSITY MAY NOT BE ABLE TO OFFER ADMISSION TO ALL QUALIFIED STUDENTS APPLYING TO THESE PROGRAMS AND/OR CLASS SECTIONS.

MORGAN STATE UNIVERSITY

AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY POLICY STATEMENT

It is the policy of Morgan State University that all employees and students should be able to enjoy and work in an educational environment free from discrimination. Discrimination against any person or group of persons on the basis of race, color, national origin, religion, sex, sexual orientation, age, marital status or disability is prohibited by this Policy. Any employee, student, student organization, or person privileged to work or study at Morgan State University who violates this policy will be subject to disciplinary action up to and including permanent exclusion from the University.

Discrimination includes conduct (oral, written, graphic, or physical) directed against any person or group of persons because of race, color, national origin, religion, sex, sexual orientation, age, marital status or disability and that has the purpose or reasonably foreseeable effect of creating an offensive, demeaning, intimidating, or hostile environment for that person or group of persons.

The scholarly, educational, or artistic content of any written, oral, or other presentation or inquiry shall not be limited by this Policy. It is the intent of this paragraph that academic freedom be allowed to all members of the academic community. Accordingly, this provision shall be liberally construed but shall not be used as a pretextual basis for violation of this Policy.

Information on the implementation of this policy and/or the statutes referenced should be addressed to the Director, Office of Diversity & Equal Employment Opportunity, Morgan State University, 104 Truth Hall, Baltimore, Maryland 21251. The telephone number is (443) 885-3559.

*The University is required by federal regulations to collect admissions and enrollment information by racial, ethnic and sex categories. The use of this information is for reporting purposes only, and is not used to determine eligibility for admission. The provision of this information is voluntary.

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Morgan State University holds the following:
Accreditations and Certifications

AACSB International - The Association to Advance Collegiate Schools of Business
Accrediation Council for Education in Nutrition and Dietetics
Accreditation Board for Engineering and Technology (ABET)
American Chemical Society
American Institute of CPAs
American Society of Women Accountants
Canadian Institute of Actuaries
Casualty Actuarial Society
Commission on Accreditation for Dietetics Education (CADE)
Council on Education in Public Health
Council on Social Work Education
Financial Executive Institute
Landscape Architecture Accreditation Board
Maryland Association of CPAs
Maryland Society of Accountants
Maryland State Department of Education (MSDE)
Middle States Association of Colleges and Secondary Schools Middle
States Commission on Higher Education
National Accreditation Agency for Clinical Laboratory Services (Medical Technology)
National Architectural Accreditation Board (NAAB)
National Association of Schools of Music
National Council for Accreditation of Teacher Education (NCATE)
Planning Accrediatation Board (PAB)
Society of Actuaries
The American Planning Accreditation Board World
Trade Center Institute

Memberships

Advancing Minorities' Interest in Engineering (AMIE)
American Association of Collegiate Registrars and Admissions Officeers (AACRAO)
American Association of Colleges for Teacher Education (AACTE)
American Association of Engineering Societies (AAES)
American Public Transit Association
American Society for Engineering Education
Army Alliance at Aberdeen Proving Grounds Association for
Continuing Higher Education (ACHE)
Association of Collegiate School of Architecture (ACSA)
Association of Collegiate Schools of Planning (ACSP)
Beta Alpha Psi
Association of Schools of Public Health
Community Campus Partnerships in Health
Conference of Minority Transportation Officials
Council of Educators in Landscape Architecture (CELA)
Council of Great City Schools
Council of Graduate Schools
Council of Historically Black Graduate Schools
Council of Southern Graduate Schools
Council of University Transportation Officials
Financial Management Association
Fort Meade Alliance
International Association of Black Actuaries
Maryland Association of Colleges for Teacher Education (MACTE)
National Association of Black Accountants (NABA)
National Association of Graduate Admission Professionals (NAGAP)

NAFSA: Association of International Educators
National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCChE)
North American Association of Summer Sessions (NAASS)
Project Management Institute(PMI)
Transportation Research Board
University Continuing Education Association (UCEA)

MORGAN STATE UNIVERSITY DIRECTORY

*From off-campus numbers, dial area code (443) then 885-(ext. #). Unless otherwise noted, all MSU telephone numbers begin 443.885.XXXX.

DEPARTMENT	LOCATION	EXT.#
Academic Computer	322 Calloway	3512
Academic Affairs	300 Truth	3350
Academic Outreach & Engagement	206 McKeldin	4686
Accounting and Finance	613 McMechen	3445
Accounts Payable	217-A Montebello	3057
Ace Department	200 Banneker Hall	4498
Admissions	109 D Montebello	3000 or (800)332-6674
Alumni Relations	The Alumni House	3015
Art Department	309 Murphy	3020
Art Gallery	242 Murphy	3030
Athletic Department	Hill Field House	3050
Baldwin Hall		6004
Baltimore Urban Systemic Inst.	108 C Montebello	3304
Base Station (Police Dept.)	W.S.C. - Room 316	3103
Bear Necessity	Main Lobby Montebello	4045
Biology	G12 Spencer	3070
Blackboard.com	voice mail message	3374
Blount Towers		6001
Board of Regents	400 Truth	3086
Bookstore	New Student Ctr	3075
Budget & Planning	111 Truth	3551
Budget Office	111 Truth	3587
Bursar Office	124 A Montebello	3108
Business Administration	634 McMechen	3285
Business & Auxillary	201 D Montebello	3065
Business & Management	635 McMechen	3160
Canteen	1st Fl. New Student Ctr	3327
Career Development	223 C Montebello	3110
Carpenter	W.S.C. Yard	3188
Cashier	124 A Montebello	3673
Center for Academic Success and Achievement (CASA)	107 New Communication Ctr.	3380
Center for Excellence	101 Banneker	3134
Center for Global Studies	210 D Montebello	4027

Center for Health Disparities	1103 E. Cold Spring Lane Portage Building	4530
Center for Museums	101C Montebello	3422
Chemistry	318 Spencer	3115
Christian Center	Christian Center	443-885-5105
Civil Engineering	101 CBEIS	3098, 3903
College of Liberal Arts	231 Holmes	3090
Community College Leadership Doctoral Program	200 Banneker	1906
Community Service	209C Montebello	4328
Communication Media	304 B Banneker	3500
Computer Lab	304 Calloway	3962
Engineering - Specialized Lab	*Clarence Mitchell Bldg.*	*3231*
English Lab	*G 02 Holmes Hall*	*3644*
Foreign Language Lab	*G 03 Holmes Hall*	*3644*
Graduate/Cartography Lab	*G 14 Holmes Hall*	*3644*
Mathematics	*Carnegie Hall*	
Computer Science	205 Calloway	3962
Comptroller	212-A Montebello	3045
Continuing Studies	308 McKeldin Ctr	3155
C - Store	Blount Towers	3759
Counseling Center	202 C.G.W.	3130
Cummings House		6005
Dept. of Advanced Studies, Leadership & Policy	200 Banneker	3382
Design & Constr. Mgt.	312 D Montebello	3919
Development Office	201 Truth	3080
Digital Media Center	209 New Communications Ctr	4344
Economics	311 Holmes Hall	3438
Educational Talent Search Program	321 D Montebello	3069
Education/Urban Studies	301 Banneker	3385
Electrical Engineering	119 MEB	3073
Engineering	118 MEB	3231
English	202 Holmes Hall	3165
Enrollment Management Services	226 C Montebello	3042

Entrepreneurial Development	102 McMechen	3261
Equal Opportunity Office	103 Truth	3559
Estuarine Research Center	10545 Mackall Road, St. Leonard, MD	410-586-9700
Executive Assistant to the President	411 Truth	3035
Family and Consumer Sciences	403 Jenkins	3355
Finance & Management	307 Truth	3144
Financial Aid	226 A Montebello	3170
Fine Arts	214 Murphy	4336
Food Service	Rawlings	3597
Foundation	201 Truth	3040
Fulbright Program	102 C Montebello	3097
General Counsel	409 Truth	3220
Government Relations	202 Truth	3938
Graduate Studies	310 McKeldin Ctr.	3185
Grounds	W.S.C.	3049
Harper/Tubman	Front Desk	6006
Head Start Program	Northwood	410-264-1653
Health & Physical Education	208 Hurt Gym	3210
Health Services-Student	Infirmary	3236
Heating Plant	W.S.C.	3398
Helen Roberts Room	4th floor Spencer	3860
HELP Desk- Computing & Telephone Service		4357
History	326 Holmes Hall	3190
Honors Program	101 Jenkins	3429
Housekeeping	Lower Level - Montebello	3399
Human Resources	100 C.G.W.	3195
Industrial Engineering	224 MEB	3129
Information Technology Dept.	301 C.G.W.	3125
Information Systems	507 McMechen	3443
Inst. for Urban Research	216-D Montebello	3004
Inst. Advancement	208 Truth	3535
Institutional Research	105 C.G.W	3372
Internal Audit	244 C.G.W.	3091
Kuumba	209C Montebello	4328

Earl S. Richardson Library		3477
Circulation Dept.	Main Lobby Library	*3477*
Computer Lab	117 Library	*3849*
Government Documents	133A Library	*3642*
Micro Media Room	221 Library	*3834*
Reference Dept.	Main Lobby Library	*3450*
Davis Room	323 Library	*3458*
Loan Department	226 A Montebello	3637
Mathematics	251 Carnegie	3964
Medical Technology	G67 Key Hall	3611
Military Science/ROTC	115 Turner's Armory	3263
Montebello (Front Desk Security)	Montebello	3824
Motor Pool	Turner's Armory	3600
Music Department	329 Murphy	4336
National Direct Student Loan	109 A Montebello	3010
National Transportation Ctr.	327 CBEIS	3666
Nursing Program	308 Jenkins	4144
O'Connell Hall		6003
Office of International Services	210 D Montebello	3038
Payroll	210 A Montebello	3026
Philosophy & Religious Studies	309 Holmes Hall	3436
Physical Plant	301 W.S.C.	3177
Physics	G22 Calloway	3226
Planning & Information Technology	105 C.G.W.	3372
Police & Public Safety	300 W.S.C.	3100
Political Science	G05 Holmes Hall	3277
Post Office	07 C Montebello	3234/ 2036
President's Office	400 Truth	3200
Procurement/Property Control	102 W.S.C.	3074
Professional Dev. Ctr.	211 Banneker	3409
Promethean - Yearbook	234 New Communications Ctr	3464
Property Control	WSC - Loading Dock	3114
Psychology	408 Jenkins	3290
Public Relations	109 Truth	3022
Purchasing Card & Travel Administration	115C Montebello	4566
Rawlings Hall		6000

Research & Economic Development	102 Mitchell	4630
Records & Registration	112 A- Montebello	3300
Residence Life	114 Tubman	3217
Restricted Funds	112 C- Montebello	3025
Robert M. Bell Ctr. for Civil Rights in Education	Earl S. Richardson Library	4564
School of Architecture & Planning	104 CBEIS	3225
School of Community Health & Policy	1103 E. Cold Spring Lane Portage Building	3238
School of Computer, Math. & Natural Sciences	200 Dixon Research Ctr.	4515
School of Global Journalism & Communication	328 New Communication Ctr.	3330
School of Social Work	334 Jenkins	3537
Sociology/Anthropology	439 Jenkins	3518
Special Events	306 University Student Ctr.	4368
Speech Communication	328 New Communication Ctr.	3330
Spokesman	234 New Communication Ctr.	3464
Sponsored Programs	303 D- Montebello	3447
Sports Information	123 Hill Field House	3831
Student Activities	300 New Student Center	3470
Student Affairs	205 Truth	3527
Student Government Assoc.	203 New Student Ctr.	3454
Student Retention	318 McKeldin Ctr.	3651
Sweet Shop	University Student Center	1815
Teacher Education	211 Banneker	3409
Tele-Communication Services	07 C Montebello	3900
Theater Arts	214 Murphy	3625
Thurgood Marshall		6002
Title III Program Administration	214 D Montebello	
Transfer Center	325 D Montebello	3711
Transportation & Urb Infrastructure, Dept. of	102 CBEIS	3348
University Print Shop	Lower Level - Montebello	3063
University Student Center	303 University Student Ctr.	3120
Upward Bound	313 McKeldin Ctr	3448
Veteran's Affairs	117 A Montebello	3395
WEAA - FM	114 New Communications Ctr.	3564
Web Development Services	208 Truth	3369
Work Study	224 A Montebello	3141
Working Fund	216 A Montebello	3403
World Languages & International Studies	311 Holmes Hall	3094

MSU Academic Calendar 2015 -2016

FALL 2015	**Start Date**	**End Date**
Advance Registration	Monday, April 13, 2015	Friday, April 24, 2015
Add/Drop	Monday, April 13, 2015	Saturday, September 5, 2015
General Registration	Saturday, April 25, 2015	Sunday, August 23, 2015
Late Registration	Monday, August 24, 2015	Saturday, September 5, 2015
New Special Student Registration	Thursday, August 20, 2015	Saturday, September 5, 2015
Last Day to Cancel Fall 2015 Registration	Sunday, August 23, 2015	Sunday, August 23, 2015
First Day of Classes	Monday, August 24, 2015	
Last day to Register	Saturday, September 5, 2015	
Last Day to Add a Course	Saturday, September 5, 2015	
Last Day for Undergraduates to Drop w/o a Grade of "W"	Saturday, September 5, 2015	
Last Day for Graduates to Drop w/o a Grade of "W"	Saturday, September 5, 2015	
Last Day for Undergraduate & Graduate Student to Apply for Fall 2015 Graduation	Monday, September 28, 2015	
Mid-Semester Examinations	Monday, October 12, 2015	Saturday, October 17, 2015
Last Day to Drop a Class with a "W"		Friday, October 30, 2015
Thanksgiving Break	Thursday, November 26, 2015	Sunday, November 29, 2015
Last Day to Withdraw from MSU for Fall 2015	Tuesday, December 8, 2015	
Last Day of Classes	Tuesday, December 8, 2015	
Study Day	Wednesday, December 9, 2015	
Final Exams	Thursday, December 10, 2015	Wednesday, December 16, 2015
FALL 2015 COMMENCEMENT		Friday, December 18, 2015

Fall University Convocations

***All university convocations are scheduled during University Hour**

Matriculation Convocation	Thursday, September 10, 2015
Performing Arts Convocation	Thursday, October 8, 2015
Founders Day Convocation	Thursday, November 12, 2015
Bill of Rights/TransAfrica Day Convocation	Thursday, December 3, 2015

Winter 2016	**Start Date**	**End Date**
First Day of Classes	Monday, January 4, 2016	
Late Registration	Monday, January 4, 2016	Tuesday, January 5, 2016
Last Day to Add a Course	Tuesday, January 5, 2016	
Last Day to Drop a Class with a "W"	Friday, January 8, 2016	
Last Day of Classes	Wednesday, January 20, 2016	
Final Exams	Thursday, January 21, 2016	

Spring 2016	**Start Date**	**End Date**
Advance Registration	Monday, November 9, 2015	Friday, November 20, 2015
Add/Drop	Monday, November 9, 2015	Saturday, February 6, 2016
General Registration	Saturday, November 21, 2015	Sunday, January 24, 2016
New Special Student Registration	Monday, January 18, 2016	Saturday, February 6, 2016
Last Day to Cancel Spring 2016 Registration	Sunday, January 24, 2016	Sunday, January 24, 2016
First Day of Classes	Monday, January 25, 2016	
Late Registration	Monday, January 25, 2016	Saturday, February 6, 2016
Last day to Register	Saturday, February 6, 2016	
Last Day to Add a Course	Saturday, February 6, 2016	
Last Day for Undergraduates to Drop w/o a Grade of "W"	Saturday, February 6, 2016	
Last Day for Graduates to Drop w/o a Grade of "W"	Saturday, February 6, 2016	
Mid-Semester Examinations	Monday, March 14, 2016	Saturday, March 19, 2016
Spring Break	Monday, March 21, 2016	Friday, March 25, 2016
Last Day to Drop a Class with a "W"	Friday, March 25, 2016	
Last Day to Withdraw from MSU for Spring 2016	Wednesday, May 11, 2016	
Last Day of Classes	Wednesday, May 11, 2016	
Study Day	Thursday, May 12, 2016	
Final Exams	Friday, May 13, 2016	Thursday, May 19, 2016
Spring 2016 COMMENCEMENT		Saturday, May 21, 2016

Spring University Convocations	***All university convocations are scheduled during University Hour**	**Start Date**	**End Date**
Mitchell - Quarles Convocation		Thursday, February 4, 2016	
Fredrick Douglass Convocation		Thursday, February 11, 2016	
Martin Luther King/Malcolm X Convocation		Thursday, February 18, 2016	
Women's History Month Convocation		Thursday, March 10, 2016	
Honors Convocation		Thursday, April 7, 2016	
Summer Session I			
General Registration		Monday, March 21, 2016	Monday, May 30, 2016
First Day of Classes		Tuesday, May 31, 2016	
Late Registration		Tuesday, May 31, 2016	Thursday, June 2, 2016
Last Day to Add a Course		Thursday, June 2, 2016	
Last Day to Drop a Class with a "W"		Monday, June 6, 2016	
Last Day of Classes		Thursday, June 30, 2016	
Final Exams		Friday, July 1, 2016	
Summer Session II			
General Registration		Monday, March 21, 2016	Friday, June 24, 2016
First Day of Classes		Monday, July 11, 2016	
Late Registration		Tuesday, July 12, 2016	Thursday, July 14, 2016
Last Day to Add a Course		Thursday, July 14, 2016	
Last Day to Drop a Class with a "W"		Wednesday, July 22, 2015	
Last Day of Classes		Friday, August 12, 2016	
Final Exams		Monday, August 15, 2016	
Summer Session I Ends		Wednesday, August 17, 2016	

Vision, Mission, and Core Values of Morgan State University

Approved August 2, 2011

Morgan State University's vision and mission statements as well as its core institutional values are consistent with the University's Carnegie Foundation classification as a doctoral research university and are intended to direct Morgan's strategic growth over the next decade.

Vision Statement

Morgan State University is the premier public urban research university in Maryland, known for its excellence in teaching, intensive research, effective public service and community engagement. Morgan prepares diverse and competitive graduates for success in a global, interdependent society.

Mission Statement

Morgan State University serves the community, region, state, nation, and world as an intellectual and creative resource by supporting, empowering and preparing high-quality, diverse graduates to lead the world. The University offers innovative, inclusive, and distinctive educational experiences to a broad cross section of the population in a comprehensive range of disciplines at the baccalaureate, master's, doctoral, and professional degree levels. Through collaborative pursuits, scholarly research, creative endeavors, and dedicated public service, the University gives significant priority to addressing societal problems, particularly those prevalent in urban communities.

Core Values

The following institutional core values guide the promotion of student learning and success, faculty scholarship and research, and community engagement at Morgan:

Excellence. Excellence in teaching, research, scholarship, creative endeavors, student services, and in all aspects of the University's operations is continuously pursued at Morgan to ensure institutional effectiveness and efficiency.

Integrity. At Morgan, honest communications, ethical behavior, and accountability for words and deeds are expected from all members of the University community.

Respect. Each person at Morgan is to be treated with respect and dignity and is to be treated equitably in all situations.

Diversity. A broad diversity of people and ideas are welcomed and supported at Morgan as essential to quality education in a global interdependent society. Students will have reasonable and affordable access to a comprehensive range of high quality educational programs and services.

Innovation. Morgan encourages and supports its faculty, staff, and students in all forms of scholarship including the discovery and application of knowledge in teaching and learning and in developing innovative products and processes.

Leadership. Morgan seeks to provide rigorous academic curricula and challenging co-curricular opportunities to promote the development of leadership qualities in students and to facilitate leadership development among faculty, staff, and students.

STUDENTS' RIGHT TO KNOW

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act of 1974 (FERPA), also known as the Buckley Amendment, gives students the right to: (1) inspect and review their educational records; (2) consent to release educational records to a third party; (3) challenge information included in the educational records; and (4) be notified of their rights under FERPA. It is the policy of Morgan State University to comply with the terms and conditions of FERPA.

Inspection and Review of Educational Records

FERPA requires that a college or University have procedures for allowing students to inspect and review their educational records. With certain important exceptions, the term "educational record" means any record (in handwriting, print, tapes, film, computer, or other medium) directly related to a student and maintained by the University. Among the information that may be compiled on a student, but is not defined as an educational record under FERPA are personal records kept by faculty members and/or University officials for their own use; records made by a physician, psychiatrist, psychologist, or other recognized professional or paraprofessional used in connection with the treatment of the student; the records compiled and maintained by campus security for the purpose of law enforcement; certain employment records; and certain alumni records. Students do not have the right to inspect and review the financial statement of the students' parents; letters of recommendation for which the student waived his or her right of access; records maintained before January 1,1975; records related to an application to the University where the applicant was denied admission; and/or any other information excluded from FERPA's definition of educational record. Students may inspect and review their educational records upon written request to the Registrar in the Office of Records and Registration. The Registrar will direct the written request to the appropriate records custodian and within a reasonable period of time, but in no case longer than 45 days, the appropriate records custodian will provide the student with an opportunity to inspect and review the requested records, so long as the requested records are covered by and are not exempted under FERPA. The University may charge a fee for copying and is under no obligation to certify every record requested by or copied for a student.

Consent to Release Records

Morgan State University will disclose information from a student's educational record only with the written consent of the student. Except that a student's educational record may, even in the absence of the student's express written consent, be disclosed to parents of students who are "dependent" as defined by the Internal Revenue Code; to court or law enforcement officials in compliance with a judicial order or lawfully issued subpoena; to accrediting organizations; to appropriate parties in a health or safety emergency; to officials conducting studies for the University; federal, state, and local educational authorities who audit or regulate educational programs; officials of another school in which a student seeks to enroll; and University officials including faculty, administrators, staff, trustees, members of University judicial bodies, including students, who have a "legitimate educational interest" in the record. A University official has a legitimate educational interest if such official is performing a task related to the discipline of a student; performing a service or benefit relating to the student or the student's family; or the official is maintaining the safety and security of the campus. The University may also disclose the results of any disciplinary proceeding against an alleged perpetrator of a violent crime to the alleged victim of that crime.

Finally, the University may disclose without a student's consent certain "directory information" such as a student's name, photograph, parent's name, address, telephone number, date and place of birth, major field of study, dates of attendance, degrees and/or awards received, participation in officially recognized activities, height and weight of members of athletic teams, and most recent educational institution attended. A student who objects to the disclosure of "directory information" must provide annual written notice to the Registrar in the Office of Records and

Registration within three weeks of the first day of Fall semester classes not to disclose any or all of the categor- ies of directory information related to that student. There may be circumstances where students will want to grant an individual or organization access to their records. Frequent examples include employers, employment agencies, counselors, attorneys, and honorific societies. Requests for disclosure of educational records should be made in writing to the Registrar in the Office of Records and Registration.Within a reasonable period of time, but in no case longer than 45 days, the appropriate University official will disclose to the individual or organiz- ation identified by the student as having permission to review the requested records, so long as the requested records are covered and are not exempted under FERPA.The University may charge a fee for copying and is under no obligation to certify every record disclosed at the request of or on behalf of a student.

III. Correct Information in the Record

With the exception of grades, an instructor's procedure or judgment in awarding grades, students have the right to ask to have educational records corrected that they believe are inaccurate, misleading, or otherwise in violation of their privacy rights. Students at the University who wish to challenge information in their educational record that they believe is inaccurate, misleading, or in violation of their privacy rights must submit a written request to the Registrar in the Office of Records and Registration.The Registrar will direct the request to the University official responsible for the record in question. After reviewing the request within a reasonable period of time, the University will communicate to the student in writing a decision about whether the University will amend the record.

If the decision of the University is not to amend the record, a student has the right to appeal by writing to the Vice President for Academic Affairs (VPAA), requesting a hearing on the matter.The VPAA will notify the student in writing of the time, place, and date of the hearing. The hearing officer will be a University official appointed by the VPAA.The student shall have a full and fair opportunity to present evidence related to the matter and/ or educational record in question.Within a reasonable period of time following the hearing, the student will be notified in writing of the University's decision. If the University finds as result of evidence presented at the hearing that the educational record contains inaccurate, misleading information or that the record as presently constituted violates the privacy rights of the student, the University will amend the record. On the other hand, if the University decides after its review of the evidence presented at the hearing that the information in the student's record is not inaccurate, misleading, or in violation of privacy rights, the student has a right to include in his or her record a statement commenting on the challenged information and/or a statement setting forth reasons for disagreeing with the decision.The student's statement will be maintained as part of the educational record and shall be disclosed whenever the University discloses the contested portion of the record.

IV. Notice of Privacy Rights

The preceding review of rights and procedures is meant to inform students of the rights accorded to them by the Family Educational Rights and Privacy Act. Pursuant to §99.7 of the FERPA regulations, students at the University are provided with annual notification of their FERPA rights via the University website. For a full understanding of the terms, conditions, rights, and exceptions found in FERPA, students are encouraged to read the entire act which is found in 20 United States Code Annotated (USCA) §1232g et. seq. Students who believe that their rights under FERPA have been abridged by the University may file a written complaint with the Director, Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue S.W., Washington, DC 20202-5920.

Approved Board of Regents

May 3, 2011

POLICY ON STUDENT RESIDENCY CLASSIFICATION FOR ADMISSION AND TUITION PURPOSES

POLICY

Purpose

To extend the benefits of higher education while encouraging the economical use of the State's resources,[1] it is the policy of the Board of Regents of Morgan State University to recognize the tuition categories of in-state and out-of-state students for the purpose of admission and assessing tuition at the University.

Burden of Proof

The person seeking in-state status shall have the burden of proving by clear and convincing evidence that he or she satisfies the requirements and standards set forth in this Policy. Assignment of in-state or out-of-state status will be made upon a review of the totality of facts known or presented to it.

In-state Status

To qualify for in-state tuition, a student must demonstrate that, for at least twelve (12) consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks in-state tuition status, the student had the continuous intent to:

Make Maryland his or her permanent home; and

Abandon his or her former home state or domicile; and

Reside in Maryland indefinitely; and

Reside in Maryland primarily for a purpose other than that of attending an educational institution in Maryland.

Satisfying all of the requirements in Section II (and Section III, when applicable) of this policy demonstrates continuous intent and qualifies a student for in-state tuition.

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[1] Annotated Code of Maryland, Education Article, §14-101 and §14-104.

Students not entitled to in-state status under this policy shall be assigned out-of-state status for admission and tuition purposes.

Presumption

Either of the following circumstances raises a presumption that the student is residing in the State of Maryland primarily for the purpose of attending an educational institution and therefore, does not qualify for in-state status under this policy:

A student is attending school or living outside Maryland at the time of application for admission to the University, or

A student is Financially Dependent on a person who is not a resident of Maryland.

This presumption may be rebutted. The student bears the burden of rebutting the presumption. See "III. Rebuttal Evidence" below.

REQUIREMENTS

Before a request for classification to in-state status will be considered, a student must comply with all of the following requirements for a period of at least twelve (12) consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks in-state tuition status. The student must demonstrate he or she:

Owns or possesses, and has continuously occupied, including during weekends, breaks and vacations, living quarters in Maryland. The student must provide evidence of a genuine deed or lease and documentation of rent payments made. In lieu of a deed or lease, a notarized affidavit from a landlord showing the address, name of the student as occupant, term of residence, and history of rent payments made will be considered. As an alternative, a student may demonstrate that he or she shares living quarters in Maryland which are owned or rented and occupied by a parent, legal guardian or spouse.

Has substantially all of his or her personal property, such as household effects, furniture and pets in Maryland.

Has paid Maryland income tax on all taxable income including all taxable income earned outside the State and has filed a Maryland tax return.

Has registered all owned or leased motor vehicles in Maryland.

Possesses a valid Maryland driver's license, if licensed.

Is registered to vote in Maryland, if registered to vote.

Receives no public assistance from a state other than the State of Maryland or from a city, county or municipal agency other than one in Maryland.

Has a legal ability under Federal and Maryland law to live permanently without interruption in Maryland.

Has rebutted the presumption that he or she is in Maryland primarily to attend an educational institution, if the student's circumstances have raised the presumption.

REBUTTAL EVIDENCE

Satisfying the requirements listed in paragraphs A through I of Section II, does not rebut the presumption that a student is in Maryland primarily to attend an educational institution. To overcome the presumption, a student must present additional evidence.

To determine a student's intent, the University will evaluate evidence of a student's objectively verifiable conduct. Evidence that does not document a period of at least twelve (12) consecutive months immediately prior to and including the last date available to register for courses in the semester/term for which the student seeks
in-state tuition status is generally considered an unfavorable factor under this policy. Evidence of intent must be clear and convincing and will be evaluated not only by the amount presented but also based upon the reliability, authenticity, credibility and relevance of the evidence.

The absence of objective, relevant evidence is generally considered an unfavorable factor. A student's statement of intent to remain in Maryland in the future is generally not considered to be objective evidence under this policy.

Additional evidence that will be considered includes, but is not limited to, the following:

Source of financial support:

Maryland employment and earnings history through sources beyond those incident to enrollment as a student in an educational institution e.g., beyond support provided by work study, scholarships, grants, stipends, aid, student loans, etc. (Tuition costs will be considered as a student expense only to the extent tuition exceeds the amount of any educational scholarships, grants, student loans, etc.), or

Evidence the student is Financially Dependent upon a person who is a resident of Maryland.

Substantial participation as a member of a professional, social, community, civic, political, athletic or religious organization in Maryland, including professionally related school activities that demonstrate a commitment to the student's community or to the State of Maryland.

Registration as a Maryland resident with the Selective Service, if male.

Evidence showing the student uses his or her Maryland address as his or her sole address of record for all purposes including on health and auto insurance records, bank accounts, tax records, loan and scholarship records, school records, military records, leases, etc.

An affidavit from a person unrelated to the student that provides objective, relevant evidence of a student's conduct demonstrating the student's intent to live permanently in Maryland.

NON-RESIDENTS WHO MAY TEMPORARILY QUALIFY FOR IN-STATE STATUS In addition, persons with the following status shall be accorded the benefits of in-state status for the period in which they hold such status:

A full-time or part-time (at least 50 percent time) regular employee of the University.

The spouse or Financially Dependent child of a full-time or part-time (at least 50 percent time) regular employee of the University.

An active duty member of the Armed Forces of the United States whose home of residency is Maryland or one who resides in, or is stationed in, or is domiciled in Maryland, or the spouse or a Financially Dependent child of such a person. Students that qualify under this provision will retain in-state status for tuition purposes as long as they are Continuously Enrolled regardless of a change in military assignment or status of the active member of the military.

A veteran of the United States Armed Forces who presents documentation that he or she was honorably discharged,and currently resides, or is domiciled,in the State.

A graduate assistant appointed at the University for the semester/term of the appointment.

An active duty member of the Maryland National Guard (MNG) who is stationed, resides or is domiciled Maryland who joined or subsequently serves in the MNG to provide a Critical Military Occupational Skill or to be a member of the Air Force Critical Specialty Code as determined by the MNG. A “member” of the MNG is defined as one who is regularly enlisted or holds a commission in the MNG as an officer in the grade of major or below or a warrant officer. This section F of the Policy shall be effective as of July 1, 2009.

A spouse or financially dependent child shall continue to be exempt from paying nonresident tuition if the active duty member no longer meets the requirements of this section IV of this Policy and the spouse or financially dependent child remains continuously enrolled at Morgan State University.

The son or daughter of a State or Maryland county public safety employee who is eligible for a scholarship in accordance with §18-601(d)(3)(iii) of the Education Article of the Annotated Code of Maryland which provides for a scholarship for the offspring of a public safety employee killed in the line of duty.

Effective July 1, 2011, an undocumented immigrant individual (not including non- immigrant aliens within the meaning of §1101(A)(15) of the Aliens and Nationality Title of the United States Code) is eligible to pay a tuition rate equivalent to the resident tuition rate at the University, if the individual:

Has attended a community college not earlier than the 2010 fall semester and met the requirements of §15-106.8(B)(2011) of the Education Article of the Annotated Code of Maryland (except the requirement set forth in this section that provides that an individual must register as an entering student in a community college in the State not earlier than the 2011 Fall Semester);
Was awarded an associate's degree by, or achieved 60 credits at a community college in the State;
Provides the University with a copy of the affidavit that was submitted to the individual's community college which stated the individual will file an application to become a permanent resident within thirty (30) days after the individual became eligible to do so;
Provides to the University documentation that the individual or the individual's parent or legal guardian has filed a Maryland income tax return:
Annually while the individual attended community college in the State;
Annually during the period, if any, between graduation from or achieving 60 credits at a community college in the State, and registration at the University; and
Annually during the period of attendance at the University; and
Registers at the University not later than four (4) years after graduating from or achieving 60 credits at a community college in the state.

PROCEDURES

An initial determination of in-state status will be made at the time of admission. The determination made at that time, and any determination made thereafter, shall prevail for each semester/term until the determination is successfully challenged in a timely manner.

A change in status must be requested by submitting a "Petition for Change in Classification for Tuition Purposes". A student applying for a change to in-state status

must furnish all evidence that the student wishes the University to consider at the time the petition is due which is the last published date to register for the forthcoming semester/term for which the change in classification is sought.

The student shall notify the University in writing within fifteen (15) days of any change in circumstances which may alter in-state status.

In the event incomplete, false, or misleading information is presented, the University may, at its discretion, revoke in-state status and take disciplinary action provided for by the University's policies. Such action may include suspension or expulsion. If in-state status is gained due to false or misleading information, the University reserves the right to retroactively assess all out-of-state charges for each semester/term affected.

The University shall develop and publish additional procedures to implement this Policy. Procedures shall provide that on request the President or designee has the authority to waive any requirement set forth in Section II if it is determined that the application of the requirements creates an unjust result.

DEFINITIONS

Financially Dependent: For the purposes of this policy, a financially dependent student is one who is claimed as a dependent for tax purposes.

Parent: A parent may be a natural parent, or, if established by a court order recognized under the law of the State of Maryland, an adoptive parent.

Guardian: A guardian is a person so appointed by a court order recognized under the law of the State of Maryland.

Spouse: A spouse is a partner in a legally contracted marriage.

Child: A child is a natural child or a child legally adopted pursuant to a court order recognized under the law of Maryland.

Regular Employee: A regular employee is a person employed by the University who is assigned to a State budget line or who is otherwise eligible to enroll in a State retirement system. Examples of categories NOT considered regular employees are graduate students, contingent employees, and independent contractors.

Continuous Enrollment:

Undergraduate Student - An undergraduate student who is enrolled at the University for consecutive fall and spring semesters, until completion of the student's current degree program or unless on an approved leave of absence or participating in an approved program off-campus.

Graduate and Professional - Continuous enrollment for a graduate or professional student is defined by the University in accordance with program requirement.

VI. IMPLEMENTATION

This policy as amended by the Board of Regents May 3, 2011 shall be applied to all student tuition classification decisions made after this date, unless stated otherwise in this policy.

PROCEDURES FOR STUDENT RESIDENCY CLASSIFICATION FOR ADMISSION, TUITION AND CHARGE-DIFFERENTIAL PURPOSES

General Guidelines

An initial determination of in-state status will be made by the University at the time a student's application for admission is under consideration. The determination made at that time, and any determination made thereafter, shall prevail for each subsequent semester until the determination is successfully challenged in a timely manner.

A student may request a re-evaluation of the student's residency status by filing an Application for Change in Residency Classification for Admission, Tuition and Charge-Differential Purposes (hereinafter referred to as "Application").

A STUDENT MUST MEET THE REQUIREMENTS FOR IN-STATE STATUS AND SUBMIT A COMPLETED APPLICATION (INCLUDING ALL DOCUMENTS REQUIRED THEREIN) BY THE LAST DAY OF LATE REGISTRATION FOR THE SEMESTER THE STUDENT WISHES TO ESTABLISH IN-STATE STATUS (HEREINAFTER REFERRED TO AS DEADLINE). NO CHANGE IN STATUS REQUESTED BY A STUDENT SHALL BE GIVEN RETROACTIVE EFFECT PRIOR TO THE SEMESTER FOR WHICH AN APPLICATION WAS FILED BY THE STUDENT. ONLY ONE APPLICATION PER SEMESTER MAY BE FILED BY A STUDENT.

A determination of in-state status is valid only if the student actually enrolls in the semester for which the student applied. Determinations which are made in cases where the student does not actually enroll are not valid for a subsequent semester.

It is the student's responsibility to demonstrate to the satisfaction of the University that the student meets all requirements of this Policy and that an instate classification is appropriate. The student applying for in-state status must furnish appropriate docu- mentation as required by the University. Within the sole discretion of the President or the President's designee's, upon the student's written request, a waiver of a residency requirement may be considered.

In the event that incomplete, inaccurate, false, and/or misleading information is presented, the University may at its discretion, revoke any subsequent

assignment of in-state status. In such cases, the student shall be required to pay all cost differentials between in-state and out-of-state status beginning with the semester for which in-state status was obtained. In the event instate status is assigned as a result of administrative or clerical error, the University may, at its discretion, revoke this assign- ment. In such cases, the student may be required to pay all cost differentials between instate and out-of-state status beginning with the semester for which in-state status was erroneously assigned.

During the time when requests for reclassification are being considered, fees and charges based on the previous out-of-state determination must be paid. The student is responsible for the payment of any late charges, severance fees, and collection charges assessed for the unpaid out-of-state differential during that time. If in-state status is granted, the out-of-state differential will be refunded for the semester in which a timely application was filed.

The student shall notify the University in writing within fifteen (15) days of any change of circumstances which may affect the student's residency status.

APPEALS

To the Vice President for Academic Affairs (VPAA) or designee - A student who has been denied in-state reclassification following the submission of an Application may request a personal interview with the VPAA or designee in order to present any and all evidence relevant to the student's residency classification, and to answer questions which may have been raised about the student's status. Such request must be in writing and
must be received by the University no later than fifteen (15) working days from the date which appears on the University's written denial of the Application

To the President or President's designee - If the decision of the VPAA is adverse to the student, a written appeal may be filed with the President or designee. Such written appeal must be received by the President or designee no later than fifteen
(15) working days from the date of the written adverse decision of the VPAA and should present any information upon which the appeal is based and of which the student would like the President or designee to be aware. The written appeal shall be considered by the President or designee which shall reach a decision in the case. Unless otherwise specifically requested by the President or designee, information and arguments not presented by the student to the Director of Records and Registration shall not thereafter be considered on appeal. It is the student's responsibility to provide complete and timely responses to requests for information by the University. Failure to do so may result in a denial of the appeal.

CAMPUS SECURITY

CURRENT FACILITIES

Current policies concerning security and access to campus facilities, including residential halls, and security considerations used in the maintenance of campus facilities:

Morgan State University is designated as Maryland's public urban university. As such, the university is situated on an open campus in the northeastern portion of Baltimore City. The university comprises approximately 158 acres and is impacted on its boundaries by surrounding residential communities and retail activities. The overall security program of the university is focused on providing police protection and security services to a population which includes approximately 7,000 students and 1,500 faculty members and other employees. Access to campus facilities and activities is accomplished by means of an identification card which is issued to each member of the community. This is the primary means of identifying community members on the campus and the display of the card on an outer garment is consistently encouraged and, upon request of an officer of the university, the identification card must be shown. Residential life facilities are staffed by employees of the Office of Residence Life, who assume responsibility for controlling access to on/off campus residential facilities. In addition, con- tinuous exterior security is provided during the hours of darkness by dedicated security officers, regular police patrols, plainclothes officers and a camera system. The university makes every effort to ensure that campus facilities, buildings, and grounds are designed and maintained in Such a manner as to promote safety and security, and reduce the opportunity for criminal activity. In this light, emphasis is focused on protective lighting, landscaping and grounds keeping, and identifying areas of the campus which may contribute to crime conducive conditions. In addition to this effort, security alarm systems are employed in buildings throughout the campus, as well as security officers in selected facilities and continuous foot/motorized police patrols.

CAMPUS LAW ENFORCEMENT

Current policies concerning campus law enforcement:

The Department of Police and Public Safety is charged with the responsibility for the delivery of security, law and order, and police services at Morgan State University. The Department employs approximately forty (40) sworn police officers along with 15 non-sworn support staff. Police officers must successfully complete a minimum standards entry level police training academy course as mandated by the State of Maryland Police Training Commission, which includes such subjects as criminal law and procedures, patrol and investigation practices and techniques, firearms, first-aid, emergency vehicle operations, use of force, and physical training. In addition, police officers must successfully complete in-service training on an annual basis to maintain their certification as police officers in the State of Maryland. Finally, an array of in-service training and specialized training programs are presented to update and enhance the professional skills of the officers.

University police officers are vested with all the powers, authority, and responsibilities of any police officer of the State of Maryland on property owned or operated by the university and the surrounding area. The Department of Police and Public Safety cooperates fully with local, federal and state law enforcement agencies in cases which involve both on-campus and off-campus jurisdictions, or when the resources of another agency can be used to facilitate the resolution of an investigation or public safety issue.

Members of the university community are urged to notify the Department of Police and Public Safety immediately of any criminal activity or other public safety concern or issue. In addition, emergency security telephones ("blue phones") are installed at selected locations throughout the university campus.

The Department of Police and Public Safety publishes news safety and security brochures, and provides oral presentations to all segments of the campus community on a frequent basis to educate community members on police policies and procedures. Students and employees are reminded of recurring or significant crime problems

being experienced on the campus and their role and responsibility in reducing their vulnerability in becoming crime victims.

The Department of Police and Public Safety publishes pamphlets on various topics of Crime Prevention which are available to all students, faculty, and staff members. Topics include: Police Protection and Security Services, General Crime Prevention Techniques, Campus Watch, Operation I.D., Rape and Sexual Assault, Date Rape, and Drug and Alcohol Abuse. The Department of Police and Public Safety holds sessions each semester on the above topics. Information on safety and security is provided to students, faculty, and staff members regularly through seminars, films, bulletins, crime alerts, posters, brochures, university staff and student newspapers, other university periodicals and the university website.

Moreover, it should be noted that specific criminal statistics information pertaining to crime within this campus community is available to all prospective students and employees as well as current students and work force personnel. Requests for such information should be directed to Police Headquarters either in person or via telephone (443) 885-3100 or via correspondence to the following address: **Police and Public Safety Department, Morgan State University, 1700 East Cold Spring Lane, Baltimore, Maryland 21251.**

UNIVERSITY COMMUNICATIONS WITH STUDENTS

YOUR OFFICIAL EMAIL ACCOUNT

Upon admission to Morgan State University, all students are assigned e-mail accounts. Morgan State University's e-mail use is required for all official University communications. Your e-mail account is the means by which administrators, faculty, and staff communicate official University information to you. Your e-mail account may be used to inform you of the following:

• Matters concerning your financial aid, such as
• Missing FASFA information
• Award notifications

• Matters concerning your account with the Bursar, such as
• Refund Information
• Payment schedule and deadlines
• Bill payment confirmation (for online payments only)

• Matters concerning Academic and/or Student Affairs, such as
• School closings
• Campus emergencies
• Housing confirmation notices
• Various student and cultural events
• Problems concerning your borrowing privileges at the Morgan Library

• Matters concerning other departments such as: the offices of your school/college dean, and your department chairperson, the Honors Program, the Counseling Center, and the School of Graduate Studies.

Newly admitted students receive a Morgan e-mail address along with password instructions from the Office of Planning & Information Technology. This information is sent in the mail shortly after you receive your admittance letter. The student user name and password for e-mail is also used for Blackboard and for accessing any computer on campus.

The Morgan e-mail address is also found within your WebSIS account under the Personal Information Menu, by selecting "View E-mail Addresses." Your user name is the portion before the @ sign (username@ morgan.edu). WebSIS will NOT display your e-mail password. If you do not know your password, or you do not see a Morgan email account in WebSIS, contact the HELP desk at 443-885-4357.

Morgan e-mail is accessed at http://email.morgan.edu. Upon graduation, Morgan graduates may have an alumni e-mail account. Please contact the Morgan HELP desk at 443-885-4357.

INCLEMENT WEATHER POLICY

In the event of inclement weather, the administrative decision regarding classroom activities and support operations will be announced on the University's official webpage, Morgan State University's radio station, WEAA (88.9 FM), the official station for accurate information. Also, information may be provided on local radio stations, some of which include: WBAL (AM/FM), WCAO (AM/FM), WFBR, WWIN, WBGR and WEBB; on the University's main telephone line, (443) 885-3333; and on Morgan's Web Page (www.morgan.edu). Information will be provided by text to those who have signed up for this service.

STUDENT AFFAIRS

Counseling Center
Student

Student Rights and Responsibilities

Residence Life Programs

Health Services

Career Development

Intercollegiate Athletics

University Student Center

Student Activities

Student Government

Commuter Services

Community Service

University Memorial Chapel

STUDENT AFFAIRS

The Division of Student Affairs is Morgan State University's comprehensive resource for student development and student success. The Division of Student Affairs at Morgan State University provides learning opportunities and environments that advance the holistic development of all students. This occurs through purposeful engagement that inspires students to excel in and out of the classroom while maintaining standards of leadership and citizenship that transforms the campus and beyond.

Student Affairs will create environments in and outside of the classroom that are conducive to student learning, growth, and development. This is achieved by providing:
state-of-the-art facilities to support a broad range of educational, social, and extracurricular activities;
growth opportunities through personal and spiritual discovery, and career development;
Resources for mental and physical wellness to enhance student success;
opportunities for leadership and citizen development through student organizations, hall governance, athletics, volunteerism, and community service; and
opportunities for engagement that build a sense of pride and community, sustains traditions, and develops life-long identity with Morgan State University.

As the area responsible for student life programs (Residence Life and Housing, Health Services, Student Activities, Intercollegiate Athletics, Intramurals and Recreation) and student support services (Counseling, Career Development), the Division provides the quality and the quantity of services needed to assist students in meeting their goals and the goals of the University. The Division of Student Affairs is the responsibility of the Vice President for Student Affairs.

Counseling Center

We are located in Carter Grant Wilson, the building on the NE corner of Cold Spring Lane and Hillen Road, next to Truth Hall and Jenkins Building.

Walk-In-Hours

If you are coming to the Counseling Center for the first time, or have an emergency, you may speak with the counselor on Walk-In-duty.

Walk-In-Hours: Monday-Friday 10:00 A.M. – 3:00 P.M.

Mission

The mission of the Counseling Center is to provide a range of psychological and counseling services to Morgan students. The Counseling Center strives to support the emotional, interpersonal, social, and of MSU students.

Everyone needs someone to talk with at times. Counseling is a growth process through which students are helped to define goals, make decisions, and solve problems related to personal, social, academic, and career concerns. Counselors help students to resolve personal and educational concerns, which may include:

- Adjusting to a new environment
- Relationships with family, friends, romantic partners, or roommate
- Feeling stressed or anxious
- Anger and interpersonal conflicts
- Depression, loneliness, shyness
- Grief and loss
- Self-esteem and self-confidence
- Sexual issues and decisions
- Sexual Orientation
- Alcohol and drug related problems
- Personal crises
- Difficulties with study skills
- Time management
- Motivation
- Choices about majors and careers
- Communication with instructors

Confidentiality

Counseling often deals with very personal and private issues. Counselors respect student's privacy and will not release information disclosed in counseling without the student's explicit permission, except in rare situations when it is necessary to protect the student's or another person's safety.

Services Offered

Individual Counseling offers the opportunity to talk about whatever is on your mind and to explore your options. A professional counselor can help you resolve personal difficulties and learn more about yourself.

Group Counseling: Groups offer an opportunity to meet others who have had similar experience and who also want to pursue personal growth. Most of our groups have 5-8 members, agree to rules of confidentiality, and meet once a week for 1.0 hour. What group members talk about, and when, is up to each individual.

Workshops: Each semester the Counseling Center sponsors a series of workshops designed to help students adjust to the academic, social, and psychological demands of campus life.

Outreach Programs: Counselors are available to conduct workshops and provide information on various topics to classes and organizations. Topics may include: Counseling Center services, time management, coping with stress, depression, self esteem, healthy relationships, diversity and sexual, depression, self and conflict resolution. National mental health screening days in the fall and spring educate and screen students for depression, anxiety, and substance abuse.

Relaxation Room: Equipped with a reclining massage chair, relaxing music, and soft lighting, this room is available as a place to unwind, meditate, and escape life's stresses. Any member of the Morgan community is welcome to use the room by appointment or on a walk-in basis, for 30 minute sessions.

Psycho-Educational

Attention Deficit/Hyperactivity (ADHD) and Psycho-Educational assessments are available for students who may be eligible to receive academic accommodations based upon having specific learning disabilities or ADHD. All evaluations are comprehensive and are completed in the Counseling Center. Students interested in being evaluated for a learning disability must be referred by the Student Accessibility Support Services Office (SASS).

Referrals: Each student's individual needs are considered in making referrals to sources of help outside the Counseling Center. Information is available about a variety of services and resources on campus and in the community.

Psychiatric referrals are also available for situations in which a psychiatric evaluation and medication might be helpful. Costs for these services are generally covered by student's health insurance.

Crisis Intervention: A member of the Counseling staff is on call to assist students in emergencies. After hours, the campus police, (443)885-3103, or a Resident Director, will page the person on duty.

Please go to our website for much more information: www.morgan.edu. (type in Counseling Center in the search box) Emergency on call After hours and weekends, please call (443)885-3103

STUDENT RIGHTS AND RESPONSIBILITIES

THE OFFICE OF STUDENT RIGHTS AND RESPONSIBILITIES

Morgan State University is a diverse community of people who respect the rights of others, consciously live in unity, and assume all risks for their actions. Tenets of behavior must be clearly understood to ensure the continued success of the community. The University requires certain standards of behavior in an effort to accomplish these goals. The University standards of conduct, however, do not replace or relieve the requirements of civil or criminal law. The Student's Rights and Responsibilities are based on respect of others, the environment, the mission of the University, and the rights and responsibilities of community membership. The cornerstone of the Student's Rights and Responsibilities is respect and accountability. The expectation is that students will respect the rights of all members of the University community. It is your responsibility to become familiar with the policies, take responsibility for your actions, and be sensitive to and respectful of those around you. Being a member of the Morgan State University Community is a privilege that mandates your responsibility for upholding the Code of Conduct. All students are accountable for their behavior and shall not behave in a manner which violates individual, or group rights or jeopardizes the health, safety, and wellbeing of individuals or property.

THE OFFICE OF STUDENT JUDICIAL AFFAIRS
Morgan State University Code of Student Conduct (Code)

The Office of Student Judicial Affairs directs the efforts of students and staff members in matters involving student discipline. Disciplinary regulations at the University are set forth in writing in order to give students general notice of prohibited conduct. The regulations should be read broadly and are not designed to define every instance of misconduct. The responsibilities of the Office include: (a) Determination of the disciplinary charges to be filed pursuant to this Code, (b). Interviewing and advising parties involved in disciplinary proceedings (c) Recruiting, selecting, training, supervising, and advising all judicial boards, (d) Reviewing the decisions of all judicial boards (e) Maintenance of all student disciplinary records, (f) Resolution of cases of student misconduct, as specified in this Code (g) Collection and dissemination of research and analysis concerning student conduct, and (h) Submission of a statistical report each semester to the campus community, reporting the number of cases referred to the Office, the number of cases resulting in disciplinary action, and the range of sanctions imposed.

TENETS OF JUDICIAL PROGRAM

To regard each student as an individual, deserving individual attention, consideration, and respect.

To consider the facts fully and carefully before resolving any case.

To speak candidly and honestly to each student.

To hold each student to a high standard of behavior, both to protect the campus community, and to promote student moral development.

To contribute to the educational mission of the University by designing policies, conducting programs, and offering instruction that contribute to the intellectual and moral development of the entire student body.

STANDARDS OF DUE PROCESS - A Student who is alleged to have engaged in conduct in violation of the Code shall be provided with notice of the alleged allegations and an opportunity to be heard. Disciplinary proceedings shall determine whether a charged party is responsible or not responsible for violating the Code or other University regulations.

Any person may refer a student or a student group or organization suspected of violating this Code to the Office of Student Judicial Affairs. Persons making such referrals are expected to cooperate fully with the Office of Student Judicial Affairs. It is very important that persons making such referrals provide detailed and complete information pertinent to the referred matter. In addition, persons making such referrals may be needed to appear in a hearing. If the Office of Student Judicial Affairs preliminarily determines that the allegation has merit and the alleged conduct is a violation of the Code, specific charges shall be drafted and referred for a hearing or disciplinary conference.

Members of the University community are encouraged to familiarize themselves with the Code. The Code can be viewed on the University's web page at: www.morgan.edu/students/current/conduct.asp.

OFFICE OF RESIDENCE LIFE

The Office of Residence Life at Morgan State University is an integral part of the University's mission of achieving academic excellence. The Office of Residence Life provides a holistic approach to student development. We strive to en- hance an individual's academic, social and personal development from matriculation to graduation. To achieve this goal, the Office of Residence Life provides quality living facilities, resident hall pro- grams and a supportive staff that encourages achieve- ment, involvement and inclusion. Residence life pro- grams and activities are tailored to respond to the cultural, social, recreational and educational needs of students.

Inclusive in the services campus housing provides, student rooms have data and cable access. In addition, the halls are equipped with laundry facilities, study halls, computer labs and tutorial labs.

University housing has seven traditional residence halls and two apartment style living complexes. Additionally, housing is provided at Morgan View, a privatized facility exclusively for Morgan State University students, one block away from campus.

Details of the housing application procedure and the rules and regulations that govern living in the residence halls can be found in the Residence Life Handbook. The university also has several affordable meal plans designed to fit students' busy academic schedules.

It is important that all students file for financial aid and pay strict attention to all guidelines and due dates for submitting required documents. Please refer to the Financial Aid section of this catalog for important information and submission dates.

The Office of Residence Life looks forward to serving you and ensuring that you achieve all of your goals. We believe it is important that we develop, support, and ultimately realize the potential of tomorrow's leaders.

UNIVERSITY HEALTH CENTER

The University Health Center

The University Health Center (UHC) provides health and wellness services for registered Morgan State University students and immunization services for Faculty and staff. The UHC also administers the University sponsored Student Health Insurance Plan (SHIP).

Clinical Services

The UHC provides primary care including immunization, gynecological services, prescriptions, referrals to in-network specialists, and access to afterhours advice lines (24/7 Nurse Line and CallMD.

Student Health Insurance

All full-time undergraduate students (i.e., taking 12 or more credit hours) and J-1 Exchange Scholars and Visitors are automatically enrolled and billed for student health insurance. Graduate students enrolled in at least 6 credits hours (or at least one credit hour while completing a thesis or dissertation), and part-time students taking at least six credit hours may purchase insurance voluntarily. Coverage is designed so that only active students may take advantage of the plan. Students must actively attend classes for at least the first 31 days after the date for which coverage is purchased. Insurance coverage can also be purchased for dependents (i.e. spouse and children).

Eligible students who wish to enroll in or waive the student health insurance coverage should go to www.morganstatestudentinsurance.com during the designated fall and spring waiver periods. Details regarding the enrollment/waiver process and deadlines are available on the aforementioned website.

Immunization Requirements

Every new student must complete the university's mandatory immunization requirements. Immunization forms may be downloaded from www.morgan.edu. From here:

Click on the "Administration" tab
Click on the "Student Affairs" tab.
Click on the "Health Services" tab.
Click on the "online Forms" tab under the "Additional Links" heading.
Download and complete all required health forms.
Completed health forms may be mailed or faxed to:
Morgan State University, University Health Center (Woolford Infirmary Building) 1700 East Cold Spring Lane, Baltimore, MD 21251. Fax: 443-885-8232.

Location

The UHC is conveniently located on the south campus behind Cummings Hall next to the Hughes Stadium ticket office.

Hours & Phone Numbers

Clinic Hours: Monday - Friday, 8:30 a.m. - 5 p.m.

Closed Saturday, Sunday and university holidays.

Phone: 443-885-3236/Fax: 443-885-8232. After hours, access our 24/7 Nurse Advice Line at 866-751-2723 or CallMD at 866-568-6720.

CAREER DEVELOPMENT

The mission of the Center for Career Development (CCD), and its staff, is to assist undergraduate and graduate students, as well as degreeholding alumni, in their determination of a choice of career direction, or pursuit of graduate education. We emphasize that success comes through selfassessment, exploration of and experiencing possible careers, and learning the job search related skills necessary to accomplish career related goals and objectives. We seek to empower our clients, so that they will be able to make sound career decisions, achieve career sat- isfaction, and become productive members of society.

The CCD provides assistance to students and alumni in the career decision making process through interest testing, counseling and experiential learning opportunities; individual advising/counseling; a career resource center for obtaining career information and researching employers; seminars and individualized preparation to develop job-seeking skills; planning and executing a targeted job search; providing opportunities to interview with employers; access to job fairs and career days sponsored by Morgan State University and other organizations in the region;

candidate referral of registered students and alumni to employers with professional personnel needs; access to job listings; and assistance with decision- making about and application to graduate study.

The Center for Career Development is the focal point of career planning activities for Morgan State University students and recent alumni. It is the basic philosophy of the Center for Career Development that effective and efficient career planning throughout the college years assures placement into employment or further study.

In following this tenet, students are encouraged to register with the Center for Career Development early in their academic careers and to maintain regular contact with the staff. Students and alumni should recognize that contact with the CCD is at their initiative. The implementation of any advice or information received is their responsibility.

The Center for Career Development is located at the C-224 Montebello Complex. The telephone number is (443) 885-3110. Visit the Center for Career Development web site on the Morgan State University home page at http://careers.morgan.edu.

INTERCOLLEGIATE ATHLETICS The Intercollegiate Athletic Department's vision is to model excellence as a University program, as well as a National Collegiate Athletic Association Division I-AA program. Thus, the Department has adopted four core values to guide decisions and behaviors in fulfilling its mission and vision:

1. A confident and humble pride.
2. Integrity in words and deeds.
3. Respect for the dignity of ALL stakeholders.
4. Loyalty built on honest and trusting relationships.

Morgan State University provides an extensive National Collegiate Athletic Association (NCAA) Division I intercollegiate athletics program (Division I-AA in football) for students enrolled at the University. The sports offered at the institution include football, men's and women's basketball, cross country, tennis, indoor and outdoor track and field, women's volleyball, softball and bowling. The University is also a member of the Eastern College Athletic Conference, and the Mid-Eastern Athletic Conference. The University approves and adheres to the regulations of these associations. It also enacts institutional regulations governing the participation of students in athletics.

The Intercollegiate Athletics Program is an integral part of the educational program of the University. The objectives of the athletics program are:
(1) to provide opportunity for the development of physical fitness and the means for the safeguarding of health,
(2) to develop good sportsmanship and positive attitudes regarding the use of teamwork in achieving goals, and
(3) to help skilled athletes enhance their talents and optimize their athletic potential.

The University endeavors to maintain a balance between sports activities and its academic programs. All varsity sports offered by the University provide Athletics Grant-In-Aid to qualified participants. Requirements for admission to the University are the same for all applicants, regardless of participation in athletic activities. Members of intercollegiate teams are college students first; therefore, student-athletes are subject to the same standards that apply to other students and they should maintain satisfactory academic progress in order to continue participation in the Intercollegiate Athletics Program and remain at the University. Any student-athlete not meeting satisfactory academic progress must meet with the athletic administration for further assistance. Intercollegiate Athletics is intended to develop the entire person as an individual capable of making significant contributions to society long after college life is completed.

STUDENT-ATHLETE ADVISORY BOARD

The NCAA Constitution requires all member insti- tutions to establish and maintain a student athlete advisory board. Its purpose is to provide a voice and forum for those individuals who participate in intercollegiate competition. Each team elects a representative to provide feedback on various athletics issues and present the concerns of their fellow student-athletes to the athletics administration. The Faculty Athletic Representative serves as the advisor for this group.

EQUITY IN ATHLETICS DISCLOSURE NOTICE

The Morgan State University Athletics Department is committed to the principle and practice of gender equity. This commitment shall reflect in every aspect of departmental operations. In accordance with the requirements of the Equity in Athletics Disclosure Act, Morgan State University prepares an annual report on its intercollegiate men's and women's athletics program participation rates and financial support data. The report is on file and may be obtained by any student, prospective student, or member of the public from the Office of the Athletic Director, the Admissions Office, and the Office of Student Affairs.

UNIVERSITY STUDENT CENTER

The Student Center is the community center of the University, serving students, faculty, staff, alumni and guests. By whatever form or name, a University Student Center is an organization offering a variety of programs, activities, services and facilities that, when taken together, represent a well considered plan for the community life of the University. The Student Center is an integral part of the educational mission of the University.

As the hub of the University community life, the Student Center complements the academic experi- ence through an extensive variety of cultural, educational, social and recreational programs. These programs provide the opportunity to balance course work, free time and cooperative factors in education. The Center is a student-centered organization that values participatory decision-making. Through volunteerism, its committees, and student employment, the Student Center offers firsthand experience in citizenship and educates students in leadership, social responsibility, and values.

In all its processes, the Student Center encourages self directed activity, giving maximum opportunity for self realization and growth in individual social competency and group effectiveness. The Student Center's goal is the development of persons as well as intellects.

Traditionally considered the "hearthstone" or "living room" of the campus, today's Student Center is the gathering place of the University. The Student Center provides services and conveniences that members of the University community need in their daily lives and creates an environment for getting to know and understand others through formal and informal as- sociations. This three story building houses conference rooms, a recreation center, cyber café, a dynamic Food Court, ballroom, lounges, a Theater and much more. Throughout the Student Center, lounge areas offer comfortable chairs, couches, and tables for students to socialize, eat, or even study. Students can gather together to have fun, relax, schedule classes, and grab a bite to eat, all in one stop!

The Building Hours are the following: Monday – Saturday, 7am-11pm and Sunday, 12pm-11pm.

The Student Center serves as a unifying force that honors each individual and values diversity. The Student Center fosters a sense of community that cultivates enduring loyalty to the University.

THE OFFICE OF STUDENT ACTIVITIES

Morgan State University is dedicated to providing quality activities and programs in a learning environment which promotes academic and personal excellence in students and an appreciation of intellectual, ethical, and aesthetic values. In striving to foster a campus environment which contributes to the total education of each student, the Office of Student Activities seeks to assist individual students as well as student organizations in the creation, im- plementation, and evaluation of those social, edu- cational, cultural, and recreational programs which contribute to the academic growth and personal development of all students at the University.

STUDENT GOVERNMENT ASSOCIATION

Purpose

The Student Government Association (SGA) at Morgan State University is a vital force in the lives of all members of the University community. The University encourages students to appreciate the privileges of and to assume the responsibilities for self government. The activities and responsibilities of the Student Government are deliberately substantive and designed and operated as real life experiences for training students to function effectively and to take responsibility in the greater community of life.

The Student Government Association is the official student governing body at Morgan State University. It strives to instill a feeling of collective work and responsibility in an effort to reiterate that achievement of common objectives depends on a cohesive atti- tude among students. The SGA stresses that activity goals must be supported by a strong factu- al base. A clear understanding of problems must be ascertained as a first step of problem solving.

UNIVERSITY MEMORIAL CHAPEL

The primary mission of the University Memorial Chapel is to assist students, faculty, and staff in developing an appreciation for spiritual and moral values in their lives. To facilitate this end, the University Memorial Chapel interacts with students, the administration and the faculty of the University as well as leaders, organizations, and institutions in the community. The mission of the Chapel is closely associated with the history of Morgan State University and its ecumenical promotion of spiritual and social values.

History of the Chapel

The mission of the University Memorial Chapel is best understood against the background of its history. In 1867, a group of dedicated ministers met at Sharp Street Church to establish the Centenary Biblical Institute. The Institute grew, and in time, the curriculum was broadened. In 1890, the name was changed to Morgan College, in honor of a generous benefactor. In the 1920's the school was moved to its present site. The Morgan trustees, in 1939, decided to sell the college to the State of Maryland. The proceeds from that transaction were earmarked for the construction of a center for religious activities, the Morgan Christian Center, a parsonage, and an endowment. The buildings were erected on a plot of land adjacent to the campus, and were dedicated in 1941.

In August of 2009, the Morgan Christian Center trustees deeded the property to Morgan State University. The Center was renamed the Morgan State University Memorial Chapel, to reflect the diverse religious landscape on campus.

Spiritual and Moral Values

The philosophy of the University Memorial Chapel is that education should embrace the importance of the student's spiritual values. Appreciation of spiritual and moral values informs the life of the truly educated person. When this happens a moral context is given to what one does with the knowledge one has gained. The Chapel exists to give direction to the implementation of spiritual and religious values in character formation. With this direction life decisions are properly grounded.

The University Memorial Chapel exists also as a continuing symbol of the relevance of moral values in higher education. As such, it is recognized not only by the University, but also by the community at large. Its facilities provide space for a variety of activities, for students, faculty, and also for various organizations and individuals in the Baltimore area.

Religious Services

Students at the University reflect a variety of faith traditions. One of the functions of the Chapel is to provide a place for the spiritual nurture of all stu- dents, faculty and staff. The Chapel provides a venue for regular formal worship, for informal religious meetings or conferences, and for weddings and funerals. These services are primarily, but not ex- clusively, for persons associated with the University.

The aim of the Chapel is to provide the best worship models for its clients, inclusive of creative and ener- getic services, and high quality messages and music. By so doing, the student's level of understanding and appreciation of what worship is all about may be enhanced. The University Memorial Chapel seeks to serve as a learning opportunity for students, as well as an arena within which they may develop their leadership, public speaking, and other key skills.

Ecumenism/Interfaith

The University Memorial Chapel is a place for cooperation and activities for all religious faiths. Our diverse faith communities have carried forward inspiring activities for Morgan State University and the community. We are com- mitted to fostering understanding between various faith communities, which form the mosaic of
faith practices at the University and in society.

Chaplaincy Services

Volunteer chaplains work in covenant agreement with students, faculty, staff, and community residents. The following chaplain services are available at the Chapel:

- Episcopal-Anglican club
- Muslim Student Association
- Lutheran Campus Ministries
- The Baptist Students Club
- Roman Catholic Campus Ministry
- Intervarsity Campus Fellowship

Contact Information:
Morgan State University
University Memorial Chapel
1700 East Cold Spring Lane
Baltimore, MD 21251

Office: 443.885.5166
Fax: 443.885.8166

Questions?

Please submit them to Rev. Dr. Bernard Keels at
bernard.keels@morgan.edu

Morgan State University
University Memorial Chapel
1700 East Cold Spring Lane
Baltimore, MD 21251

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TUITION AND FEES

Billings

Billing Adjustments

Payments

Deferred Payment Plan

Refunds

TUITION AND FEES

TUITION AND FEES

The University Bursar's Office is available to provide you with convenient courteous service to assist in making financial arrangements to finalize your registration each semester. Be certain, however, to follow the directions outlined in the financial aid section of this catalog, if any portion of your bill is to be covered by scholarships, grants, loans, etc. Following these guidelines will assist in a timely credit of funds to your account. Please contact the Bursar's Office at (443) 885-3108, if we can be of further assistance.

APPLICATION FEE

The non-refundable $35 application fee for undergraduate programs partially defrays the cost of processing MSU's admissions. By written request, students may update their applications by one semester or term without paying an additional application fee.

The application fee may be waived when payment would cause serious financial hardship. Requests for waiver should be accompanied by a written recommendation from a teacher, counselor, minister or other responsible member of the community.

ENROLLMENT CONFIRMATION DEPOSIT

A non-refundable $150 enrollment confirmation deposit is required of all new, degree-seeking freshman and transfer students. This deposit is credited to the student's account upon enrollment.

SCHEDULE OF TUITION AND FEES

Tuition and fees charges are determined on an annual basis and vary between Maryland resident and nonresident students. The cost of attending for one academic year, exclusive of books, travel, clothing and other personal items, is as follows:

SCHEDULE OF TUITION AND FEES FULL-TIME UNDERGRADUATE (12 CREDIT HOURS OR MORE)

	Fall 2015	Spring 2016	TOTAL
Tuition-Maryland Resident	$2,530	$2,530	$5,060
Tuition- Non-Resident	$7,367	$7,367	$14,734
Mandatory Fees	$1,224	$1,224	$2,448
Tuition and Fees - Maryland Resident	$3,754	$3,754	$7,508
Tuition and Fees - Non-Resident	$8,591	$8,591	$17,182

PART-TIME UNDERGRADUATE TUITION AND FEES (Fall 2015 – Spring 2016) (FEWER THAN 12 CREDIT HOURS)

	Tuition	Fees	TOTAL
Tuition-Maryland Resident (per credit)	$230	$77	$307
Tuition-Non-Resident (per credit)	$580	$77	$657

GRADUATE TUITION AND FEES (Fall 2015 – Spring 2016)

	Tuition	Fees	TOTAL
Tuition-Maryland Resident (per credit)	$382	$77	$459
Tuition-Non-Resident (per credit)	$748	$77	$825

All tuition and fees are reviewed at least annually and are subject to revisions.

NOTE: Schedules of Tuition and Fees are available each semester: online via www.morgan.edu and the University Bursar's Office.

DEFINITIONS AND EXPLANATIONS OF MANDATORY FEES

Mandatory fee assessments provide for the following services and benefits:

Entitles the student admission to all athletic contests sponsored directly by the University and use of the athletic facilities, i.e., athletic fields, tennis courts, exercise rooms, swimming pool, racquetball courts, etc.

Student Activities Fee

Entitles the student admission to cultural activities such as concerts, presentations, lectures and copies of the Uni- versity newspaper, *The Spokesman*. The fee also supports the Student Government Association, associated activities and events.

Health Insurance Fee

Provides semester coverage to full-time undergraduate students for accidents sustained and illnesses that occur during the semester. Optional plans are available for part-time undergraduate and graduate students.

Student Center Fee

Supports the operation of the Student Center and programs and activities housed within it.

Auxiliary Facilities Fee

Contributes toward the construction of major repairs and refurbishment of self-supporting facilities to maintain quality commuter and resident life services and facilities.

Academic Facilities Fee

Supplements the State's investment in maintaining up- to-date instructional facilities and equipment.

Transportation Services Fee

To maintain a convenient and reliable campus transportation system and affordable parking permit rates.

OTHER FEES OR ASSESSMENTS

Late Registration Fee

A late registration fee of $50 will be charged (beginning the first day of walk-in registration) to returning students who were registered during the previous semester and failed to select classes and make satisfactory financial arrangements on or before the pre-

scribed deadline. Students are encouraged to make fin-
ancial arrangements by the prescribed deadline to avoid this charge. Deadline payment dates are published in the academic calendar available on the university website and are provided at the time of class selection.

Graduation Fee

Students planning to graduate must pay a $75 graduation exercises and diploma materials. To graduate, both academic and financial requirements must be fulfilled. Fulfillment of financial requirements includes payment of all financial obligations, including a graduation fee.

Transcript Fee

There is a charge of $8 for each transcript requested. To obtain a transcript, registered students' accounts must be current and former students' accounts must be clear. Exceptions may be considered on a case by case basis by an authorized University official. Contact the Office of Records and Registration for more information.

Student Professional Liability Insurance Fee

All students who are required to work in medical or related facilities for classes or internships will be assessed a fee for insurance coverage. The students will be required to pay this fee before placement in the facility. (This fee is not related to the Health Insurance Fee.) Please contact your instructor for further information.

ROOM AND BOARD

Lodging and Meals Per Semester

All students residing in the residence halls are required to subscribe to a meal plan. The options for Fall 2015 - Spring 2016 are:

Room Charges	**Rate Per Semester**
Residence Halls (On Campus)	$3,108
Marble Hall (Off Campus)	$3,923

Board Charges	
21 Meals Per Week	$2,015
19 Meals Per Week	$1,733
14 Meals Per Week	$1,601
10 Meals Per Week*	$1,487

**Only available to occupants in designated residence halls, contact the Office of Residence Life for details.*

Commuter Meal Plans	
7 Meal Plan	$1,015
5 Meal Plan	$780
Any 100 Meals	$845
Any 75 Meals	$650
Any 50 Meals	$435
Any 25 Meals	$235

Meal plans provide for unlimited seconds and offer a wide variety of offerings at each meal. Rates are subject to change.

NOTE: Meal Plan rates after the 2015 - 2016 academic year can be obtained from the University Bursar's Office and the web.

Residence Hall Room Reservations

Campus accommodations for first-time students seeking on campus housing are very limited. To be considered for available housing, admitted students must submit, along with a housing application, a $200 non-refundable application fee. This fee must be paid in the form of a certified check or money order made payable to Morgan State University. The priori- ty deadline date for the submission of the housing applica- tion is April 1st for the next academic year. Please note that application for campus housing is for the entire academic year inclusive of the Fall and Spring semesters. Students intending to matriculate starting with the Spring semester must submit the housing application by October 1st. Appli- cations must be submitted by these dates to be considered priority. After these deadlines, applications will be consid- ered on a first-come basis pending satisfactory financial arrangements as stipulated by the Office of the Bursar, and/ or clearance of the cost of tuition, fees, room, and board.

After applications are processed, students will receive a let- ter informing them that a room will **be finalized after fi- nancial arrangements have been completed. If satisfac- tory arrangements for the entire bill are not made by the deadline date, students will not be allowed to check-in to housing.**

Housing Contract Agreement

A housing application and residence hall agreement that is submitted to the University is legally binding and holds the student to the financial obligations of the entire contract period, the Fall and Spring semesters. Students with extreme circumstances will be considered for release on a case by case basis.

The **Request for Housing Contract Release** form may be obtained from the Office of Residence Life and Housing's web page. If submitted after July 1 and before the first day of classes, students who planned to matriculate in the Fall semester are subject to a penalty fee equal to 50% of their room and base board costs. For students who planned to matriculate in the Spring semester, housing contract release requests submitted after December 15 and before the first day of classes, are subject to a penalty fee equal to 50% of their room and base board costs. Applications for students who matriculate during Spring semester are subject to the cancellation policy governing the entire year.

Cancellation requests granted after the first day of classes are subject for review on a case by case basis. **Failure to pick up a key will not release a student from the contractual agreement.** Students officially withdrawing from the University may be entitled to a partial reduction of charges for **room and/or board.** In these cases if applicable, the room adjustment will be computed to include 20% of the charge for the semester as a service charge, and the remainder prorated on a daily basis. For board charges, an adjustment will be computed by including 20% of the charge for the semester as a service charge, and the remainder prorated on a weekly basis if applicable. No adjustment for room or board will be made after the semester ends. Weekly basis shall be defined as a complete week or any fraction thereof.

OTHER EXPENSES

Textbooks and Supplies

Textbooks and classroom supplies purchased at the University Store will vary with each course pursued, but may average $600 per semester. As a measure to reduce the costs associated with textbooks, the University Store provides options that include new, used, and rental textbooks for students. Textbooks and Morgan merchandise are available at the University Store's website located at https://www.morganstatebookstore.com

Vehicle Registration

All vehicles parked on campus must be registered with the University. Commuter students pay no additional charge for the first parking permit; however, each replacement/additional permit thereafter costs $15.00. Each student is limited to one duplicate permit. Residential permits costs $125 per semester as space is available. Rates are subject to change without notice.

FINES AND PENALTIES

Lost Residence Hall Keys or Cards

A fee will be assessed to replace each key or card. The fee will vary dependent upon the residence hall in which a student resides.

Loss or Destruction of University Property

Should students lose or damage University property, they will be charged an amount sufficient to cover facility and equipment repairs or replacements. Any expenses incurred in an emergency by the University for students will become a charge to the student.

Parking Citations

Parking citations vary dependent upon the violation. A late fee of $20.00 will be assessed, if the fine is not paid within 30 calendar days.

Bad Check

A service fee of $25 will be charged for all bad checks under the amount of $1,000 and a service fee of $50 will be charged for all bad checks over the amount of $1,000. A bad check includes insufficient funds, stop payments and closed accounts. This service fee is charged to the student account. Personal checks may not be accepted after receipt of one bad check.

Overdue Library Material

Fines are charged for each day that each item is returned late. Overdue reserved material fines are charged for each hour that an item is returned late. If an item is lost or mu- tilated, the borrower is charged the estimated cost of the item plus a processing fee to cover acquisition and cataloging costs. Fine rates may vary dependent upon the particular type of material and/or collection where it is housed.

Students are to pay library fines at the University Cashier's Office, then present their receipt at the Circulation Desk in the library for clearance. Thirty (30) days after billing, a nonrefundable service charge will be added to the bill by the Bursar's Office.

BILLINGS

After selecting classes, students are required to print their bill using WebSIS (Morgan State University's website). **Registration is not considered complete, nor is the student considered enrolled, until payment in full or other satisfactory financial arrangements are made.** Please refer to the University Calendar online for due date. (Reminder: If selection of classes is performed during the late registration period, payment is due upon selection.)

students' billing address to reflect their updated account balance. Students should not wait for the statement to send their remittance.

PAYMENTS

Any outstanding balance (amount not covered by verified loans, grants and scholarships) is due prior to registration being finalized and an official clearance is completed. Failure to make satisfactory financial arrangements for the balance due, by the prescribed date, may necessitate a cancellation of the class schedule.

Balance due can be paid by one of the following preferred means: cash (in person only), certified check, cashier's check, money order, VISA, MASTER CARD, DISCOVER CARD and AMERICAN EXPRESS. Personal checks are acceptable, but if returned for non-sufficient funds (NSF), the check amount will be charged back to the student's account with a $25/$50 added penalty. Personal checks may not be accepted after receipt of one NSF check.

Money intended for the personal use of a student should not be included in any payment drawn in favor of Morgan State University.

Mail-in payments should be addressed to:
Morgan State University P.O. Box 2341
Baltimore, MD 21203-2341

All checks and money orders should indicate the student's name, address and account number.

In-person payments are made at the Cashier's window of the Bursar's Office in Montebello A-124 between 8:30 a.m. to 4:45 p.m., Monday thru Friday. The office may be open for extended hours during registration.

Correspondences concerning bills should be forwarded to:
Morgan State University
Office of the Bursar
1700 E. Cold Spring Lane
Baltimore, MD 21251

Via E-mail:
bursar@morgan.edu

Monthly Payment Plan

Parents/students may be able to make annual or semiannual arrangements, for the amount not covered by financial aid, with a University-endorsed company. By paying a nominal participation fee, parents/students may divide tuition, room and board charges into equal installments. The annual plan allows for 10 monthly payments and the semi-annual plan allows for 5 monthly payments. These plans are interest free.

- **Parents/students seeking an annual plan for both the Fall and Spring semesters should apply in May.**
- **Parents/students seeking a semi-annual plan for the Fall semester only should also apply in May.**
- **Parents/students seeking a semi-annual plan for the Spring semester only should apply in October.**

For your convenience, applications are available on-line through AMS Tuition Pay (www.TuitionPayEnroll.com) and in the Bursar's Office.

University Plan

The deferred payment plan is an arrangement available through the Bursar's Office. Generally, a minimum of 80% of all charges (tuition, fees, room and board) is due to finalize registration. Only 20% may be deferred and divided into two equal installments to be paid on dates established at the beginning of the semester. Exceptions may be considered on an individual basis. A service charge of $25 is assessed each time a deferment is gran- ted. A late fee of $30 is charged for each late payment.

Third Party Agreements

Third Party Agreements are defined as any external entity providing benefits/funding to a student based on an invoice. All students using third party agreements are required to submit written verification to the Office of the Bursar prior to the semester's prescribed due dates (payment dates).

Acceptable Third Party Agreements:
- Employer Tuition Assistance Program
- Military Tuition Assistance Program
- Pre-Paid College Plans
- State or Federal Sponsored Tuition Assistance Programs

Please Note: Tuition Reimbursement Plans based on Agreements.

Delinquent Accounts

A delinquent University account or NDSL/Perkins loan may result in one or a combination of the following:
1. No transcripts, official recommendations or other transactions, including graduation, will be processed or forwarded for any student who fails to meet his/her commitments or who owes the University for any other reason(s).*
2. Failure to satisfy delinquent student accounts will result in the transfer of the said account to the Central Collection Unit (CCU) of the State of Maryland. A collection fee of 17% or greater will be assessed on all accounts placed with CCU.

***NOTE:** Exceptions may be considered on a case by case basis by an authorized University official.

BILLING ADJUSTMENTS

Withdraws/Class Drops

If a student is compelled to leave MSU any time during the semester, he/she must file an application for withdrawal (see instructions in the Academic Affairs section). Students may also drop classes. For both withdrawals and class drops, tuition and fee charges are fully reversed up to the end of the designated drop/add period. Thereafter, only tuition is prorated for part-time undergraduate and graduate students that withdraw or drop classes. Tuition charges for full-time undergraduate stu- dents are prorated only upon official date of withdrawal.

Tuition Billing Adjustment Schedule

Period	Adjustment
Prior to the end of Drop/Add Period	100%
After Drop/Add period	
Within the first week	80%
Within the second week	60%
Within the third week	40%
Within the fourth week	20%
Over four weeks	0%

Note:
1. No fee adjustment after Drop/Add period.
2. For full-time undergraduate students, after the drop/add period, schedule only applies to stu- dents officially withdrawing but not class drops.

Withdrawal by Financial Aid Recipients Students who receive financial assistance must consult the Financial Aid Office before withdrawing from the University. Recipients who receive a refund may owe a portion of that refund to the financial aid program from which they benefited. Such students are expected to repay those benefits to which they are not entitled. Failure to repay the adjusted funds will result in a delinquent account which would be transferred to the Central Collections Unit (See Delinquent Accounts).

For any refund due, the University reserves the right to apply all or a part thereof to cover any outstanding indebtedness incurred by the student.

Room and Board

Students officially withdrawing from the University may be entitled to a partial reduction of charges for **room and/or board**. In these cases, the room adjust- ment will be computed by including 20% of the charge for the semester as a service charge, and the remainder prorated on a daily basis. For board charges, an adjust- ment will be computed by including 20% of the charge for the semester as a service charge, and the remainder prorated on a weekly basis. No adjustment for room or board will be made after the semester. Weekly basis shall be defined as a complete week or any fraction thereof.

REFUNDS

In the event total account credits exceed total tuition and fees, students are entitled to a refund.

Refunds associated with Federal Direct Loans are processed automatically. Otherwise, a refund request form must be completed by the student and submitted to the Bursar's Office. Processing time for refunds is six-eight weeks.

Please Note:

- Refunds, as is the case with all payments, are processed outside the University in the State Treasurer's Office in Annapolis.

- Refunds are subject to State review during processing; therefore, any student with an out standing State liability may have his/her refund confiscated.

For students who have received the benefit of scholarships and loans from University funds, the computation of refunds to be remitted to the student will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University. The University reserves the right to apply any refund or part thereof to cover an outstanding indebtedness incurred by the student.

OTHER ISSUES

Veterans

Veterans under Public Laws 550 and 887, and children of deceased veterans under Public Law 364, must pay fees in full at the time of registration.

Students who are eligible for benefits under the Veterans Educational Assistance Act, must notify the University in writing each semester that they are enrolled so that they may be certified to receive the appropriate benefits.

Students who have never applied for benefits must submit an application (VA Form 22--1990) along with a copy of their DD--214 and all documents necessary to support evidence of dependency.

VA certification will be done in the Registrar's Office during registration.

Evening and Extension Classes

Tuition and fees for evening and extension classes are the same as the rates published for full-time and part- time tuition and fees.

Summer School

Tuition and fees for summer school classes are the same as the rates published for regular part-time tuition and fees. A studio fee for certain science courses may be assessed according to the nature of the laboratory.

Residence halls are available for the duration of the summer school period. Rates for the 2015 summer session are as follows:

Room	$1,070 per session
Board	
21 Meals Per Week	$620 per session
19 Meals Per Week	$590 per session
14 Meals Per Week	$560 per session

NOTE: Rates for the Summer of 2016 can be obtained at the University Bursar's Office in the Fall of 2015.

UNIVERSITY EMPLOYEES

Employee Tuition Waiver

Students who are full-time regular employees at MSU

graduate courses per semester free of tuition charge. Part- time regular employees are entitled to tuition waiver credits proportional to the hours worked based on the maximum of eight (8) credit hours per semester (fall, spring and summer school sessions) on a space available basis. Dependents of MSU regular employees hired prior ro August 7, 2012 (who have been employed at the University for two (2) years prior to the anticipated date of registration for course work) may take a full load of undergraduate and graduate courses. Graduate tuition benefits are eliminated for the dependents of employees who commence University employment on or after August 7, 2012. Tuition waived may be subject to Federal and State taxes. Payment of all University fees, both undergraduate and graduate, is the responsibility of the student. An approved Tuition Waiver form, which may be obtained from the Office of Human Resources, must accompany the payment of fees before registration can be finalized.

Employees and their dependent children may also qualify for limited benefits at other Maryland colleges and universities. The employee must reference the associated institution's policies for the benefits offered and procedures to follow. In addition, the Office of Human Resources may be of assistance.

UNIVERSITY ONE CARD – The "BEARcard"
The BEARcard is the official Morgan State University identification card for all students. It serves as an authorization card for meals, library services and health services; a privilege card for athletic, academic and special events; an access card for residence halls, labs, university facilities, parking lots and garages. All students are required to have a BEARcard, which is issued during the completion of the registration process. All students (and staff) are expected to have their University-issued identification card with them at all times, and are encouraged to wear them.

The University also offers comprehensive banking services which can be linked to your BEARcard for ATM services and much more.

When monies are deposited into one of three spending accounts accessible by the BEARcard, it functions as an on campus debit card for university purchases in the Bookstore, Convenience Store, University Food Court, Montebello Kiosk, Print Shop and more. The initial BEARcard is free; however, there is a $25 fee to replace lost or abused cards. BEARcard processing takes place at the BNC Center, which is located in the Montebello Complex, D-Wing - Room 128.

DIVISON OF ACADEMIC OUTREACH AND ENGAGEMENT

Center for Continuing and Professional Studies

Summer Minimester and ESL Programs

Morgan Online

Office of Community Service

TRIO Programs

DIVISON OF ACADEMIC OUTREACH AND ENGAGEMENT

The purpose of the Division of Academic Outreach and Engagement is to expand the knowledge and instructional services provided by Morgan State University into larger Baltimore City and Maryland metropolitan communities. The Division organizes courses, programs, institutes, and initiatives designed to engage community residents, public officials, and business and civic leaders in the use of knowledge derived from faculty and student research, the sharing of mutually beneficial resources, and the appropriate and timely dispatch of University experts and professionals to collaborate in addressing community concerns.

Chief among the goals of the Division of Academic Outreach and Engagement are:

facilitating the concentration of scholarly research, creative activities, and public service programs within a defined radius (i.e., the Morgan Mile) around the University in order to give significant priority to solving difficult social problems prevalent in urban communities like Baltimore;

facilitating the civic engagement, community service, volunteer, and research activities of Morgan's faculty and students to improve academic performance among students enrolled in the public schools, promote economic development, enhance public safety and improve the health and social welfare of those residing in local communities;

assisting in the internationalization of the University's curriculum, programs, and campus activities, in order to expand its relationship with people and institutions from a variety of countries and to enhance and diversify the learning experiences for students;

developing collaborative relationships with small businesses, libraries, public officials, community and civic organizations to promote lifelong learning and increased employment opportunities; and,

facilitating the extension of the research, instruction, and public service of faculty and students to improve the cultural and social quality of life for the residents of communities surrounding the University.

The Division is comprised of: Morgan State University's e-Campus including online degree programs in Community College Leadership, Electrical Engineering, and Project Management as well as certificates and courses that are offered on-line; the Center for Continuing and Professional Studies including standard qualifying testing, credit and non-credit courses, and professional education units (CEUs) offered at on and off campus locations; Summer Sessions; Minimester; English as a Second Language (ESL) programs; and the Office of Civic Engagement and Community Outreach which coordinates student volunteers to more than thirteen (13) campus based service programs as well as numerous community based service programs. The Division of Academic Outreach and Engagement also administers two of the three Federal Trio Programs including the Educational Talent Search (ETS) and the Upward Bound Programs. Questions about the Division of Academic Outreach and Engagement should be directed to:

Maurice C. Taylor, Ph.D., J.D.
Vice President for Academic Outreach and Engagement
Morgan State University
206 McKeldin Center
Baltimore, MD 21251

(443) 885-4686 (Phone) (443) 885-8130 (Fax)

maurice.taylor@morgan.edu

CENTER FOR CONTINUING AND PROFESSIONAL STUDIES

The Center for Continuing and Professional Studies (CCPS) is committed to serve the lifelong educational needs of traditional and non-traditional students pursuing undergraduate, graduate, professional, and personal growth aspirations.

The mission of CCPS is to serve the lifelong educational needs of traditional and non-traditional students pursuing undergraduate, graduate, professional and personal growth aspirations. In keeping with the mission of Morgan State University, CCPS has as its primary focus the delivery of services to non-traditional students. This system of services includes programs that culminate with the acquisition of a baccalaureate degree as well as those programs that are designed to meet personal and career development needs of individuals.

Matriculating students must follow the usual application procedures for admission to the University, successfully complete the general education requirements of the

University, and all other requirements for their chosen major. Generally, the programs housed within CCPS meet the specific needs of individuals at any point in their educational development. This affords the opportunity for students to explore learning experiences in a variety of formats, such as Independent Study, Non-credit Courses, Workforce Development, Special Workshops, Intensive Institutes and Conferences.

Grounded in our belief in lifelong learning and community collaboration, the CCPS coordinates a variety of educational activities and community services for learners from culturally diverse populations in Baltimore City, the State of Maryland, nationally and internationally.

CCPS is privileged to provide scholarship and tuition assistance for qualified students. Among the scholarship and tuition assistance programs offered through CCPS are:

Bernard Osher Scholarship. The Osher Re-entry Scholarship Program for adult students. Based on the success of the program, in 2011, The Bernard Osher Foundation provided a $1 million dollar endowed gift to continue the support of the Osher Re-entry Scholarship Program.

The criteria of eligibility for the Osher Scholarship are as follows:

currently enrolled as a part-time or full-time MSU student,

returning to the University after a gap of 5 or more years,

pursuing a Bachelor's degree,

between the ages of 25-50,

U.S. Citizen and Maryland Resident, and

have a GPA of 2.7 or higher,

The Dr. Beryl W. Williams Scholarship. The Beryl W. Williams scholarship was established in honor of Dr. Beryl W. Williams upon her retirement in 1981 as Dean of Continuing Studies at Morgan State University. Dr. Williams believed that continuing education was of great and lasting value and as the workforce changed there would be a need for people to retool their skills. Over the years, private donors and organizations, particularly the Baltimore Alumnae Chapter of Delta Sigma Theta Sorority, Inc. have supported the Beryl W. Williams scholarship. Each year, a Continuing Studies undergraduate, non-traditional student enrolled in day, evening and/or weekend classes is selected for the scholarship award. The criteria of eligibility for the Beryl W. Williams Scholarship are as follows:

be a U.S. Citizen.

be an undergraduate, non-traditional matriculating student (age 24 or older) enrolled at Morgan State University.

have completed between thirty-fifty (30-55) credit hours at Morgan State University.

have achieved a minimum cumulative grade point average of 3.00.

have earned a minimum of six (6) credit hours each Fall/Spring Semester.

Tuition Waiver for Senior Citizens. The Morgan State University Board of Regents has approved a general policy of tuition waiver for persons in certain categories, among whom are senior citizens. See http://www.morgancounsel.org/files/T-9.pdf. Tuition benefits afforded under this Policy are subject to change. Students receiving tuition benefits at the time a policy change occurs may continue to receive the benefits through the end of the semester in which the policy change occurs and changes to the available tuition benefits shall become effective the next semester. Within the President's sole discretion, certain programs of study may be exempted from this policy.

Maryland statute (Education Article §14–107) defines “Senior citizen” as any resident of the State who is:

60 years of age or older;

retired and whose chief income is derived from retirement benefits; and

not employed full time.

The criteria of eligibility for the tuition waiver under the University's policy for senior citizens are as follows:

Senior citizens, unless they are otherwise covered by this Policy, shall be admitted and entitled to tuition waiver for any scheduled credit or non-credit course (graduate and undergraduate), for as many as three (3) courses per semester on a space available basis, not to exceed nine (9) credits per semester.

The University may not allow a senior citizen to enroll in a degree granting program, unless the senior citizen meets the admission standards of the University.

The University may not permit the full-time equivalent enrollment of senior citizens for whom tuition has been waived to exceed 2 percent of its undergraduate full-time equivalent enrollment.

At the end of each semester, the President shall report to the Board of Regents on the number of senior citizens participating under the provisions of this policy.

Academic and Professional Development Courses

The CCPS offers instructional services for academic credit and for professional development. These instructional services include certificate programs, non-credit courses, continuing education units/professional development hours, and workforce development training opportunities.

Certificate Programs

The CCPS administers certificate programs in Bioinformatics, Health Leadership and Management, Museum Studies and Historical Preservation, Project Management, and Urban Planning and Health Management. Please check the Center's website for updates regarding certificate programs.

Non-Credit Courses

Our continuing education program offers a variety of non-credit courses focused on workforce readiness, professional development and personal enrichment. Our cadre of professors provide high-quality instruction to a diverse population from various ethnic, linguistic and cultural backgrounds.

Continuing Education Units (CEUs)/Professional Development Hours (PDHs)

As an accredited academic institution, Morgan State University offers Continuing Education Units (CEUs) and Professional Development Hours (PDHs) and sponsors activities for CEUs/PDHs for university departments, organizations in the State of Maryland, and nationwide. CCPS is the authorized unit at the institution responsible for awarding, administering, and reviewing CEUs/PDHs procedures to ensure compliance with established criteria.

Workforce Development

The CCPS offers courses tailored to meet workforce development and/or training needs of individuals and organizations. For organizations, we provide cost-effective solutions that allow the delivery of courses on Morgan State's campus or at locations convenient for participants. We offer several options to individuals for course delivery including: online, face-to-face, or through our intensive institute course format.

Independent Study

Students who petition independent study courses must be juniors with a minimum cumulative grade point average of 2.5 and are allowed to take no more than two (2) courses independently during a semester. If a failing grade is received in any course, that course may not be repeated as independent study. All students pursuing independent study classes must receive approval from the chairperson and the dean of the requested course. The Independent Study Program process begins in the Center for Continuing and Professional Studies.

Community Partnerships

Summer Programs

Morgan State University hosts a variety of summer programs, to include participants from University departments, Baltimore City, and surrounding communities. The University partners with area schools and community based organizations to provide academic enrichment programs and recreational activities for adults and children. Program applications are submitted and processed through the Center for Continuing and Professional Studies.

Educational Testing Service

In partnership with the Educational Testing Service (ETS) in Princeton, New Jersey, The Center is a Certified Test

Administration Site (CTAS) for the Internet-based Test of English as a Foreign Language (TOEFL iBT). Testing sessions are conducted on scheduled Fridays and Saturdays. Candidates travel from the Baltimore area, Delaware, Pennsylvania, Virginia and the District of Columbia to take this admissions examination.

Continuing Studies Student Programs

The CCPS offers unique programs to support, honor, recruit, and retain adult and continuing students who are pursuing their studies through credit (degree programs) and/or non-credit courses. The following programs are offered by CCPS.

Alpha Sigma Lambda Continuing Education National Honor Society.

The Alpha Sigma Lambda Honor Society recognizes and honors those dedicated adult students who, while adroitly handling their life responsibilities, achieve and maintain high scholastic standards. To the adult learner in higher education, Alpha Sigma Lambda stands as an inspiration to scholastic growth and an invitation to associate with similarly motivated students. The Morgan State University Gamma Pi Chapter of Alpha Sigma Lambda was initially chartered in 1984 and after an eleven year absence from the campus, it was reinstituted in 2007. To be eligible for membership into Alpha Sigma Lambda students must:

be at least 24 years of age;

have completed a minimum of 24 credit hours earned at Morgan State University in an undergraduate degree program;

have earned at least 12 credits in Liberal Arts/Science courses; and,

have a minimum grade point average of 3.2 on a 4.0 scale.

Improved Opportunities for Parents (IOP) Program

The Improved Opportunities for Parents (IOP) Program is supported by Morgan State. Located in the Center for Continuing and Professional Studies (CCPS), the program is designed to assist individuals, especially parents, in obtaining a bachelor's degree. The IOP program facilitates college matriculation for community residents who would not otherwise pursue the bachelor's degree.

For additional information about the Center for Continuing and Professional Studies and/or any of its programs contact:

Willie A. Bragg, Ph.D.
Assistant Dean, School of Graduate Studies
Director, Center for Continuing & Professional Studies

Morgan State University
308 McKeldin Center
Baltimore, MD 21251

(443) 885-3155 (Phone) (443) 885-8204 (Fax)

willie.bragg@morgan.edu

SUMMER SESSION, MINIMESTER AND ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAMS

Morgan State University is the premier source for individuals seeking academic and personal enrichment courses year round. In addition to courses offered during the fall and spring semesters, students may enroll in courses offered in the Summer Session and in an intensive four week winter Minimester.

SUMMER SESSION

The Summer Sessions offer courses in selected fields of study. The credits received during the Summer Sessions are applied toward the appropriate degree, provided all other requirements are met. The maximum number of credits that may be pursued at Morgan per Summer Session is eight (8). Currently, Morgan offers two Summer Sessions with classes during day and evenings hours to accommodate a variety of schedules. Authorization for schedules in excess of eight credits must be secured from the Dean of the school or college in which a student is enrolled. Non-Morgan students must contact the Office of Admission and Recruitment prior to registration for the Summer Sessions. They must present a letter of approval from their home institution for the classes they plan to take and an official transcript which must be submitted with the application. Non-Morgan students may pursue eight (8) credits per

Summer Session and have their credits transferred to their home institutions.

WINTER MINIMESTER

The Minimester provides students the opportunity to pursue classes during the three-week winter break. The Minimester is also open to non-Morgan students. Students may register for no more than two (2) courses during the Minimester. The credits received during the Minimester are equivalent to credits earned during the regular semesters.

ENGLISH AS A SECOND LANGUAGE

The English as a Second Language (ESL) Program at Morgan State University is committed to providing intensive language instruction and rich local and regional cultural experiences which will empower our students that are learning English as a second language to become successful students in the mainstream classroom and productive members of our community at home and beyond. At Morgan, learning a language is much more than memorizing a set of rules – it is a dynamic, vibrant experience.

As students explore our ESL programming, they will find that we offer excursions to local museums like the Walters, to spirited athletic events such as Orioles baseball games, and to picturesque areas like Lancaster County, Pennsylvania. We also endeavor to pair our ESL students with students from our undergraduate student body for the mutual exchange of linguistic and cultural experiences. It is through these exchanges that students might make lasting connections to Morgan State University and to our community.

The ESL Program at Morgan State University consists of three interrelated components: language instruction, cultural immersion and educational field experiences. The program's foundational aim is to increase students' oral and written proficiency in standard American English. This is accomplished through classroom and laboratory-based education in spaces designated for ESL instruction. However, our programs extend beyond the conventional classroom. We immerse our students in the English language through the study of American and African-American popular culture that includes a series of lectures, workshops, and excursions. This communicative approach is proven to reinforce language instruction by emphasizing meaningful speech, vocabulary acquisition and oral communication over simple content mastery.

Our programs reach past our community's vicinity to take full advantage of our geographic proximity to Washington, D.C., Philadelphia and New York City. This method gives international students critical context for understanding American culture and integrating into the University community. We are focused on culture and language immersion: we journey with our students as they delve into cultural events at the University, throughout the city of Baltimore and beyond.

The following courses form the basis for our ESL curriculum. Based on their TOEFL scores and/or previous learning, students may begin their ESL programming with:

ESL Beginning Literacy (Level 1)

ESL Beginning Low (Level 2)

ESL Beginning High (Level 3)

ESL Intermediate Low (Level 4)

ESL Intermediate High (Level 5)

ESL Advanced Low (Level 6)

ESL Advanced High (Level 7)

Regular programming for the Baltimore community and beyond includes all seven levels of ESL listed above as well as:

English for specific purposes (nursing, health professions, business, government, sciences, engineering, etc)

Conversation

Customized programs

Online programs available 24/7

TOEFL preparation

Additional intensive English language programming may also be available. For more information contact:

Elizabeth S. Gunn, Ph.D.

Director, ESL Program

Associate Professor,

World Languages and International Studies

Morgan State University

Holmes Hall 311-D

Baltimore, MD 21251

443-885-3094 (Phone)

elizabeth.gunn@morgan.edu

For additional information on the Summer Session, Minimester, English as a Second Language, and/or other special programs offered through the Division of Academic Outreach and Engagement contact:

Agnès Moon, MFA

Director Summer School, Minimester,

and Special Programs

Morgan State University
203 McKeldin Center
Baltimore, MD 21251

(443) 885-4694 (Phone)

agnes.moon@morgan.edu

MORGAN ONLINE

Morgan Online provides students with an opportunity to pursue academic degree programs and courses as well as pursue workforce and professional development training to advance in their occupations. The educational quality of courses taught online is of paramount importance to the faculty and administration at Morgan. To ensure the quality of the teaching and learning of online programming at Morgan, online courses are taught by Morgan faculty with the same levels of expertise in their disciplines and commitment to student-centered learning as faculty who teach in face-to-face campus based programs. Indeed, many Morgan Online faculty also teach classroom-based courses.

Online degree programs and courses must be approved by departmental, school and institution-wide curriculum review committees and processes are in place to ensure that these degree programs and courses are assessed for excellence and quality in student learning. For example, all Morgan Online courses are developed using the Quality Matters standards for excellence in online course design and faculty must complete Morgan's online course design and delivery workshop prior to teaching online.

Additionally, Morgan is a charter member of Maryland Online (http://www.marylandonline.org/) which is an innovative consortium of Maryland community colleges, colleges, and universities, dedicated to championing distance education and enhancing the quality and availability of e-learning in Maryland and worldwide. Maryland Online serves member institutions as well as distance learning students and professionals worldwide by providing leading-edge programs and services that facilitate students' access to high-quality distance education courses, certificates, and degree programs; providing professional development opportunities and resources for faculty and others concerned with enhancing and assuring quality in distance education offerings; and promoting research and advance principles and best practice in e-learning.

Finally, in addition to departmental, school/college, and University review online degree and certificate programs must also be approve by the Maryland Higher Education Commission. Morgan Online degree programs and courses also conform to the Middle States Commission on Higher Education, its regional accrediting organization, as well as conforming to the requirements of a number of other state and accrediting organizations.

ONLINE DEGREE PROGRAMS

Morgan is approved by the Maryland Higher Education Commission to award three on-line degrees, including the doctorate (Ed.D.) in Community College Leadership, a Master of Science (M.S.) degree in Electrical Engineering, a Bachelor of Science degree (B.S.) in Electrical Engineering (2+2 Program), and a Post-Baccalaureate Certificate in Project Management. Post- Baccalaureate and information about the Graduate programs may be found on the Morgan online website at www.morgan.edu/online.

The Electrical and Computer Engineering 2+2 Online Program. The Electrical and Computer Engineering 2+2 Online Program (2+2 ECE program) at Morgan State University provides an opportunity for students to complete the second half of a 4-year electrical engineering degree at their current community college, collaborating institution, or from any other location with appropriate online computer access. In striving to develop a program of the highest quality, the 2+2 ECE program seeks to instill in students the confidence and competence required to meet the challenges associated with achieving and maintaining

highly successful careers in electrical and computer engineering. Key features of the program include:

The 2+2 ECE program allows students to complete the 3rd and 4th year of a 4-year degree program completely online and receive a BSEE in Electrical Engineering from Morgan State University.

Designed for graduates of the Associate degree in Electrical Engineering from another University or Community College.

All laboratory courses may also be completed online

Highly qualified innovative and motivated faculty committed to students' success

State of the art facilities

Inclusive research philosophy for undergraduate students

A supportive learning environment

Allows a maximum of seventy (70) credit hours from a community college or 4-year institution towards fulfillment of the minimum one hundred thirty-three (133) credit hours required for baccalaureate completion.

The ECE 2+2 program also features strong industry, government, and alumni connections and support. Student may apply for financial assistance. Students may complete the Morgan ECE 2+2 program part time or full-time, online or face-to-face, or in any combination thereof

Total Credits

In order to fulfill the 133 credits require for the bachelor's degree students must complete, including credits transferred from the community college or other college or university, students must satisfactorily complete:

General Education (48/49 credits);

University (2 credits);

Mathematics & Science (24 credits);

Engineering Core (43 credits);

Electives or Concentration (15 credits)

Admission requirements

Students must maintain a 2.0 cumulative grade point average at the community college or sending institution in order to transfer 56 – 70 credits.

For more information about the Electrical and Computer Engineering 2+2 Online program at Morgan State University contact:

Dr. Petronella James,
Director of Online Programs & Assessments
Morgan State University
Room 231 Schaefer Engineering Building
Baltimore, MD 21251
(443) 885-3911 (Phone) (443) 885- ____ (Fax)
email: morganecedept@gmail.com

STUDENT IDENTITY VERIFICATION

In an effort to verify the identity of students enrolled in online degree programs and courses at Morgan, students should expect the following practices:

All students are required to submit a recent photograph upon admission to the program. In addition, a writing sample submitted as part of the application package is used as the basis of an interview that is conducted before an admission decision is made. The writing sample, the photograph and interview notes are kept on record.

All on-line classes employ Adobe Connect as a delivery technology. This program has both video and audio capability.

A student cannot enroll in a course without using his/her Morgan student ID number.

All communication is done through the students' Morgan email account.

While no one of the above practices provides incontrovertible proof of identity, taken together they provide a high level of verification. As in the case where students are enrolled in face-to-face classroom settings,

verification of the identities of students enrolled in the on-line courses rests with the faculty.

ONLINE TOOLS AND SKILLS

Computer Basics: To take courses online you will need to own a working computer, laptop, netbook, or tablet in order access Morgan's internet web site. You will also need to good file management skills including where you're saving a document, and how to retrieve it.

Internet Skills: You will need to understand and be familiar with basic browser techniques including how to deal with browser errors. Your internet browser will need to be compatible with the Blackboard platform, Morgan's online course management software.

Basic Word Processing Skills: You will need to be able to create, save and submit your work using basic document editing techniques. You may want to take one or more online document handling/editing tutorials prior to enrolling in an online course.

FINANCIAL AID

Students enrolled in online degree programs and/or courses at Morgan are eligible to apply for financial aid. Depending upon available resources and criteria for eligibility, graduate as well as undergraduate students may be eligible to receive financial aid in the form of tuition awards, scholarships, and loans. In order to apply for financial aid, undergraduate students must submit a completed Free Application for Federal Student Aid (FAFSA). Graduate students must submit a completed Application for Assistantship and depending on the type of financial aid may be required to submit a FASFA. A new FAFSA form must be completed for financial aid each year that a student is enrolled even if a student has previously applied for or received aid.

The University's Financial Aid Office coordinates the award and posting of all financial aid to students' accounts. Federal work-study and direct loan programs are only available through the University's Financial Aid Office. The Financial Aid Committee of the School of Graduate Studies reviews applications and/or nominations for financial aid for students enrolled in online degree programs and courses. Students who will be taking at least 6 credits may also apply for federal financial aid for the summer sessions.

The Federal Work-Study (FWS) Program provides opportunities for students to work at on-campus or at off-campus nonprofit public service agencies. The primary purpose of the (FWS) program is to permit the student to earn funds for the following year. The Free Application for Federal Student Aid form must be on file in the Office of Financial Aid at Morgan State University.

The Federal Direct Loan (FDL) Program offers Direct Subsidized and Direct Unsubsidized loans to students. Under the Direct Loan Program, the Federal Government makes loans to students through the University. For the Direct Loan Program, like the Federal Family Education Loan (FFEL) Program, the University determines the applicant's eligibility and annual loan amounts. Applicants must be in good academic standing. The completed request must be submitted to the Office of Financial Aid at least three months prior to registration. The Free Application for Federal Student Aid form must be on file in the Office of Financial Aid at Morgan State University. The School of Graduate Studies does not offer any financial aid in the form of loans.

For additional information about Morgan Online and/or any of its programs contact:

Cynthia Brown-LaVeist,
Director, Morgan Online Engagement
Morgan State University
201 McKeldin Center
Baltimore, MD 21251

(443) 885-4720 (Phone) (443) 885-8130 (Fax)

cynthia.brownlaveist@morgan.edu

THE OFFICE OF

COMMUNITY SERVICE

The Office of Community Service (OCS) at Morgan State University was created in November 1993 to design, develop and implement dynamic community service programs to boldly address the educational, social, cultural, and recreational needs of the under-educated, under-represented, educationally "at risk" and homeless residents of the Baltimore metropolitan area.

Because Morgan is the public urban University for the State of Maryland, the Office of Community Service is responsible for establishing community programs which

will provide students with the opportunity to understand urban life and phenomena. With this in mind, the Office of Community Service provides Morgan State University students with the training, supervision, support, recognition, and evaluation needed to participate in structured community volunteer programs.

Additionally, the Office of Community Service provides the students at Morgan State University with effective and challenging community service programs which address the social, cultural, educational and recreational needs of the residents in the Baltimore Metropolitan Area. As a result of participating in a community service learning program, Morgan State University students not only relate their classroom learning to the fealities of life, but they also realize that by helping to improve the lives of others, they improve the lives of residents in the Baltimore community, the State of Maryland, the nation and the world.

By organizing multi-dimensional, holistic programs that involve university students, faculty, staff, community organizations, government agencies, businesses, Baltimore City school children and their families, the Office of Community Service positively impacts some of the problems that hinder the inner city population. Operating consistent with the University's mission statement, the Office of Community Service has created the following programs:

Office of Community Service Programs

BROTHER-TO-BROTHER is dedicated to working with male high school students throughout Baltimore City. Morgan male volunteers work with students engaging them in activities that are designed to teach self-awareness, leadership and responsibility. Morgan student mentors will work with students to help them increase their knowledge in different areas of education. In addition, Brother to Brother provides information on conflict resolution, sex education and avoiding drug abuse.

CAMPUS PALS gives elementary and middle school students throughout the nation an opportunity to visit and learn about a prominent HBCU (Historically Black College/University). The tour guides that assist with the program are Morgan student volunteers. On the tour, the visitors get a glimpse of our dormitories, sports facilities and academic buildings. By the end of the tour, all of the information the visitors receive will give them an incentive to maintain good grades, work diligently and apply for college.

JAHOD is a unique program for adolescent females who attend Baltimore City Schools. The goal of Jahod is not only to expose the females to everyday societal problems but also to strengthen their minds through mentoring and academic tutoring. The coordinators and tutors are all Morgan students striving to reach scholastic excellence as well as trying to create a positive environment for young females. Through the program, the mentors try to instill in each female the fact that personal success is tangible.

KUUMBA was created in an effort to address the needs of many young people who are ill-prepared for life's challenges. The primary goal is to reduce juvenile violence, delinquency and truancy by improving the educational performance and developing the life survival skills of juveniles. The program's mission is to raise the educational aspiration levels of juveniles by affording them continuing exposure to the University's environment. The program participants' ages range from 11-15.

KWANZAA is an African American holiday celebrated by Morgan State University on the first Saturday in December. Children throughout the City of Baltimore are invited to the campus to learn about the fundamental values and traditions upon which African people have built a civilization, culture and character. Music, games, exhibits, food, dance and storytelling and a number of other activities are used to explain the Seven Principles of Kwanzaa.

MSU TUTORING CORPS provides in-school and after-school educational, social and cultural learning opportunities to students in the Baltimore area. The goal of the program is to help other programs reduce the dropout rate of African American youth in public schools. Creative tutoring, stress management, methods of problem solving and positive communication skills are emphasized to improve reading, writing and math skills.

MUSIQUE is a music program that works with middle school females in the creation of an innovative learning environment. In this environment, the middle school youth receive basic vocal and instrumental instruction that will empower and instill in them a sense of achievement and confidence. Throughout the course of the music program, the Morgan musicians and students will attend and present a number of concerts and recitals.

MORGAN VOLUNTEERS PROVIDING SUPPORT (M.V.P.S.) recruits and trains Morgan students for

community service projects. It also promotes team building, civic involvement and increases the interaction between faculty, staff and students. The students that are recruited work with several community service programs as well as programs inside the Office of Community Service to help promote positive community involvement and strong University-to-Community relationships.

NIANI is an after school program designed to provide educational, social, cultural and leadership learning opportunities for elementary children in order to help them excel on national and statewide standardized tests. The program utilizes creative tutoring, anger management, methods of problem solving, positive communicative skills, African American enrichment activities and provides leadership opportunities.

COLOUR's mission is to use the arts to cultivate positive personal development and high self-esteem. The students from Baltimore City Public Schools are exposed to various forms of cultural and performing arts, which promote self-confidence, character building and creative growth. The staff of Morgan students offers enrichment classes in visual arts, music, dance and drama while providing examples of positive role models to the program participants.

SASY is a big sister/little sister program for high school females. Topics that focus on health, beauty, sex education, male-female relationships and postsecondary education are used to promote self-pride and sisterhood. A group of young Morgan women mentor high school females to help better their social skills. The ultimate goal of SASY is to bring young ladies together in an environment that promotes sisterhood. Incorporated are activities that center around the four program components.

YAATENGA is a tutoring and mentoring program for elementary school students designed to help them in the areas of academic enrichment, social behavior, character building and mental and physical health. The program works to provide "at risk" children with a positive academic and social atmosphere, as well as instill in them the importance of positive social behaviors and the consequences of negative behaviors.

AYA's purpose is to enhance the feeling of self worth of young women between the ages of 14 and 18. This is a program of female students who are randomly selected through the advisement of guidance counselors in the high schools of Baltimore City. The ultimate goal of this program is to empower the participants so that they can achieve academic excellence.

DYNAMIC DIVA is an innovative social program designed to help students in the areas of self esteem, character building, confidence and self worth. The program annually hosts a fashion extravaganza that allows high school students to model with college students through fashion shows. Students learn about the fashion and design industry as well as modeling techniques. For additional information about the Office of Community Service and/or any of its programs contact:

Deanna V. Ikhinmwin

Director

Office of Community Service

209C Montebello Building

(443) 885-4528 phone (443) 885-8267 fax

Deanna.Ikhinmwin@morgan.edu

TRiO PROGRAMS

The term "TRiO" describes the original three federally funded educational opportunity programs including Upward Bound, Educational Talent Search and Student Support Services. The primary purpose of the TRiO programs is to prepare low-income/potential first generation college students for successful entry into, retention in and completion of postsecondary education. The Division of Academic Outreach and Engagement is host to two TRiO programs, Upward Bound and Educational Talent Search.

MORGAN'S UPWARD BOUND PROGRAM

Morgan's Upward Bound is designed to enhance the academic and personal skills of high school students for college admission, retention and graduation. Additionally, students are provided opportunities to be exposed to cultural and career activities and experiences. Upward Bound is a supplementary program that enhances the regular high school curriculum.

The mission of Morgan's Upward Bound Program is to provide first-generation, low-income high school students with access to postsecondary education as full participants. The program will assist students to overcome barriers by providing the following services during the academic year component: instruction in English literature and composition, critical reasoning, mathematics, science and foreign language, individual and group academic and career

advisement, exposure to cultural activities, tutorial services, information on post-secondary educational opportunities, information on student financial assistance, assistance in completing college admission requirements and financial aid applications, and exposure to the range of career options especially those where program participants are under-represented.

Eligibility

While there is no cost to participants in Morgan's Upward Bound Program, students must live in our target area or attend one of our target schools. Morgan's target high schools are: WEB DuBois, Reginald Lewis, Mergenthaler Vocational Technical, and Martine Industry Academy. Target areas are zip codes 21202, 21205, 21206, 21213, 21214, 21218, 21234 and 21237. Students must also meet the income criteria or the first generational college student status as defined by the U.S. Department of Education. For more information about Morgan's Upward Bound Program contact:

Connie McDonald, M.Ed.

Director, Upward Bound
Morgan State University
1700 E. Cold Spring Lane
114 McKeldin Center
Baltimore, MD 21251
(443) 885-3448 (phone) (443) 885-8276 (fax)

connie.cooper@morgan.edu

EDUCATIONAL TALENT SEARCH

School choice and a concentration of students from families with incomes below the State and national averages have significantly impacted the fabric of the East Baltimore community served by Morgan's Educational Talent Search (ETS) program thereby increasing the need for services, partnerships, and collaborations to meet the myriad of needs required for secondary school success.

Objectives

The primary objectives of Morgan's ETS program are to identify qualified program participants from disadvantaged backgrounds with the potential for academic success at the post-secondary level and encourage them to complete secondary school and to undertake and complete a program of postsecondary education. All newly admitted participants receive an individualized assessment of needs and a personal plan for development after they have enrolled. Among the services provided to program participants are: high quality tutorial services, assistance in completing applications for student financial aid for college ready participants to pursue postsecondary educational opportunities, initiatives to improve financial literacy and financial planning of families, connections and supports for participants enrolled in a rigorous secondary school program of study, and programming and partnerships for individuals who have not completed educational programs at the secondary or postsecondary level, but who have the ability to do so, to enter these programs.

Morgan's ETS program serves students between the ages 11and 27, proudly enrolling over 600 students every year including participants from our target schools including, but not necessarily limited to:

Bluford Drew Jemison-East

Friendship Academy of Science & Technology

Heritage High School

National Academy Foundation

Reginald F. Lewis High School

W.E.B. DuBois High School

Walter P. Carter Elementary/ Middle School

Maritime Industries Academy

Eligibility

In order to participate in the Morgan Educational Talent Search Program Criteria students must meet at least one of the following criteria: be a potential first-generation college attendee; meet income requirements mandated by the Department of Education (i.e., be from a low income family); live in the target Northeast Baltimore area (within zip codes 21205, 21206, 21212, 21213, 21214, 21218, and 21234); or attend one of our target schools listed above. Students who attend target schools do not have to reside in the target area zip codes. For more information about Morgan's Upward Bound Program contact:

Dr. Trista S. Avent
Director Educational Talent Search Program
Montebello Complex- D321-2
Morgan State University
1700 E. Cold Spring Lane

Baltimore, MD 21251
(443) 885-3953 (office) (443) 885-8320 (fax)
tanae.harris@morgan.edu

ACADEMIC AFFAIRS

Undergraduate Admissions

Transfer Center

Financial Aid

Veteran Services

Academic Policies

Requirements for Graduation

Cooperative and/or Pre-Professional Programs

University Honors Program

Center for Academic Success and Achievement

Office of Student Retention

Student Accessibility Support Services

Student Publications

Continuing Studies Programs

Office of Undergraduate Admission & Recruitment

Office of Undergraduate Admission & Recruitment
Montebello Complex D-109
1700 E. Cold Spring Lane
Baltimore, MD 21251
(443) 885-8500 (Telephone)
1-800-332-6674
(443) 885-8260 (Fax)

Morgan State University (MSU) is a historically black university with the unique designation as Maryland's public urban university. As such, Morgan serves an ethnically diverse student body and is committed to the academic success and achievement of all its students. The University welcomes applicants with the determination to use their college years for self-improvement, with a desire for a sound education, and with interest in improving their community.

APPLICATION FORMS
Undergraduate application forms may be requested and submitted in one of the following ways:
Via the web at www.morgan.edu
By visiting your high school or community college counselor
By calling the telephone number listed above
By writing to the office address listed above

APPLICATION FEE
A **$35 online** or **$45 paper application** is required with each application and is **non-refundable**. Application fee waivers may be accepted when submitted with appropriate documentation. *Fees are subject to revision.*

WHEN TO APPLY
The application deadlines below are for all degree-seeking students. Application deadlines and policies for Second Bachelor's, non-degree students, and returning students are listed under Non-Traditional Applicants in this section.

Admission Deadlines
Fall Priority Consideration Deadline
If your completed application packet is received or postmarked by **November 15**, then decision notifications will be released no later than **February 15**. Students should apply by this date for best consideration for merit-based scholarships and invitations to special programs.
This is not an early decision program; all admitted students have until May 1 to confirm their enrollment.

Fall Regular Application Deadline
If your completed application packet is received or postmarked by **February 15**, then decision notifications will be released no later than **April 15**.
Applications received after February 15 will be reviewed on a rolling and space-available basis. Decision notifications will be released in the order as received.

International Students (SEVIS* visa group: F1, F2, J1, J2, BE, BP, B1, B2, WB, WP)
Applications are due by **December 1.** If your completed application packet is received by **December 1** decision notifications will be released no later than **March 15**.

There is no need to contact the office for the status of your application as these dates will be adhered to accordingly.

Confirmation Deadline
May 1 is the national confirmation deadline for fall enrollment. Students receiving a decision after April 15 should confirm their enrollment within 30 days of receiving the decision notification. A **$150 non-refundable** confirmation fee is required. *Fees are subject to revision.*

Spring Admission Deadline
Applications are due by **January 10**. Decisions will be released on a rolling basis for spring (January) enrollment.

International Students (SEVIS* visa group: F1, F2, J1, J2, BE, BP, B1, B2, WB, WP)
Applications are due by **August 1.** Decisions will be released on a rolling basis for spring (January) enrollment.

*SEVIS: Student Exchange Visitor Information System
International Students can only receive an F-1 visa from Morgan State University.

ADMISSION REQUIREMENTS
First Time Freshmen
Application Requirements
Online or Paper Application
Application fee or acceptable fee waiver
Official high school transcript
SAT or ACT scores
One 500 word essay

One teacher or counselor letter of recommendation

Academic Requirements
All applicants are expected by graduation to have met the following minimum high school course requirements:
English – 4 years or state-approved equivalent
Science – 3 years or state-approved equivalent: two must be in different areas, with at least one lab experience

History or Social Sciences – 3 years or state-approved equivalent
Mathematics – 3 years or state-approved equivalent: including algebra I or applied math I, formal logic or geometry, and algebra II or applied math II. A fourth year of mathematics is strongly recommended.
Foreign Language or Advanced Technology Education – 2 years or state-approved equivalent
We assess each category through a combination of quantitative and qualitative criteria. Criteria are flexibly applied, so the listing below does not reflect order of importance:

Criteria Considered in the Application Review Process:
The student's academic performance in high school
The rigor of the high school's academic program
Strength of curriculum
Honors , AP, and IB courses
Progression of Performance
SAT I (combined critical reading and math) and/or ACT scores
Class rank (if utilized by the high school)
The student essay
Quality of content and grammar
Extracurricular activities
School counselor and teacher recommendations
Leadership in school/community activities
Unique talents and/or abilities may be taken into consideration
Personal experiences and background may be taken into consideration
Maryland residency may be taken into consideration
Alumni affiliation may be taken into consideration

Transfer Students
0-11 *transferable credits with a G.P.A. of 2.0 or higher and meet the regular freshmen requirements.
12-23 *transferable credits with a G.P.A. of 2.0 or higher as well as a G.P.A. of 2.0 or higher from high school.
24 or more *transferable credits with a G.P.A. of 2.0 or higher.

*Please note: developmental and/or remedial classes are not transferable. Official high school transcripts are required only for students who are transferring with less than twenty four (24) credits. Students are expected to have a cumulative average of 2.0 from all colleges attended and to be "in good standing" at the last institution attended.

G.E.D. Applicants
G.E.D. Tests starting January 2014:
G.E.D. recipients must earn a total score of 150 (State of Maryland's Requirement)

G.E.D. Tests prior to January 2014:
G.E.D. recipients must earn a score of 410 on each section of the high school equivalency examination and at least a total score of 2250

G.E.D. Tests prior to January 2002:
G.E.D. recipients must earn a score of 41 on each section of the high school equivalency examination and at least a total score of 225

Standardized test scores and recommendations are not required for G.E.D. applicants.

International Students
Applicants educated under the British system must submit official evidence of at least five (5) passes at the 'O' level, General Certificate of Education (GCE) or equivalent regional exams (W.A.E.C., E.S.L.C., E.A.E.C. etc.) These passes must be with grades of A, B, or C.

Applicants from the Caribbean who write the C.X.C. exams must have passing grades of 1, 2, or 3. Please note that only the classical academic subjects (Math, English Language and Literature, Chemistry, Biology, History, Geography, Physics, Spanish, French, etc.) will be accepted.

Applicants from countries where English is not the medium of instruction, must demonstrate their ability to use the English language by taking the Test of English as a Foreign Language (TOFEL) or the International English Language Testing System (IELTS).
For the TOFEL a minimum score of 550 (paper-based), 213 (computer-based), or 79 (internet-based) is required.
For the IELTS a minimum overall band score of 6.

ADMISSION PROCEDURE
1. The applicant should complete the application and return it to the Office of Undergraduate Admission & Recruitment with the application fee. The application fee is non-refundable. Application fee waivers may be accepted when submitted with appropriate documentation. Each applicant is responsible for the office's receipt of his or her official high school transcript, including final grades with verification of graduation (as it becomes available, and a guidance counselor or teacher recommendation. The transfer applicant must forward official transcripts of all college work attempted or completed, whether or not credit was earned, from all institutions attended.
2. The standardized test required for admission is the SAT Reasoning Test/SAT (R) of the College Entrance Examination Board. All freshman applicants and transfer students, with fewer than 12 transferable college-level credit hours, must have the official results of this test sent to the Office of Undergraduate Admission & Recruitment. To be considered official, scores must be attached to an official high school transcript, delivered by the testing agency or printed from the testing agency's website (for domestic students only). Students should take the test in the junior and/or senior year of high school. Morgan State University's

College Board identification code number is 5416. ACT results may be substituted for SAT (R).

3. Applications which remain incomplete will be canceled. Applications which remain incomplete for lack of final high school or college transcripts will also be canceled. The applications of admitted students who do not enroll for the given term will be canceled.

4. All entering degree-seeking students will be required to demonstrate physician-documented proof of immunity to the following diseases: Diphtheria-Pertussis-Tetanus, Polio, Measles, Mumps, and Rubella.

A Health Entrance Certificate and Meningococcal Immunization Form are available to every admitted student via the web at www.morgan.edu/Campus_Life/Health_Services/New_Students.html. The completed forms, signed by a physician, must be returned to the Woolford Infirmary Health Center by the time of orientation and registration. Students who fail to return the form or to correct any inadequacies in immunity status in a timely fashion will be blocked from spring term registration. (For those students entering in the spring term, noncompliance will result in blocked registration for the following fall term.) The block will be lifted by Woolford Infirmary Health Center as soon as the requirements are filled.

The specific vaccine requirements are listed on the Health Entrance Certificate. Students are responsible for obtaining any immunizations needed to satisfy University requirements from their regular source of medical care prior to arriving on campus.

5. All admission decisions prior to high school graduation are conditional. Students are expected to complete the high school year in a manner that would continue to qualify them for admission and are required to send a final high school transcript, including proof of graduation, or a final college transcript, with all completed course work, to the University prior to their enrollment. If final transcripts are not received by August 1 admission decisions may be rescinded.

EARLY ADMISSION FOR HIGH SCHOOL STUDENTS

Early admission enables a limited number of students to be admitted and to matriculate immediately following the completion of their junior year in high school. Students interested in early admission should apply through the normal application process. Their applications, however, must be accompanied by a letter of recommendation from the high school counselor and principal. Additionally, a letter of recommendation from the student's parent(s) should be included. An official high school transcript should be submitted along with the results of the SAT or ACT. **The high school must agree in writing to award a diploma to students admitted through this program when they complete a minimum of 24 college credits with a "C" average.**

U.S. PERMANENT RESIDENT APPLICANTS

Applicants who hold permanent resident or parole visa status must submit a regular application and list their alien registration number in the space indicated. They are processed for fee purposes as state residents if they have established legal domicile in Maryland for one year. Presentation of an applicant's alien registration card for verification may be requested. Foreign academic records must be translated by an official recognized evaluation service and submitted to the Office of Undergraduate Admission & Recruitment as part of the academic record. Evaluations are accepted from companies that are current members of the National Association of Credential Evaluation Services. An application and all documentation must be submitted by the required deadlines. If a permanent resident is a nonnative English speaker and has resided in the United States for less than five years, a TOEFL or IELTS result is required.

INTERNATIONAL APPLICANTS

Requests for information or admission materials should be made by the required deadline to allow processing by the release dates set by Morgan State University.

International applicants who are accepted for admission usually begin studies in the fall term (late August) or the spring term (late January). The deadline for submitting an application and all documentation is December 1 for the fall term and August 1 for the spring term. Early application submission is strongly encouraged.

Applicants who are accepted for admission will receive the Certificate of Eligibility (Form I-20). This document is used to apply for a student (F-1) visa at a U.S. Embassy or consulate overseas. F-1 students are required to enroll each term as full-time degree candidates and take a minimum of 12 U.S. semester-hour units.

The following procedure should be completed by students applying to the University:

1. Obtain an application and supplemental international student packet via the web or by contacting the Office of Undergraduate Admission & Recruitment.
2. To be considered for admission, applicants are required to complete the official undergraduate and international supplemental applications. A **$35 online** or **$45 paper application** is required and is **non-refundable** (personal check drawn at a U.S. bank or money order drafted in U.S. dollars) must accompany the applications.
3. All international applicants must complete an

admissions file, including:

a. Official or notarized secondary school academic records, showing grades received, annual mark sheets, examination certificates and leaving certificates, as they apply to the educational system in the student's home country. Records must be received for the last three years of secondary school;

b. Official or notarized records (transcripts) of all colleges, universities, post-secondary, or professional schools attended;

c. A notarized English translation of all documents. Translations must be as literal as possible with no attempt to translate information into the United States system of education. To evaluate post-secondary course work, it is necessary for the applicant to use a professional evaluation service at the applicant's expense (approximately $150 USD).

d. Proof of English language proficiency by non-native English speakers by submitting either:

i. An official TOEFL result. All international students who do not speak English as their native language are required to take the TOEFL. A minimum score of 550 (paper-based), 213 (computer-based), or 79 (internet-based) is required. The TOEFL Web site is www.toefl.org. The results will be reported to Morgan if the University is indicated on the TOEFL or IELTS application. The MSU code number is 5416.

ii. An official International English Language Testing System (IELTS) result. minimum overall band score of 6.

iii. An SAT verbal score of at least 470 (this test is optional).

e. Applicants are required to provide official financial statements verifying that a minimum of $27,000 USD is available annually to cover their tuition, fees and living expenses. Acceptable methods of financial verification are described in the supplemental international student application.

4. International students are required to pay out-of-state tuition.

5. International freshman and transfer students with less than 24 transferable credits are required to take the placement test.

VETERAN APPLICANTS

For admission purposes, a veteran may be defined as a current or former member of any branch of the U.S. Armed Services with 12 months (one year) or more of active duty served. In addition to the application form and academic credentials, veterans must also provide the Office of Undergraduate Admission & Recruitment and the Office of Records and Registration with a copy of the DD form 214 verifying military service.

New students are urged to apply early to the University for acceptance as it takes 90 days or more to clear a VA application for educational benefits. Once students have received their acceptance letters, they should contact the Office of Records and Registration to apply for veterans' educational benefits. *For more information regarding Veteran's benefits and services please see the Office of Records and Registration section of this catalog.*

G.E.D. APPLICANTS

For admission purposes, the high school equivalence (General Education Development) examination standards established by the Maryland State Department of Education (or other similar state agencies) will be used as an alternative to high school graduation.

GUIDELINES FOR FRESHMAN ADMISSION

Consideration for admission to Morgan State University is based on high school performance (in grades 9-11) as demonstrated by the grades earned. In some cases, senior mid-year grades are requested and considered in the review of an application. Performance on the SAT Reasoning
Test or ACT is also evaluated.

Freshman candidates will be expected to have completed the following:
English – 4 years or state-approved equivalent
Science – 3 years or state-approved equivalent: two must be in different areas, with at least one lab experience
History or Social Sciences – 3 years or state-approved equivalent
Mathematics – 3 years or state-approved equivalent: including algebra I or applied math I, formal logic or geometry, and algebra II or applied math II. A fourth year of mathematics is strongly recommended.
Foreign Language or Advanced Technology Education – 2 years or state-approved equivalent

GUIDELINES FOR TRANSFER ADMISSION

To be considered for transfer, students must have completed a minimum of 24 credits of transferable college-level work and be in good academic standing; this cannot include remedial or preparatory courses or nontraditional course work, such as Credit for Prior Experience/Learning, Military Science, the College Level Examination Program (CLEP), etc. Students with fewer than 24 transferable credits must comply with the requirements for incoming freshmen and possess the minimum transfer GPA.

General requirements for transfer admission vary, depending on the total number of transferable credit hours completed and the cumulative GPA from all institutions attended. Maryland community college students who have completed the associate degree or students who have completed 56 semester hours of credit with a cumulative GPA of 2.0 or higher on a scale of 4.0 shall be granted direct transfer to Morgan State University as long as the applicant has meet all admission deadlines. Students who have earned fewer than 56 transferable credits or who are transferring from an institution other than a Maryland community college, will be admitted based upon combined cumulative GPA of transferable credits.

Upon official acceptance to the University, students must maintain the established cumulative GPA required for admission (inclusive of current course work) and remain in good academic standing; otherwise, the University's offer of admission will be withdrawn.

Any transfer applicant who has attended Morgan as a non-degree student must possess at least a 2.00 GPA for all course work attempted through the University, even if the applicant is admissible based on course work subsequently completed at other institutions. Students who apply for transfer admission based on their non-degree status must meet the admissions requirements listed above. *For more information on the University's transfer policy and evaluation of transfer credits please see the Transfer Center section of this catalog.*

ADVANCED PLACEMENT (AP)

Students who have had the opportunity for advanced-level work and would like academic credit as well as advanced placement are encouraged to take the Advanced Placement Tests of the College Entrance Examination Board by May of their senior year of secondary school. Arrangements to take the tests are made through the high school counselor or the College Entrance Examination Board, P.O. Box 592, Princeton, NJ 08540. Morgan's CEEB number is 5416.

If a student has already received AP credit at another institution, this credit will be reevaluated. The score received must be equivalent to the minimum score the University accepted at the time the test was taken; otherwise, the credit will not be eligible for transfer. AP credits that are accepted are recorded as transfer credit on University records and figure in the total number of credits earned toward graduation.

Additionally, advanced placement may be awarded for credits earned by high school students in selected University courses upon enrolling as a matriculating student at Morgan State University. Under certain circumstances, high school students classified as juniors or seniors, with a grade point average of 3.0 or better and a letter of recommendation from their high school principal, may be granted permission to take University course work. These students will receive certifications of completion for each course taken. Upon matriculation and approval by the Transfer Center at Morgan State University, the student will be granted advanced placement. *For more information regarding the acceptance and evaluation of AP credits please see the Transfer Center section of this catalog.*

INTERNATIONAL BACCALAUREATE (IB)

Morgan State University recognizes that the International Baccalaureate program represents achievement beyond the standard American high school program and regularly awards advanced standing to students who successfully complete IB course work. *For more information regarding the acceptance and evaluation of IB credits please see the Transfer Center section of this catalog.*

COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)

The College-Level Examination Program® (CLEP) provides an opportunity for students of any age to demonstrate college-level achievement through a program of examinations in undergraduate-level college courses. Morgan State University participates fully in the CLEP program. For evaluation and posting of CLEP test results, students are responsible for arranging with The College Board to have a sealed official copy of examination results sent to the MSU Transfer Center. CLEP credit may not be earned for any course in which a student is currently enrolled, has been previously enrolled and/or earned a grade, or has previously failed. *For more information and a list of accepted courses see the Transfer Center section of this catalog.*

NEW STUDENT ORIENTATION

The orientation program is designed to help new students with their transition into Morgan as well as answer questions about the University. *Please see the Office of Student Success and Retention section of this catalog for more information on freshman orientation and the Transfer Center section of this catalog for more information on transfer orientation.*

PLACEMENT TESTING FOR ENTERING STUDENTS

The Office of Student Success and Retention administers the placement test for entering students. All entering students are required to demonstrate competence in the basic skills of reading, writing and mathematics. All matriculating freshmen and all transfer students with fewer than 24 credits will be administered diagnostic placement tests. *Please see the Office of Student Retention section of this catalog for more information regarding placement testing and exemptions.*

NON-TRADITIONAL APPLICANTS

Mature Students

A mature student is defined as any student out of school continuously for three or more years. A mature student is admitted regardless of the previous college or high school record. Transfer students with less than 12 credits must provide proof of high school graduation.

Second Bachelor's Degree
The Second Bachelor's Degree Program is designed to meet the needs of college graduates who wish to attain proficiency in a different major field. To be eligible for admission, applicants must hold a baccalaureate degree from a regionally accredited institution and must have a 2.00 cumulative GPA from the degree granting institution and **all** institutions attended after the degree was earned. Applicants must meet regular admission deadlines.

A maximum of 90 transferable credits of undergraduate course work will be applied toward the second bachelor's degree. In addition, students must complete a minimum of 30 units in residence at MSU and meet all the requirements of the "new" major. Each student must complete writing and speech proficiencies, which are University requirements. *Please refer to the Policy for Students Pursuing a Second Bachelor's Degree in the Academic Affairs section of this catalog for additional information.*

Non-Degree Seeking Students
Applicants who qualify for admission but do not desire to work toward a baccalaureate degree may be admitted as non-degree-seeking students. Applicants must submit transcripts and meet regular admission requirements. Applicants must also meet regular admission deadlines.

Non-degree-seeking students who are taking classes to transfer immediately back to another institution may apply without submitting academic transcripts. These applicants must, in lieu of transcripts, submit official documentation from their home institution granting permission to take course work at Morgan State University for that particular semester.

RETURNING STUDENTS
Students returning to the University after a separation of one semester or more should contact the Office of Records and Registration for a readmission application and all corresponding information.

ADMISSION TO DEGREE PROGRAMS
Admission to the University does not constitute admission to particular degree programs. Students should contact individual departments or Deans in appropriate schools for policies and procedures for admission to degree programs.

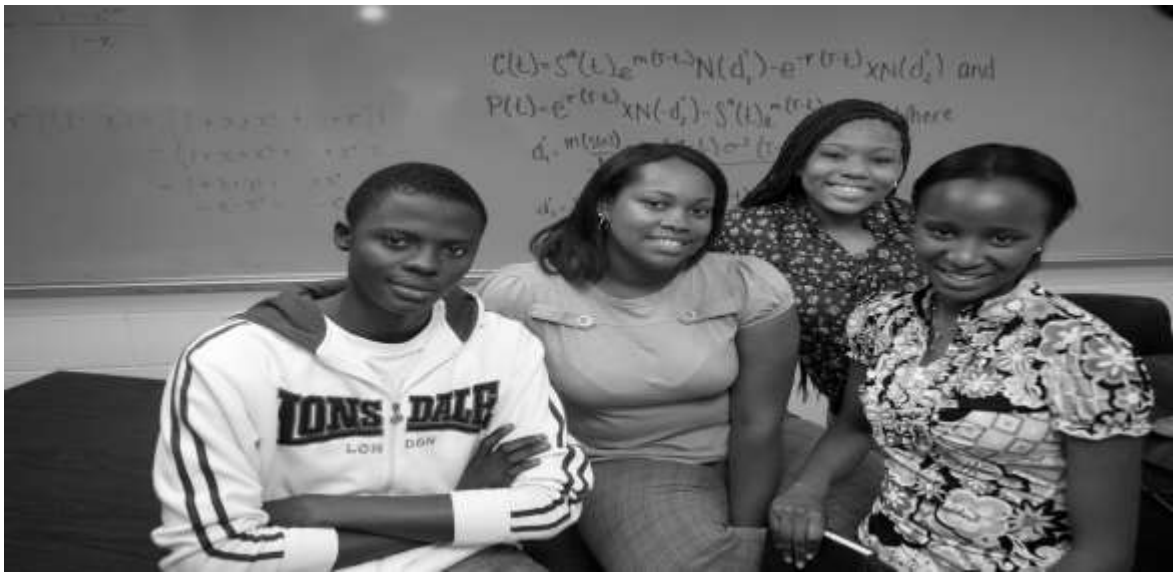
TRANSFER CENTER

The Transfer Center ensures the timely evaluation and input of transfer credits; evaluates and inputs specialized credits, including, but not limited to, CLEP, IB, foreign, AP, and military; creates, maintains and reviews articulation agreements; administers the Connect program; maintains data on transfer students, trends, and issues; maintains and updates ARTSYS; and ensures compliance with Maryland Higher Education Commission and Code of Maryland (COMAR) transfer policies.

Advanced Placement Exams (AP)

Students may earn college credit in some subject areas by receiving satisfactory scores on the College Entrance and Examination Board Advanced Placement (AP) Program examinations. Credits granted may be applied toward college degree requirements. Students must have official copies of their scores submitted to the Transfer Center by the College Board in order for credit to be awarded. To obtain copies of official grade reports, students may contact the College Board directly at **(*888*) *CALL-4-AP*** or (609) 771-7300.

While every effort is made to keep the following list up to date, courses may be added or deleted at any time.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AP Exam Title	Score	MSU Course	Credit Awarded	Awarded to Students Majoring in Field
Art History	3, 4, 5	ART 308	3	No
		ART 303	3	Yes
Art				
Art-Drawing	4, 5	ART 209	3	Yes
Art-Drawing	4, 5	ART 109	3	No
Art-General	4, 5	ART 308	3	No
Biology	4, 5	BIOL 101 and BIOL 102	8	No
	4, 5	BIOL 105 and BIOL 106	8	Yes
Chemistry	4, 5	CHEM 101 and CHEM 102	8	No
	4, 5	CHEM 105 and 106	8	Yes
Chinese Language and Culture	3	CHIN 101 and CHIN 102	6	No
Computer Science	4, 5	COSC 111	4	Yes No
Computer Science A	3	COSC 110 or GENL 201	3	Yes No
Computer Science AB	4, 5	COSC 112	4	
	3	COSC 110 or GENL 201	3	
Economics				
Macroeconomics	3	ECON 211	3	No Yes No
	4, 5	ECON 211	3	Yes
	3	ECON 212	3	
Microeconomics	4, 5	ECON 212	3	
English				
Language & Comp	3, 4, 5	ENGL 101	3	No
Literature & Comp	3, 4, 5	ENGL 102	3	No
Environmental Science	4, 5	EASC 403	3	No

AP Exam Title	Score	MSU Course	Credit Awarded	Awarded to Students Majoring in Field
French				
Language	3	FREN 203 or FREN 204	3	No No No
	4, 5	FREN 203 and FREN 204	6	No
Literature	3	FREN 315 or FREN 316	3	
	4, 5	FREN 315 and FREN 316	6	
Geography				
Human	4, 5	GEOG 106	3	Yes
	3	GEOG 101	3	No
German	3	GERM 101	3	No
Government and Politics				
Comparative Government and Politics	4, 5	POSC 314	3	Yes
United States Government and Politics	3	POSC 201	3	No
History United				
States	3	HIST 105 and HIST 106	6	No No Yes
European	3	HIST 101 and HIST 102	6	No
	4, 5	HIST 313 and HIST 314	6	
World	3	HIST 101 and HIST 102	6	
Italian Language and Culture	3	HUMA 201 and HUMA 202	6	No
Japanese Language and Culture	3	JPNS 203	3	No
	4, 5	JPNS 203 and JPNS 204	6	No
Latin				
Latin - Vergil	3, 4, 5	HUMA 201 and HUMA 202	6	No
Latin – Literature	3, 4, 5	HUMA 201 and HUMA 202	6	No
Catullus & Cicero				
Catullus & Horace				
Catullus & Ovid				

AP Exam Title	Score	MSU Course	Credit Awarded	Awarded to Students Majoring in Field
Mathematics				No
Calculus AB	3, 4, 5	MATH 241	4	
Calculus BC	3, 4, 5	MATH 242	4	No
Music				
Listening/Literature	3, 4, 5	MUSC 391	3	No
Theory	3, 4, 5	MUSC 171 and MUSC 172	6	Yes
Physics				
Physics B	3, 4, 5	PHYS 203 and PHYS 204	8	No
Physics C				
Mechanics	3, 4, 5	PHYS 301 and PHYS 302	8	No
Electricity and Magnetism	3, 4, 5	PHYS 205 and PHYS 206	8	No
Psychology	3, 4, 5	PSYC 101	3	No
Spanish				
Language	3	SPAN 203 or SPAN 204	3	No No No
	4, 5	SPAN 203 and SPAN 204	6	
Literature	3	SPAN 315 or SPAN 316	3	No
	4, 5	SPAN 315 and SPAN 316	6	
Statistics	3, 4, 5	MATH 331	3	No

International Baccalaureate (IB) Program

Morgan State University endorses and recognizes the academic challenge inherent in the International Baccalaureate (IB) Diploma Programme by awarding full university credit. For courses not listed contact the Transfer Center.

IB Subject Examination	Level of Examination	Minimum Examination Score	MSU Course Equivalent*	Semester Hours
Anthropology	Higher	5	ANTH 110	3
Art (Visual)	Higher	5	ART 308	3
Biology	Higher	5	BIOL101 and BIOL102	8
Business & Organization	Higher	5	BUAD 200	3
Chemistry	Higher	5	CHEM 105 and 106	8
Economics	Higher	5	ECON 211	3
English (A-1)	Higher	5	ENGL 101	3
English (A-2)	Higher	5	ENGL 102	3
Environmental Systems	Standard	45	EASC 403	3
Arabic, Chinese, French, German, Spanish, Japanese, Korean, Latin, Swahili (A-1)	Higher	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 101 and 102	6

IB Subject Examination	Level of Examination	Minimum Examination Score	MSU Course Equivalent*	Semester Hours
Arabic, Chinese, French, German, Spanish, Japanese, Korean, Latin, Swahili (A-1)	Standard	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 101	3
Arabic, Chinese, French, German, Spanish, Japanese, Korean, Latin, Swahili (A-2)	Higher	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 203 and 204	6
Arabic, Chinese, French, German, Spanish, Japanese, Korean, Latin, Swahili AB Initio	Standard	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 203	3
	Higher	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 204	3
		5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 101	3

IB Subject Examination	Level of Examination	Minimum Examination Score	MSU Course Equivalent*	Semester Hours
Arabic, Chinese, French, German, Spanish, Japanese, Korean, Latin, Swahili (B)	Higher	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 203 and 204	6
	Higher	5	ARAB, CHIN, FREN, GERM, SPAN, JPNS, KORE, LATN, SWAL 101 and 102	6
Geography	Standard	5	GEOG 101	3
Information Technology in a Global Society	Higher	5	GENL 201 or GENL 211	2
History of Europe	Higher	5	HIST 101 and 102	6
History of the Americas	Higher	5	HIST 105 and 106	6
Mathematics	Higher	5	MATH 109 and MATH 113	8
Music	Higher	5	MUSC 391	3
Philosophy	Higher	5	PHIL 109	3
Physics	Higher	5	PHYS 203 and 204	8

IB Subject Examination	Level of Examination	Minimum Examination Score	MSU Course Equivalent*	Semester Hours
Psychology	Higher	5	PSYC 101	3
Theatre	Higher	5	THEA 101 and THEA 210	6

*This chart was prepared based on current information and is subject to change. There is no guarantee that all IB credit will apply to a specific degree program. Completion of Certificate or Diploma programs does not fulfill General Education requirements at Morgan State University.

COLLEGE LEVEL EXAMINATION PROGRAM

Morgan State University welcomes students from a wide variety of backgrounds and experiences in many disciplines. We recognize and honor students' prior learning by accepting a full range of College-Level Examination Program (CLEP) tests, which measure mastery of college-level, introductory course content in a broad range of disciplines. CLEP credit shall not be substituted for any course taken at Morgan State University for which the student received a failing or unsatisfactory grade. CLEP scores for tests taken while matriculating at Morgan shall not be accepted for credit, unless prior approval was granted by the Dean.

Scores must be submitted to the Transfer Center upon entering the University. Upon receipt of test scores the appropriate number of credit hours will be entered on the student record. CLEP credit will be treated as transfer credit without a grade, will count toward graduation and may be used in fulfilling specific curriculum requirements.

• No more than twenty-four (24) hours of credit can be received through CLEP tests for both general and subject examinations combined.

• Credit will be granted to students achieving scores of 50% or more on the general exams.

• Morgan will accept for college credit the mean score (or above) achieved by students in the national norm groups who earned grades of "C" in comparable courses.

• No credit may be granted for CLEP tests which are repeated. If a student fails a CLEP test, then retakes the test, the student may not receive credit even if the subsequent score meets criterion.

• The amount of credit to be awarded is to be determined by the University Transfer Center.

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• The amount of credit to be awarded is to be determined by the University Transfer Center.

• CLEP credit will be entered on the student's Morgan transcript as transfer credit.

• Credit will be granted only when an official CLEP score report is sent directly from the College Board to the Transfer Center. Duplicate reports, examinee's copies or score reports received in any other manner, with the exception of a CLEP examination administered at Morgan, are not acceptable.

Awards for credit are based on the scores indicated below.

EXAMINATION	MINIMUM SCORE	HOURS	COURSE GRANTED
COMPOSITION AND LITERATURE			
American Literature	50	6	ENGL 203, 204
Analyzing and Interpreting Literature	50	6	ELECTIVE
English Literature	50	6	ENGL 201, 202
Freshman College Composition	50	6	ENGL 101, 102
Humanities	50	6	HUMA 201, 202
FOREIGN LANGUAGES			
French, Level 1	50	6	FREN 101, 102
French, Level 2	50	12	FREN 101, 102, 203, 204
German, Level 1	50	6	GERM 101, 102
German, Level 2	50	12	GERM 101, 102, 203, 204
Spanish, Level 1	50	6	SPAN 101, 102

Spanish, Level 2	50	12	SPAN 101, 102, 203, 204
HISTORY AND SOCIAL SCIENCES			
American Government	50	3	POSC 201
Educational Psychology	50	3	ELECTIVE
History of the United States I	50	3	HIST 105
History of the United States II	50	3	HIST 106
Human Growth and Development	50	3	PSYC 102
Macro-economics, Principles of	50	3	ECON 211
Micro-economics, Principles of	50	3	ECON 212
Psychology, Introductory	50	3	PSYC 101
Social Sciences and History	50	6	SOSC101
Sociology, Introductory	50	3	SOCI 101
Western Civilization I	50	3	HIST 101
Western Civilization II	50	3	HIST 102

EXAMINATION	MINIMUM SCORE	HOURS	COURSE GRANTED
SCIENCE AND MATHEMATICS			
College Algebra	50	3	MATH 109 or 113
Biology	50	4	BIOL 101
Chemistry	50	8	CHEM 105, 106
Calculus	50	8	MATH 241, 242
College Mathematics	50	6	MATH 109
Natural Sciences	50	6	ELECTIVE
BUSINESS			
Business Law, Introductory	50	3	BUAD 382
Information Systems and Computer Applications	50	3	INSS 141 or COSC110 or GENL 201
Management, Principles of	50	3	MGMT 324
Marketing, Principles of	50	3	MKTG 331

The CONNECT Program

The Morgan State University CONNECT program is an excellent alternative for students who are not eligible for admission to the University as freshman. Students are referred to the CONNECT Program through the Office of Undergraduate Admission and Recruitment. If a student chooses to participate in the CONNECT Program, he/she must complete an application form. Forms may be obtained from the Transfer Center at Morgan State University or from the Connect liaison at the participating community college. Students must apply to a participating community college and submit a financial aid application to the Fi- nancial Aid Office at the community college. A nominal mandatory registration fee paid to Morgan State University secures a MSU Bear Necessity Identification Card for CONNECT students. This ID card allows students utilization of support services on campus such as the library and computer labs as well as the ability to purchase tickets to attend paid social and athletic events on campus. The CONNECT program is designed to provide participants with

the opportunity to demonstrate their academic aptitude and to maximize their potential.

Program Requirements

*Complete the Connect application form.
*Apply to any Maryland community college of choice. A community college Connect Liaison will be assigned.
*Complete the FAFSA and all required financial aid documents at the community college.
*Take required placement tests at the participating community college to determine skill level in Mathematics, English, and Reading. As a result of the test scores, students may be required to take some non-credit courses to strengthen skills. These courses must be completed in addition to the credits required of the CONNECT Program.

*Attend a mandatory Connect Program Orientation in August for information and preliminary advising.

*Submit class schedules to the Morgan State University Transfer Center each semester.
*Submit final grades at the end of each semester to the Morgan State University Transfer Center.
Earn 12 to 23 transferable credits (with a high school and community college GPA of 2.0 or higher)
OR
*Earn 24 or more transferable credits (with a community college GPA of 2.0 or higher)
*Apply to MSU admissions and submit an official transcript after earning the required number of transferable credits.
*Developmental and/or remedial classes are not considered transferable credits.

Maryland Community Colleges

Allegany College of Maryland
Anne Arundel Community College
Baltimore City Community College
Community College of Baltimore County - Catonsville
Community College of Baltimore County - Dundalk
Community College of Baltimore County - Essex
Carroll Community College
Cecil College
Chesapeake College
College of Southern Maryland
Frederick Community College
Garrett College
Hagerstown Community College
Harford Community College
Howard Community College
Montgomery College
Prince George's Community College
Wor-Wic Community College

After students have completed the required number of successful credit hours at the participating community college with a GPA of 2.0 or better, they may transfer to Morgan State University.

The NEXUS Program

The Network for Undergraduate Success (NEXUS) Program is an innovative alternative admissions program designed to provide students with access to a quality college education. Nexus program participants, while officially students at the Community College of Baltimore County (CCBC), begin their academic journey on Morgan State University (MSU) grounds, and once transferred will remain on MSU's campus. NEXUS means center, connection, core, link, network, tie, union, bond. Being a NEXUS student denotes that two schools have bonded to provide a network of services and opportunities from which each participant may benefit and succeed.

Grade point average and standardized test scores do not always provide a complete or accurate measurement of a student's potential for success. Morgan State University and the Community College of Baltimore County are aware that while standard assessment tools are strong indicators of academic potential, test scores are not always indicative of a student's ability to successfully earn a degree. NEXUS provides an alternative for students with drive and potential by

providing access to two outstanding schools. Resources, strong academics, and solid support systems from both institutions helps to ensure each student an opportunity to meet and exceed the University's admission requirements.

Students will reside on campus during the mandatory 4-day ACCESS Orientation. Living on campus during the academic semester is optional. NEXUS students have all of the privileges afforded to Morgan students including, but not limited to, all facilities, social and cultural events, and all support services available. The choice to live on campus will only enhance students full integration into MSU student life. Most importantly, living and learning on campus ensures students are constantly surrounded by all the amenities which support academic success.

Program Requirements

Students will be administered a placement examination for the Community College of Baltimore County on the campus of Morgan State University. Students who live 20 miles or more from the MSU campus must contact the CCBC NEXUS coordinator for information on taking the placement test closer to home. The results of the placement examination will determine CCBC course schedules in accordance with CCBC criteria. Upon completion of the NEXUS program, students transferring to Morgan State University may be required to take a placement examination.

Sign a FERPA-compliant waiver. The waiver allows CCBC and MSU to legally share student records and other personal data for the sole purpose of administering the NEXUS program.

Students shall comply with the policies and the code of student conduct for both institutions. In general, CCBC's policies and code of student conduct will apply with respect to academic and class-related issues, and MSU's policies and code of student conduct will apply for non-academic and non-class-related issues.

Progression through the program:

Students may participate in NEXUS for a maximum of two consecutive semesters.
Academic progress in NEXUS will be determined by CCBC standards.
Students are eligible to transfer to Morgan under the following conditions:

Completion of at least 12 credit hours, including developmental coursework, with a 2.5 or better cumulative Program grade point average (GPA) and a minimum of C in each Course. (Developmental coursework will be used only for the purposes of granting admission to MSU; developmental coursework shall not transfer to MSU nor shall it be included on MSU academic records nor apply toward any certificate or degree at MSU) **OR**
Completion of at least 24 credit hours, excluding developmental coursework, with a 2.0 or better GPA in NEXUS.
Students transitioning to MSU may be required to take a placement test and may continue in pre-college preparation courses.
Students who either do not complete two semesters in NEXUS or who complete the two semesters in NEXUS without meeting the transfer requirements set forth in a. or b. above, and who wish to be admitted to MSU, must reapply to MSU when they have met the requirements for regular admission according to MSU's current transfer admission criteria.
Students who leave NEXUS without either transferring to MSU or completing two semesters in NEXUS may reapply for admission to either institution in accordance with the institution's current admission procedures, but are not eligible for admission in accordance with the provisions of "a." above.

Program costs:

Students shall pay no more than any other first-time freshman. Tuition will be paid to CCBC. Fees, housing and meal plan, Access Orientation, health insurance, books, miscellaneous expenses, and program participation fee will be paid to MSU.

TRANSFER STUDENTS

Morgan State University welcomes applications from transfer students from community colleges and four year colleges and universities accredited by Maryland and/or a regional accrediting association. Students are expected to have a cumulative average of 2.0 from all colleges attended and be "in good standing" academically and financially at the last institution attended. In all cases, the transfer student must earn the last 30 credit hours toward the desired degree at the University as a full-time or part-time student. Applications from transfer students with A.A. and A.A.S. degrees earned at Maryland community colleges will be evaluated as determined by the Maryland Student Transfer Policy.

Transfer applicants should also refer to the Admissions section, and, if they have veteran status, the Veteran Services section of the catalog.

Morgan State University Transfer Student Policy

I.Students Transferring from Maryland Public Institutions of Higher Education.

This section does NOT apply to students who are transferring from Maryland private and from non-Maryland institutions of higher education (both public and private). Authority: Education Article SS1-201-11-206, Annotated Code of Maryland; COMAR 13B.06.

A. General Education Requirements for Public Institutions

1. While public institutions have the autonomy to design their general education program to meet their unique needs and mission, that program shall conform to the definitions and common standards in COMAR 13B.06. According to the regulations, a public institution shall satisfy the general education requirement by: a. Requiring each program leading to the A.A. or A.S. degree to include not less than 30 and not more than 36 semester hours, and each baccalaureate degree program to include not less than 40 and not more than 46 semester hours of required core courses,with the core requiring, at a minimum, course work in each of the following five areas:

(1) Arts and Humanities,

(2) Social and Behavioral Sciences,

(3) Biological and Physical Sciences,

(4) Mathematics, and

(5) English Composition; or b. conforming with COMAR

13B.02.02.16D(2)(b)-(c).

2. General education programs of public institutions shall require at least:

a. One course in each of two disciplines in Arts and Humanities;

b. One course in each of two disciplines in

Social and Behavioral sciences;

c. Two science courses, at least one of which shall be a laboratory course;

d. One course in Mathematics at or above the level of college Algebra; and

e. One course in English Composition.

3. Interdisciplinary and Emerging Issues. a. In addition to the five required areas in SI.A.1.a. of the Transfer Student Policy ("Policy"), a public institution may include up to 8 semester hours in a sixth category that addresses emerging issues that institutions have identified as essential to a full program of general education for their students.

These courses may:

(1) Be integrated into other general education courses or may be presented as separate courses; and

(2) Include courses that:

(a) Provide an interdisciplinary examination of issues across the five areas.

(b) Address other categories of knowledge, skills, and values that lie outside of the five areas.

b. Public institutions may not include the courses in this section in a general education program unless they provide academic content and rigor equivalent to the areas in S1.A.1.a. of this Policy.

4. General education programs leading to the A.A.S. degree shall include at least 20 semester hours from the same course list designated by the sending institution for the A.A. and A.S. degrees. The A.A.S. degree shall include at least one 3-semester-hour course from each of the five areas listed in SI.A.1.a. of this Policy.

5. A course in a discipline listed in more than one of the areas of general education may be applied only to one area of general education.

6. A public institution may allow a speech communication or foreign language course to be part of the Arts and Humanities category.

7. Composition and literature courses may be placed in the arts and humanities area if litera- ture is included as part of the content of the course.

8. Public institutions may not include physical education skills courses as a part of the general education requirements.

9. General education courses shall reflect current scholarship in the discipline and provide reference to theoretical frameworks and methods of inquiry appropriate to academic disciplines.

10. Courses that are theoretical may include ap- plications, but all application courses shall include theoretical components if they are to be included as meeting general education requirements.

11. Public institutions may incorporate knowl- edge and skills involving the use of quan- titative data, effective writing, information retrieval, and information literacy when possible in the general education program.

12. Notwithstanding SI.A.1.a. of this Policy, a public 4-year institution may require 48 semester hours of required core courses if courses upon which the institution's cur- riculum is based carry 4 semester hours.

13. Public institutions shall develop systems to ensure that courses approved for inclu- sion on the list of general education courses are designed and assessed to com- ply with the requirements of this Policy.

B. Transfer of General Education Credit

1. A student transferring to Morgan State Universi- ty ("Morgan") from another Maryland public institution of higher education

("Maryland public institution") shall re- ceive general education credit for work completed at the student's sending institu- tion as provided by this Policy.

2. A completed general education program shall transfer without further review or ap- proval by Morgan and without the need for a course-by-course match.

3. Courses that are defined as general educa- tion by the sending institution shall transfer as general education even if Morgan does not have that specific course or has not de- signed that course as general education.

4. Morgan shall give lower-division general education credits to a transferring student who has taken any part of the lower-divi- sion general education credits described in SI.A. of this Policy at a Maryland public in- stitution for any general education courses successfully completed at the sending insti- tution.

5. Except as provided in SI.A.12 of this Pol- icy, Morgan may not require a transfer stu- dent who has completed the requisite number of general education credits at any Maryland public institution to take, as a condition of graduation, more than 10-16 additional semester hours of general educa- tion and specific courses required of all stu- dents at the receiving institution, with the total number not to exceed 46 semester hours. This provision does not relieve stu- dents of the obligation to complete specific academic program requirements or course prerequisites required by Morgan.

6. A sending institution shall designate on or with the student transcript those courses that have met its general education require- ments, as well as indicate whether the stu- dent has completed the general education program.

7. A.A.S. Degrees.

a. While there may be variance in the number of hours of general education requirements for A.A., A.S. and A.A.S. degrees at a given institution, the courses identified as meeting general education requirements for all degrees shall come from the same general education course list and exclude technical or career courses.

b. An A.A.S. student who transfers into Morgan with fewer than the total number of general education credits designated by Morgan shall complete the difference in credits according to the distribution as designated by Morgan. Except as provided in SI.A.12. of this Policy, the total number of general education credits for Morgan may not exceed 46 semester hours.

8. Student Responsibilities. A student is held:

a. Accountable for the loss of credits that: (1) Result from changes in the stu- dent's selection of the major pro- gram of study,

(2) Were earned for remedial course work, or

(3) Exceed the total course credits accepted in transfer as allowed by this Policy; and

b. Responsible for meeting all require- ments of the academic program of Morgan.

C. Transfer of Non-General Education Program Credit

1. Credit earned at any public institution in the

State is transferable to Morgan if the:

a. Credit is from a college or university parallel course or program.

b. Grades in the block of courses transferred average 2.0 or higher; and

c. Acceptance of the credit is consistent with Morgan's policies governing students following the same program.

2. Credit earned in or transferred from a community college is limited to:

a. The baccalaureate degree program requirement, but may not be more than 70 semester hours; and

b. The first two years of the undergraduate education experience.

D. Nontraditional Credit

1. The assignment of credit for AP, CLEP, or other nationally recognized standardized examination scores presented by transfer students is determined according to the same standards that apply to native students at Morgan, and the assignment shall be consistent with the State minimum requirement.

2. Transfer of credit from the following areas shall be consistent with COMAR 13B.02.02 and shall be evaluated by Morgan on a course-by-course basis:

a. Technical courses from career programs; b. Course credit awarded through articulation agreements with other segments or agencies;

c. Credit awarded for clinical practice or cooperative education experiences; and

d. Credit awarded for life and work experiences.

3. The basis for the awarding of the credit shall be indicated on the student's transcript by the receiving institution (Morgan).

4. Morgan shall inform a transfer student of the procedures for validation of course work of which there is no clear equivalency. Examples of validation procedures include ACE recommendations, portfolio assessment, credit through challenge, examinations, and satisfactory completion of the next course in sequence in the academic area.

5. The receiving baccalaureate degree-grant- ing institution (Morgan) shall use validation procedures when a transferring student suc- cessfully completes a course at the lower di- vision level. The validated credits earned for the course shall be substituted for the upper division course.

E. Program Articulation

1. Recommended transfer programs shall be developed through consultation between the sending institution and Morgan. A recom- mended transfer program represents an agreement between the two institutions that allows students aspiring to the baccalaureate degree to plan their programs. These programs constitute freshman-sophomore level course work to be taken at the com- munity college in fulfillment of Morgan's lower division course work requirement.

2. Recommended transfer programs in effect on September 3, 1996, which conform to this Policy, may be retained.

F. Academic Success and General Well-Being of

Transfer Students

1. Sending Institutions.

a. Community colleges shall encourage their students to complete the Associate de- gree or to complete 56 hours in a recom- mended transfer program which includes both general education courses and courses applicable toward the program at the receiving institution.

c. The sending institution shall:

(1) Provide to community college stu- dents information about the spe- cific transferability of courses at 4-year colleges;

(2) Transmit information about transfer students who are capable of honors work or independent study to the receiving institution; and

(3) Promptly supply the receiving in stitution with all the required docu- ments if the student has met all financial and other obligations of the sending institution for transfer.

2. Receiving Institution (Morgan).

a. Admission requirements and curriculum prerequisites shall be stated explicitly in institutional publications.

b. Morgan shall admit transfer stu- dents from newly established public colleges that are functioning with the approval of the Maryland Higher Education Commission on the basis as applicants from region- ally accredited colleges.

c. Morgan shall evaluate the transcript of a degree-seeking transfer student as expeditiously as possible, and notify the student of the results not later than mid-semester of the stu- dent's first semester of enrollment at Morgan, if all official transcripts have been received at least 15 working days before mid-semester. Morgan shall inform a student of the courses which are acceptable for transfer credit and the courses which are applicable to the stu- dent's intended program of study.

d. Morgan shall give a transfer student the option of satisfying institutional graduation requirements that were in effect at Morgan at the time the student enrolled as a freshman at the sending institution. In the case of major requirements, a transfer student shall satisfy the major requirements in effect at the time when the student was identified as pursuing the recommended transfer program at the sending institution. These conditions are applicable to a student who has been continuously enrolled at the sending institution. For the purpose of this subsection (d) only, continuous enrollment is defined as a student who has officially registered for at least one course and has not dropped all of the student's course(s) or withdrawn from school during any given semester.

G. Programmatic Currency

1. Morgan shall provide to the community col- lege current and accurate information on recommended transfer programs and the transferability status of courses. Community college students shall have access to this information.

b. Community college students are encour- aged to choose as early as possible the insti- tution and program into which they expect to transfer.

2. Recommended transfer programs shall be developed with each community college whenever new baccalaureate programs are approved by the degree-granting institution.

3. When considering curricular changes, insti- tutions shall notify each other of the pro- posed changes that might affect transfer students. An appropriate mechanism shall be created to ensure that both 2-year and 4- year public colleges provide input or com- ments to the institution proposing the change. Sufficient lead time shall be pro- vided to effect the change with minimum disruption. Transfer students are not re- quired to repeat equivalent course work suc- cessfully completed at a community college.

H. Transfer Mediation Committee

1. There is a Transfer Mediation Committee, appointed by the Secretary of the Maryland Higher Education Commission, which is representative of the public 4-year colleges and universities and the community col- leges.

2. Sending and receiving institutions that dis- agree on the transferability of general edu- cation courses as defined by COMAR 13B.06.01 shall submit their disagreement to the Transfer Mediation Committee. The Transfer Mediation Committee shall ad- dress general questions regarding existing or past courses only, not individual student cases, and shall also address questions raised by institutions about the acceptability of new general education courses. As appro- priate, the Committee shall consult with faculty on curricular issues.

3. The findings of the Transfer Mediation Committee are considered binding on both parties.

I. Appeal Process

1. Notice of Denial of Transfer Credit by

Morgan

a.Except as provided in SI.I. below of this Policy, Morgan shall inform

a transfer student in writing of the denial of transfer credit no later than mid-semester, if all official transcripts have been received at least 15 working days before mid- semester.

b. If transcripts are submitted after 15 working days before mid-semester of a student's first semester, Mor- gan shall inform the student of credit denied within 20 working days of receipt of the official tran- script.

c. Morgan shall include in the Notice of Denial of transfer credit:

(1) A statement of the student's right to appeal; and

(2) A notification that the appeal process is available in the institu- tion's catalog.

(3) The statement of the student's right to appeal the denial shall in- clude notice of the time limitations in 1.2 of this regulation.

2. A student believing that Morgan has denied the student transfer credits in violation of this Policy may initiate an appeal by con- tacting the Transfer Coordinator or the Dean for the school or college in which the stu- dent's major is located (or the Dean for the College of Liberal Arts where no major has been declared) within 20 working days of receiving notice of the denial of credit.

3. Response by Morgan. a. Morgan shall:

(1) Establish expeditious and sim- plified procedures governing the appeal of a denial of transfer of credit; and

(2) Respond to a student's appeal within 10 working days.

b. Morgan may either grant or deny an appeal. Morgan's reasons for denying the appeal shall be consis- tent with this Policy and conveyed to the student in written form.

c. Unless a student appeals to the sending institution, the written decision constitutes Morgan's final decision and is not subject to appeal.

4. Appeal to Sending Institution.

a. If a student has been denied trans- fer credit after an appeal to Mor- gan, the student may request the sending institution to intercede on the student's behalf by contacting the transfer coordinator of the send- ing institution.

b. A student shall make an appeal to the sending institution within 10 working days of having received the decision from Morgan.

5. Consultation between Sending and Receiv- ing Institutions.

a. Representatives of the two institu- tions shall have 15 working days to resolve the issues involved in an appeal.

b. As a result of a consultation in this section, Morgan may affirm, mod- ify, or reverse its earlier decision.

c. Morgan shall inform a student in writing of the result of the consulta- tion.

d. The decision arising out of a con- sultation constitutes the final deci- sion of Morgan and is not subject to appeal.

J. Periodic Review

1. Report by Receiving Institution.

a. A receiving institution shall report annually the progress of students who transfer from 2-year and 4-year institutions within the State to each community college and to the Secretary of the Maryland Higher Education Commission.

b. An annual report shall include on- going reports on the subsequent ac- ademic success of enrolled transfer students, including graduation rates, by major subject areas.

c. A receiving institution shall include in the reports comparable information on the progress of native students.

2. Transfer Coordinator. A public institution of higher education shall designate a Transfer Coordinator, who serves as a resource person to transfer students at either the sending or receiving campus. The Transfer Coordinator is responsible for overseeing the application of the policies and procedures outlined in COMAR 13B.06.01 and interpreting transfer policies to the individual student and to the institution.

3. The Maryland Higher Education Commis- sion shall establish a permanent Student

Transfer Advisory Committee that meets regularly to review transfer issues and recommend policy changes as needed. The Student Transfer Advisory Committee shall address issues of interpretation and implementation of COMAR 13B.06.01.

II. All Other Transfer Students

The following provisions apply to students who are transferring from Maryland private institu- tions of higher education and from non-Maryland institutions of higher education (both public and private).

A. General Requirements

1. Students transferring from private colleges and universities in Maryland and from non- Maryland colleges and universities will have their official college transcripts evalu- ated once they have received notice from the University's Director of Admissions that they have been admitted to the University.

2. The evaluation of general education courses is the responsibility of the Transfer Center. The evaluation of core (major) courses is the responsibility of the Transfer Coordinator in the School/College in which the transfer student's major is located.

3. The responsibility for the evaluation of the transcripts of transfer students who are un- decided about their major rests with the Transfer Coordinator for the College of Liberal Arts. General education coursework will be evaluated in the Transfer Center.

4. In general, the assignment of equi- valent course credit or free elective course credit involves a course-by-course evaluation and comparison of courses on the student's transcript from the sending institution with appropriate courses offered at Morgan.

5. Transfer Coordinators may consult with the chairperson or coordinator of a discipline or program regarding the final determination of course and/or credit transferability.

6. The University will typically accept for credit college level courses (i.e., non-remedial and/or non-developmental courses) in which the student has earned grades of "C" or better from a regionally accredited college or university.

7. Students from non-Maryland community colleges may transfer up to a maximum of 70 credits. Students from non-Maryland 4- year institutions of higher education may transfer up to a maximum of 90 credits.

8. Transfer students must earn their final 30 hours at the University. Two-thirds of the major requirements at the 300 or 400 level must be completed while the student is enrolled at the University.

9. All transfer students must satisfy the Writ- ing Proficiency and Speech Proficiency examinations as well as complete all School/College graduation requirements while enrolled at the University.

10. Students shall be governed by the academic requirements in effect at the time they transferred to the University. Students who change their major after transferring to Morgan must satisfy the academic requirements in effect at the time when they changed their major.

11. The Dean for each School or College within the University appoints the Transfer Co-ordinators for his or her School/College. Students who have questions about the transfer of courses and/or credits are encouraged to contact the Dean's office in which their major is located in order to meet with the Transfer Coordinator.

B. Appeal of Transcript Evaluations

1. After receiving an official copy of their transfer evaluation from the Transfer Co-ordinator, students shall have thirty (30) days from the date that the official eval- uation was forwarded to the student to appeal all or any portion of the evaluation.

2. All appeals must be in writing and addressed to the Dean of the School/ College in which their major is located (or the Dean for the College of Liberal Arts where no major has been declared).

3. The Dean shall review the issues raised in the appeal letter and determine whether an amendment to the original transfer evalu- ation is warranted. The Dean may require a student to provide additional in- formation including, but

not limited to, course descriptions, catalogs, and syllabi.

4. The Dean shall provide a written response to the transfer student within thirty (30) days of receipt of the student's written appeal.

5. Students who fail to appeal in writing within thirty (30) days of the date that the of- ficial evaluation was forwarded to them shall be deemed to have lost their right to appeal.

III. Definitions

A. Terms defined

1. "A.A. degree" means the Associate of Arts degree.

2. "A.A.S. degree" means the Associate of Applied Sciences degree.

3. "Arts" means courses that examine aesthetics and the development of the aesthetic form and explore the relationship between the- ory and practice. Courses in this area may include fine arts, performing and studio arts, appreciation of the arts, and history of the arts.

4. "A.S. degree" means the Associate of Sciences degree.

5. "Biological and physical sciences" means courses that examine living systems and the physical universe. They introduce student to the variety of methods used to collect, interpret, and apply scientific data, and to an understanding of the relationship between scientific theory and application.

6. "English composition courses" means courses that provide students with commu- nication knowledge and skills appropriate to various writing situations, including in- tellectual inquiry and academic research.

7. "General education" means the foundation of the higher education curriculum providing a coherent in- tellectual experience for all students.

8. "General education program" means a program that is designed to:

a. Introduce undergraduates to the fundamental knowledge, skills, and values that are essential to the study of academic disciplines;

b. Encourage the pursuit of life- long learning, and

c. Foster the development of educated members of the com- munity and the world.

9. "Humanities" means courses that examine the values and cultural heritage that establish the frame-work for inquiry into the mean- ing of life. Courses in the humanities may include language, history, literature, and philosophy of western and other cultures.

10. "Mathematics" means courses that provide students with numerical, analytical, statistical, and problem-solving skills.

11. "Native student" means a student whose initial college enrollment was at a given institution of higher education and who has not transferred to another institution of high- er education since that initial enrollment.

12. "Parallel program" means the program of study or courses at one institution of higher education which has comparable objectives as those at another higher education institution, for example, a transfer program in psychology in a community college is definable as a parallel program to a bac- calaureate psychology program at a 4-year institution of higher education.

13. "Receiving institution" means the institu- tion of higher education at which a trans- fer student currently desires to enroll.

14. "Recommended transfer program" means a planned program of courses, both gen- eral education courses in the major, taken at a community college, which is applicable to a baccalaureate program at a receiving institution, and ordinarily the first 2 years of the baccalaureate degree.

15. "Sending institution" means the institution of higher education of most recent previous enrollment by a transfer student at which transferable academic credit was earned.

16. "Social and behavioral sciences" means courses that examine the psychology of individuals and the ways in which in- dividuals, groups, or segments of society behave, function, and influence one an- other. The courses include, but are not limited to, subjects which focus on:

a. History and cultural diversity;

b. Concepts of groups, work, and political systems; c. Applications of qualitative and quantitative data to social issues; and

d. Interdependence of individuals, society, and the physical environment.

17. “Transfer student” means a student entering

an institution for the first time with academic credit earned at another in- stitution which is applicable for credit at the institution the student is entering.

FINANCIAL AID

The Office of Financial Aid has full responsibility for administering all Federal, State, Institutional and Private student financial aid programs. Student aid can consist of federal Pell Grant, federal Supplemental Educational Opportunity Grant (SEOG), federal or private loans, federal work study, Teach Grant program and other related programs. Interested students may seek information at the Office of Financial Aid or log onto www.morgan.edu/financialaid and link to financial Aid for related websites and additional information. The goal of the Office of Financial Aid is to assist in the efforts of students to meet their responsibilities to bear the cost of a college education. Students are encouraged to seek out other sources of aid, especially state and private scholarships, and to submit early applications for funding.

PROCEDURES FOR APPLYING

A. **COMPLETE THE FREE APPLICA- TION FOR FEDERAL STUDENT AID (FAFSA) FOR NEW OR RETURNING STUDENTS** at: www.fafsa.ed.gov and submit it to the U.S. Department of Edu- cation for processing. Students seeking federal aid must use the FAFSA to apply for the Federal Pell Grant, loans, and most State aid and other programs discussed herein. Morgan's school code is 002083

B. The Department of Education encourages students and parents to use the FAFSA DATA RETRIEVAL TOOL for reporting prior calendar year tax information that will be downloaded from the Internal Revenue Service (IRS). Copies of the IRS Tax Return Transcripts are the required tax documents that the school will use to satisfy a process called verification. Only under certain circumstances can the school accept copies of 1040s, 1040 or 1040ez.

To request a free copy of an IRS Tax Return Transcript log onto www.irs.gov or make a telephone request at 1-800-908-9946.

PRIORITY DATES

First consideration for aid will be given to eligible students who have completed applications that have been received by the following dates:

January 2 Complete and submit FAFSA March 1 Maryland State Scholarship April 1 Summer Sessions Only*
April 15 Fall Semester
November 1 Spring Semester Only*
November 1 Winter Minimester

*Applications for the Spring semester and Summer Sessions will be accepted based on the availability of funds. Winter session aid will only consist of Pell Grant funding.

AVOID PROCESSING DELAYS

For priority, file the Free Application for Federal Student Aid (FAFSA) no later than February 1st for the Fall semester. Processing time may take 2-3 weeks;

Complete the FAFSA application form according to directions, making certain that all items are legible and completed accurately;

Contact the Office of Financial Aid if you have questions on how to complete the forms.
Use the Data Retrieval Tool (DRT) for faster FAFSA processing.
Submit all requested documents to the Office of Financial Aid as soon as possible.

AWARD NOTIFICATION PROCESS

The Office of Financial Aid will acknowledge receipt of all documents online by accessing the WEBSIS system. Students should retain copies of all documents.
Offers of awards will be made within 10 days after information has been received and grades and other necessary information become available.

Students must electronically confirm acceptance of award offers by accessing the WEBSIS system within 10 days after receipt of the award notification.The award offer is for one academic year. Students must apply separately for summer and winter financial aid. Applications are available online at: www.morgan.edu or from the Office of Financial Aid, Montebello, rm.A203

CALCULATION OF FINANCIAL AID

The award offers are based upon a review and determination of students' financial need as determined by an analysis of the Free Application for Federal Student Aid (FAFSA) and by the Department of Education Federal Student Aid Program.

Once the "Expected Family Contribution" (EFC) has been determined and the cost of attendance at the university (including tuition and fees, housing, books, transportation, and personal expenses) has been considered, most financial aid award offers will be made based on availability of funds. Due to limitations of funds and the large number of eligible aid applicants, the University is usually unable to meet up to 80% of the student's need. The student should expect to contribute to the cost of his/her educational expenses.

DISBURSEMENT OF FUNDS

Awards are usually disbursed in two equal installments: one half the yearly awards for the Fall semester, and the

other half for the Spring semester. Funds for direct expenses (tuition, fees, campus room and board) will be credited to the student's account prior to the beginning of each semester.

REFUNDS/Cash Disbursements

Refunds/Cash Disbursements are processed by the Office of Financial Aid after determining if students remained eligible for the refunds/cash disbursements and allowing for adjustments based on enrollment changes, changes in housing decisions, and other changes. Funds are delivered to students by the Office of the Bursar.

SATISFACTORY ACADEMIC PROGRESS

Policy: Effective July 1, 2011

In accordance with Federal Regulations Morgan State University (MSU) has developed a revised Satisfactory Academic Progress **(SAP)** policy. The university SAP policy measures **Qualitative** (grade point average), **Quantitative** (must have earned 67% attempted credits) and the **Maximum Time Frame** for completion of the program of study. This policy must apply consistently to all educational programs and to all students that apply for financial aid. The Financial Aid Satisfactory Academic Progress policy may slightly differ from the university's Satisfactory Academic Performance requirements that are located in the university's catalog.

Purpose: The intent of this policy is to ensure that all students that are recipients of federal student aid are evaluated to ensure that they are meeting the SAP requirements developed by the university in accordance with the regulations and guidelines put forth by the Department of Education.

Students applying for financial aid through programs under the Title IV of Higher Education Act must meet SAP requirements in order to receive financial aid assistance from programs, such as: Federal Pell Grant, Federal SEOG, Federal Work Study, Federal Direct Loans, Federal Plus Loans, State Scholarships Programs, Institutional Scholarships and others that may not be mentioned but still require SAP monitoring.

Satisfactory Academic Progress is determined after each spring semester which is generally one year in length, unless otherwise stated and documented.

Procedure:

To be eligible for financial aid, students must be making satisfactory academic progress. The Office of Financial Aid will determine aid eligibility by using the following criteria.

Undergraduate Students

Satisfactory Academic Progress Calculations:

To meet Sap requirements at Morgan State University students must successfully pass a minimum 67% of all accumulated attempted credits and have a minimum 2.0 grade point average (GPA), and be within the maximum time frame for completion.

Qualitative standard Students must maintain a minimum cumulative 2.0 GPA by the end of each academic year, unless otherwise stated and documented.

Quantitative standard and maximum time frame to accurately measure a student's progress in a program, more than a qualitative standard is needed. A student who is maintaining a high GPA by withdrawing from every course they attempt after the first year would meet a qualitative standard but would not be progressing towards graduation. Hence, the university measures the cumulative completion rate.

Cumulative Completion Rate calculation: Example: If a student attempts 16 credit hours, and earns 11 credit hours. The completion rate calculation is the number of earned credits divided by the number of attempted credits = the cumulative completion rate. In this example, 11/16 = 68%, so the student's completion rate is 68%.

Additionally, MSU has a **maximum time frame** in which a student is expected to finish a program. For an undergraduate program the time frame cannot exceed 150% of the published length of the program measured in academic years or terms or credit hours attempted, as determined by MSU. For instance, if the published length of an academic program is 120 credit hours, the maximum credits attempted must not exceed 180 (120 × 1.5).

Change of major, dual major, 2nd degree, Consortium Agreements and Transfer Students

Generally, all periods of the student's enrollment count when determining SAP, including periods in which the student did not receive financial aid. However, for MSU students who **change majors**, credits attempted and credits earned that do not count toward the new major will not be included in the SAP determination. This due to changing major SAP "reset", maybe only done one time.

Students seeking **dual degrees** and **2nd degrees** will have to be evaluated via the Office of Financial Aid Audit Credit Evaluation Form because only credits that apply to the educational programs that they are currently seeking will be counted for SAP purposes. Generally, the total acceptable **transfer credits** are added to the student records, but not all accepted credits go towards the actual degree seeking program. Therefore, it must be determined that students that are in one of the above categories must request an Audit Credit Evaluation Form from Office of Financial Aid to submit to their perspective Academic Advisor. Students are required to submit to the financial aid office the completed form with an Academic Advisor's signature and phone extension, with no exceptions. In

addition, if the student's credits are close to reaching 150 %, a Credit Evaluation Form will assist the Office of Financial Aid with determining the exact number of credits that will be counted toward that program.

Consortium credits hours are treated the same as transfer credits.

Note: Consortium Agreement forms are online

Graduate Students
All graduate students must meet the Qualitative component of the SAP policy by maintaining a minimum 3.0 GPA. The maximum time frame is based on the statute of limitations and the required number of credits required for each educational program.

Repeating Courses,
July 2012, Federal Regulation 34 CFR 668.2(b) and 34 CFR 668.20(d),(f)
Per federal regulations the institution will count credits towards enrollment status and award federal aid funds to a student who is repeat a class for a previously passed course. **The school will not pay federal aid to students for retaking previously passed classes several times.** While a student may be repeatedly paid for repeatedly failing the same course, the SAP policy still applies to each case. If a student withdraws before completing the course that they were paid federal aid funds for retaking, that class will not be counted as their one allowed to retake. However, if a student passed a class once and then is repaid for retaking the class and fails the second time, that failure counts as their paid retake and the student may not be paid aid for retaking the class a third time.

Withdrawal
Students that **withdraw officially** from the university should do so by contacting their Deans or designated official within their Schools to begin the process of officially withdrawing from the university. Students are instructed to get signatures from all departments listed on the Withdrawal Routing form. The Financial Aid Administrator will perform the Federal Student Aid Return of Title IV Funds Calculation to determine the amount of aid that the school is allowed to remain on student's accounts or return to the Federal Title IV programs. Students that **unofficially withdraw** are treated the same. The Office of Financial Aid will determine the students last day of attendance per the activity date recorded by the Registrar. If federal aid has posted, the Office of Financial Aid will perform the Return of Title IV calculation.

Incompletes,
Students that received an incomplete in a course in the prior term and are **completing the coursework** in the subsequent term to erase the incomplete in the prior term, are not considered to be enrolled in the subsequent term. Therefore, the hours in the course do not count toward the student's enrollment status for the subsequent term, and the student may not receive federal aid for retaking the course. However, if a student who received an incomplete in a course in the prior term is retaking the entire course for credit in the subsequent term, the hours in the course count towards the student's enrollment status, and the student may receive federal student aid funds for retaking the course.

Remedial and non-credit courses
A one- year limitation on remedial and non-credit courses applies. A student repeating a remedial or non-credit course that exceeds the one- year limitation cannot have the class included in his enrollment status.

Failing Satisfactory Academic Progress Requirements, Revised July, 2011
SAP Appeals
Students who become ineligible for aid because of unsatisfactory academic progress may appeal by submitting a typed letter along with supportive documentation attached to the Financial Aid Appeal Form explaining why the student failed to meet Satisfactory Academic Progress (SAP). The appeal should be submitted to the Financial Aid Appeals Committee no later than the online designated dates made available prior to each term. It can take up to 3 or more weeks to receive a decision from the committee**. If a student's appeals are denied, the student will remain ineligible for federal aid but can apply for an Alternative non-federal loan (see Financial Aid website for online lender information). Students may appeal a denied by the committee by submitting a second typed appeal letter and additional supporting documentation to the Director of the Office of Financial Aid** seeking to regain eligibility for federal aid. If the second appeal is approved, students will be granted a **one term only financial aid probation for the semester.** The terms for a Director's one term probation period are as follows: student must sign a written statement agreeing to these requirements:

student must pass all credits.

student cannot receive any grade of a F,I or W.

student has to earn a semester GPA of a 2.0 or better.

The decision of the Director is final. There is no further way to appeal.

Financial Aid Probation
If it is determined that a student should be able to meet the SAP standards, they may be given financial aid probation, which requires students to meet the Financial Aid Satisfactory Progress requirements by earning 67% of attempted credits and having a minimum 2.0 GPA or at the end of the one term probation period. Students must pass all attempted classes without receiving any I, F or W grades. During the probation period, students may continue to receive Title IV aid until the end of the subsequent semester. However, at the end of the one -time only financial aid probation period, if the student did not meet the SAP standards, the student can regain aid eligibility by participating in the **Academic Plan.**

Re-establishing Academic Progress with the Academic Plan
A student who loses financial aid eligibility because they

are not meeting MSU's SAP standards can regain eligibility only by participating in the **Academic Plan Program**. Students will meet with their designated **faculty advisor, CASA advisor or Retention advisor** to develop an academic plan. Once the Plan is developed, students must make sure that they are academically progressing for 4 consecutive semesters and either the Plan's requirements or SAP standards. The Plan will allow students to take action that will bring them into compliance with the qualitative and quantitative components of SAP standards, and to help them stay on pace for completion of their program to graduate

TYPES OF AID

Student Financial Aid types consist Federal Student Aid Programs, Private and Institutional Student Aid Programs. More information may be found at www.morgan.edu/financial_aid/type_of_aid.html

a. Federal Pell Grant. Students must apply for the Federal Pell Grant to be considered for other types of financial aid. If eligible, the amount of their grant is based on the following but not limited to;

1. The number of credit hours
2. The cost of attendance, and
3. Student's level of need as determined by the processing of their FAFSA and the resultant Student Aid Report (SAR). The SAR will be sent electronically to the student by the federal processor. Students must read their SAR and carefully submit any needed corrections back to the Federal Student Aid Services.

The student's signature (electronic pin #) means that he/she understands the conditions of the award. If the student's Expected Family Income (EFC) is asterisked (*), he/she must complete a verification process through the Office of Financial Aid. In those instances where verification is required, a verification form and other forms can be obtained via the web at to financial aid at www.morgan.edu/financialaid. All forms are available at the Office of Financial Aid campus location; Montebello Complex A Wing, Room A203. Verification must be completed prior to the award of any type of federal student aid.

Students who use the Federal Pell Grant or other aid for only one regular semester in the academic school year may use the remaining portion for summer school attendance.
NOTE: Summer sessions financial aid applications are available online

Federal Work-Study (FWS) Program provides employment opportunities to stu- dents. If eligible funds are available, Work- Study allows a student to work on or off campus. The FASFA application results must be on file in the Office of Financial Aid before awards can be determined. All Student Work Programs must be cleared through the Student Employment Office (SEO). Students may work a maximum of 20 hours a week. Award amounts vary, and hourly wages are determined by the SEO and employment category. Federal Work-Study earnings are not credited to a student's bill. Students receive a bi-weekly check for hours worked. Applications and Employment Listings are available online at www.morgan.edu/financialaid, as well as in the Student Employment Office (SEO) located in the Montebello Complex, A Wing, Room 223, (443) 885-3141.

Federal Supplemental Educational Opportunity Grant (FSEOG)
FSEOG is a federal grant awarded to Pell eligible students in amounts not to exceed $2,000 annually. Further, this award is dependent on the availability of funds. FSEOG is for undergraduates with exceptional financial need.

Federal Perkins Loans
These loans are available to eligible undergraduate and graduate students. The Perkins Loan is a low interest loan to help students pay for their education. These loans are made through the Office of Financial Aid and students must accept the award on WEBSIS. The Office of the Bursar will contact the awardees via their MSU student email and will typically send students a package, including a promissory note, entrance interview, etc. The Perkins Loan is a Federal Student Aid Program; however Morgan State University is the lender. Repayment on this loan begins nine months after graduation. Enrolling for less than half-time or discontinuing study will also result in repayment of the loan. Payments are to be made payable to,

Campus Partners
P.O. Box 2902 Winston Salem, NC 27102-2902
Telephone: 1-800-458-4492
Web: www.mycampusloan.com

Eligible students may receive a Federal Perkins Loan to the extent to which funds are available. The Office of the Bursar-Perkins Office is in Montebello Complex, A Wing, Room 109, (443) 885-3108. An Entrance Interview and the Federal Perkins Loan Promissory note must be completed and submitted to the Office of the Bursar before disbursement of this loan.

Federal Direct Loans
Federal Direct Loans are low-interest loans given to students by the federal government and are disbursed

directly to the school. The institution determines your eligibility and annual loan amounts student's grade level and FAFSA information. The loans must be repaid with interest charges as indicated in the loan agreement/promissory note. The Federal Direct Loan Program offers subsidized and unsubsidized loans. With the subsidized loan, no interest is charged and no repayment is required until six months after you cease to be enrolled on at least a half-time basis. If you borrow the unsubsidized loan, interest will accrue while you are in school and during your grace periods. Like the subsidized loan, no repayment is due until six months after you cease to be enrolled on at least a half-time basis.

As an **undergraduate dependent** student you may borrow up to $5,500 for the freshman year, up to $6,500 for the sophomore year, and up to $7,500 for the junior and senior years combining subsidized and unsubsidized to an aggregate maximum of $31,000 (no more than $23, 000 of which can be subsidized) for your undergraduate studies.

Dependent undergraduate students are eligible for an **additional unsubsidized loan at each grade level whose parents are unable to borrow**. PLUS Loans will have to denied and documented by the loan officer and independent status will have to be verified by FAFSA data, in order to award additional funds.

As an **undergraduate independent student** you may borrow up to $9,500 as a freshman and up to $10,500 as a sophomore and up to $12,500 as a junior and senior combining subsidized and unsubsidized to an aggregate loan limit at $57,500 (no more than 23, 000 of which can be subsidized) for your undergraduate studies.

Graduate students may borrow up to $20,500 a year, and up to an aggregate loan limit total of $138,500, including loans made at the undergraduate level.

The amount students may borrow depends on the students' financial need as established by the FAFSA and other information. Limitations are established by the Federal Government.

Offers are made through the Office of Financial Aid and students must accept loans on WEBSIS. New borrowers must log on to www.studentloans.gov to complete an Entrance Counseling session and electronically sign the Master Promissory. Students must be making satisfactory academic progress to be approved for federal loans. Further, before the students can receive loans, the University must first determine their eligibility for the Federal Pell Grant. For more information please contact the Loan Office, Montebello Complex, C Wing Room 200. (443)-885-3637.

Federal Parent Loans Undergraduate Students (FPLUS). FPLUS Loans are for parents who want to borrow to help pay for their student's education. The annual loan limits are the cost of attendance minus all the other aid the student receives for that academic year.

The borrower must apply online for a Parent Plus Loan at; www.studentloans.gov. The borrower must be one of the dependent student's parents. Once the Plus is approved the money will disburse to the school if the Plus Loan is denied the student will be offered an additional unsubsidized loan and must accept or decline on WEBSIS. The interest rate is variable, but it will never exceed 9 percent. Interest begins to accrue on the day the loan is disbursed, and borrowers usually have ten years to repay (excluding periods of deferment and forbearance).

Alternative Loan Programs.
The Alternative (private) Loan Programs were developed to meet the special financing needs of students and are offered through private agencies. Lenders may require a cosigner, have interest rates that are usually higher than the Federal Direct Stafford Loans, and have interest accrual from the disbursement date.

Institutional Scholarships and Grants

Honors Scholarships.
These awards are available to entering freshman with high SAT scores and high school grade point averages. For details, students should contact their Director of the University Honors Program, Jenkins Building, Room 101, (443) 885- 3429 or visit www.morgan.edu/honorsprogram.

Institutional Grants
These awards are available on a limited bases to new and continuing Morgan students, primarily based on need. Award amounts very. Students may apply online at the Office of Financial Aid website, by clicking the link to the common Institutional Aid application.

Admissions Grants
The Office of Undergraduate Admissions and Recruitment awards several types of scholarships and grants for new students. For details, students should contact the Office of Undergraduate Admissions. For details, students should contact the Office of Undergraduate Admissions.

Athletic Grants
Grants are available to selected participants on intercollegiate athletic teams. Amounts vary and are determined by the University Athletic Department. For details, contact the **Athletic Compliance Officer, Hill Field House, (443) 885-3050**

ROTC Scholarships
Four-year Army ROTC scholarships are offered by the U.S. Army to selected high school seniors who desire to pursue a military career. These scholarships pay for all tuition, books and laboratory fees and provide monthly stipends. Three, two and one-year scholarships are awarded to college freshman, sophomores, and juniors, respectively, on a competitive bases. For details, students should contact the Chairperson of the Military Science Department, Turner's Armory, Room 115, (443) 885-3263.

Maryland State Scholarships.
To be eligible for many state programs, the student must be a Maryland resident and submit a Free Application for Federal Student Aid (FAFSA). The FAFSA must be postmarked by March 1st of the award year. Students may visit the Maryland Higher Education Commission (MHEC) homepage at www.mhec.state.md.us to view all of the Programs and Applications. Other states may have scholarship programs. Students are encouraged to contact their state scholarship administration.

Private Scholarships/Grants.
A limited number of private scholarships/grants are available each year through the institution.
These may be based on area of study or other requirements. They also may be limited by student classification. For details, students should contact the appropriate department or school/college. Also, students should do regular on line private scholarship searches throughout the academic year.
or other requirements. They also may be limited by student classification. For de- tails, students should contact the ap- propriate department or school/college. Also, students should do regular on line private scholarship searches throughout the academic year.

Veteran Services

The Office of Enrollment Outreach and Veteran Services facilitates the provision of services to contact the Veteran Coordinator and certifying officer.

Students who are eligible for benefits under the Veterans Educational Assistance Act must notify the University each semester that they are enrolled so they may be certified to receive the appropriate benefits. Students who have never applied for benefits must submit an application (VA Form 22-1990) along with a copy of their DD 214 and all documents necessary to support evidence of dependency. For the U.S. Department of Veterans Affairs forms and additional information on Veteran Education benefits visit www.gibill.va.gov.

CONTINUING STUDENTS who are receiving veteran benefits will be eligible for advance payment. Advance payment is offered when a veteran student first applies for benefits or when a veteran student returns after missing semesters. An enrollment certification should be completed in the Office of Records and Registration 60 days prior to the registration period. Continuous payment will be offered to the continuing student for the remainder of his/her enrollment. Veteran students must meet the same admission standards as all other students. Since it takes 60 days or more to clear a VA application for educational benefits, new students are urged to apply to the Office of Undergraduate Admission and Recruitment for acceptance as early as possible. A copy of the letter of acceptance MUST be presented to the Office of Records and Registration in order to apply for veteran's educational benefits.

TRANSFER APPLICANTS from other colleges or universities MUST advise their local V.A. office by filing "A Change of Program or Place of Training" (22-1995) form. In order to receive an advance payment check, the student must file at least 60 days prior to Morgan's registration.

VA "I" GRADE POLICY

The Veterans Administration's "I" grade policy affects payments to VA students. The Veterans Administration policy states that "I" grades must be made up within one (1) calendar year from the date the "I" grade was earned. Failure to do so within the allotted time will result in an overpayment which the student must repay to the VA because the VA does not pay for courses in which "I" grades are earned. Any questions about the VA "I" grade should be directed to the VA Certification Officer, Office of Records and Registration, (443) 885-3300. Please also refer to the "I" grade policy in this catalog.

CHANGE IN ENROLLMENT or ACADEMIC STATUS

IT IS THE VETERAN'S RESPONSIBILITY TO NOTIFY THE OFFICE OF RECORDS OF ANY CHANGES IN COURSE LOAD THAT MAY AFFECT HIS/HER MONTHLY ALLOTMENT. Timely reporting of such changes will prevent subsequent charges of over payment by the Veterans Administration. Should a veteran know in advance that he/she will be returning for any succeeding semester or summer session, it is his/her responsibility to notify the Office of Records and Registration that he/ she is desirous of being certified continuously.

Moreover, should a veteran be certified for any given semester or summer session and not attend or withdraw, it is his/her responsibility to notify the Office of Records and Registration.

Veterans who are placed on Academic Probation or officially dropped from the University for any reason will be reported to the Veterans Administration within (30) days of the University'saction.

TRANSFER STUDENTS

Students transferring from other colleges must present to the V.A. certifying official of Morgan State University a copy of their official tran- script from all other institutions for which educational benefits were paid.

STUDENT STATUS

All persons requesting certification for educational benefits must be matriculating students pursuing courses leading toward an academic degree.

ADVANCE PAYMENT PROCEDURES

The Advance payment consists of the allowance for the remaining portion of the initial enrollment month plus the whole allowance for the next month. Students are not guaranteed two full calendar months' pay; therefore, students must expect Advance Pay to cover completely the tuition and fees. The Advance Pay can be applied for only if the student will be enrolled at the University on at least a half-time basis and meets the established office deadline.

New freshmen are urged to apply early to the Admissions Office for acceptance since it takes

90 days or more to clear a VA application for educational benefits. Once students have re- ceived their acceptance letters, they should contact the Office of Records and Registration to apply for veterans' educational benefits.

APPROVED PROGRAM

The VA will pay the veteran only for the courses listed in the University catalog that are required for his/her degree. If students take courses in ad- dition to those listed for their curriculum, they will not be entitled to receive VA benefits for them.

of monthly benefits.

RECORD EVALUATION SUMMARY

At the end of each academic year, certified VA students will be required to meet with their academic advisors to prepare a record evaluation summary of all courses taken up to that time. This form may be obtained from the VA certifying official in the Office of Records and Registration. Upon completion this evaluation must be returned as soon as possible to the campus VA office.

Failure to adhere to these instructions will result in the cancellation of monthly benefits.

ACADEMIC POLICIES

THE ACADEMIC YEAR

The academic year at Morgan State University is divided into two semesters of approximately fifteen weeks each. In addition, the University offers a winter minimester and two summer sessions. Students may matriculate at the University at the beginning of the fall or spring semester.

BACCALAUREATE DEGREES OFFERED The Bachelor of Arts degree will be awarded to those who satisfactorily complete a minimum of 120 semester hours of work in the required distribution of courses. The number of quality points earned must be at least twice the number of credits pursued at the University. This degree is granted to those completing a major in the following:

Economics
English
Fine Art
History
Journalism
Music – Fine Arts
Multimedia Journalism
Multi-Platform Production
Philosophy
Political Science
Sociology
Speech Communications
Strategic Communication
Theatre Arts
Screenwriting and Animation

The Bachelor of Science degree will be awarded to those who satisfactorily complete a minimum of 120 semester hours of work in the required distribution of courses. The number of quality points earned must be at least twice the number of credits pursued at the University. This degree is granted to those completing a major in the following:

Accounting
Actuarial Science
Architecture & Environmental Design
Biology
Business Administration
Chemistry
Civil Engineering
Computer Science
Construction Management
Economics
Electrical Engineering
Elementary Education
Engineering Physics
Entrepreneurship
Family and Consumer Science
Finance
Health Education
Hospitality Management
Industrial Engineering
Information Systems
Journalism
Management Marketing
Mathematics
Medical Technology
Multimedia Journalism
Multi-Platform Production
Nursing
Nutritional Science
Physical Education
Physics
Psychology
Public Relations, Advert. & Media Sales & Ratings
Service & Supply Chain Management
Social Work
Strategic Communication
Transportation Syst

STATUTE OF LIMITATIONS (SEVEN-YEAR RULE)

Students matriculating as degree students at Morgan State University are allowed seven consecutive years to complete requirements for the degree in order to be graduated under the catalog in effect when they entered the University. If students have not met the requirements for graduation within that time frame, they will be denied eligibility for graduation under the catalog in use when they entered the University. In such cases, those students will be graduated under the current University catalog. Students exceeding the statute of limitations may appeal to the Dean of the school/college in which their majors are located for exceptions to this rule.

SEMESTER CREDIT HOURS

A semester credit is defined as one 50-minute lecture class per week (or its equivalent) for one semester. A three-hour class may meet for three 50-minute periods per week; for two 75-minute periods per week; or for one 50-minute period and one 110-minute period per week, or for a combination of these formats for one semester. Laboratory and studio classes normally require two to four hours in class per week as the equivalent of one semester hour. Internship and practicum courses normally require three or more contact hours per week as the equivalent of one semester hour.

COURSE NUMBERING

All course numbers are represented by either six (6) or seven (7) alphanumeric characters (i.e. AAAA 111). The first three or four characters are the alphabetical code. The first digit of the three-digit numeric code represents the level of instruction: 100 = freshman, 200 = sophomore, 300 = junior and 400 = senior. **Students are not allowed to register for courses unless they have met the course prerequisites or by special permission of the respective Dean or his/her designee.**

CLASSIFICATION OF STUDENTS

All matriculating students, full- and part-time, will be classified as follows:

Freshman	**0-24 credits**
Sophomore	**25-55 credits**
Junior	**56-89 credits**
Senior	**90 credits and above**

FULL-TIME: Students who are pursuing a minimum of 12 semester hours.

PART-TIME: Students who are pursuing less than 12 semester hours.

MATRICULATING: Students who have been officially admitted to the University by the Office of Undergraduate Admission and Recruitment and who are working toward degrees.

NON-MATRICULATING: Students who are not candidates for degrees but who have been officially granted special permission to pursue specified courses or a limited specified curriculum. The students may be enrolled on a full-time or part-time basis.

GRADING

The following grades are issued in the undergraduate program at the University:

A Superior

B Above average

C Average

D Less than average

F Failing work, must repeat course if credit is desired

I Some phase of work incomplete at the time grades reported

PS Pass

PT Pass credit by examination

FL Failed proficiency examination

S Satisfactory completion of course

NG No grade reported

W Official withdrawal

TW Term Withdrawal

NA Never attended the class

GRADE CHANGE POLICY

It is University policy that *once a grade is recorded, changes are allowed only in the following instances*:

(1) Incompletes - All incompletes must be removed by the end of the next semester of enrollment following the granting of an incomplete ("I") grade.

(2) Recording error(s) and/or miscalculations of a grade must be changed no later than the end of the semester following the recording error or miscalculation. Grade changes must be approved by the area Chairperson and Dean.

NOTE: All changes under part (2) of this policy must be supported by documentation; for example, grade books, papers, examinations and calculation records.

GRADING POLICIES

Freshman Grading Policy

Freshmen (students who enter Morgan State University with "0" college credits), will be graded in accordance with the regular grading system, i.e., A, B, C, D, F, for all courses. In the case of develop- mental courses, i.e., DVRD 101 and MATH 106, all students will be required to repeat any course in which a grade of less than "C" is earned. Developmental courses do not receive degree credit.

Repeating Courses For Credit

Students should repeat only courses in which a grade of "D" or "F" has been earned. When students repeat courses, each grade will be recorded on the transcript and the computed cumulative grade point average will be based on the grade earned most recently ***(even if it is lower than the previous grade earned)***. There may be significant financial aid implications of repeating courses that have been previously passed. Students should consult the Financial Aid section of the catalog for more information.

Pass/Fail Option

Any student classified as a Junior or Senior is allowed to pursue a maximum of six semester hour credits, not required in the general education or major field of study areas, under the provisions of the school Pass/Fail Option. The academic record will show either "PS" (Passed) or "F" (Failed). The Pass/Fail Option must be exercised at registration via an Application for Pass/Fail Option which must be filed in the Office of Records and Registration. The option is irrevocable after registration.

Auditing

The privilege of auditing is open to all students. The option to audit a course must be made at registration and is irrevocable thereafter. The auditing fee is equal to the charge for one credit. Students paying full-time tuition and fees are not charged additionally for auditing. Audited courses: (1) do not count as part of the semester's credit hour load; (2) do not count as credit toward graduation unless repeated later for credit; (3) will appear on the transcript as an "AU;" and (4) may not be used to repeat a course for which credit has already been earned. Students must meet course prerequisites in order to audit a course. Forms are available in the Office of the Dean.

"I" Grade Policy

"Incomplete" ("I") is given in exceptional cases to a student who has completed the majority of the work satisfactorily and due to documented illness or other documented emergencies beyond his/her control, he/she has been unable to complete the requirements for the course. The student must complete the work by the end of the next semester of enrollment. Otherwise, the "I" grade is changed to "F."

The form to petition for an "I" is available online; The recording of the "I" grade must be approved by the Dean.

QUALITY POINTS

Letter grades carry the following quality points: A-4; B-3; C-2; D-1; F-0. **Transfer credit hours are not computed in the cumulative grade point average.** The grade point average is computed in the following manner: Multiply the numerical values of the letter grades received by the credit hours assigned to the courses. The sum of the products of all courses pursued divided by the total number of quality hours attempted gives the grade point average.

CLASS LOAD LIMITS

The regular class load limit for students in good standing is 18 credits except for students majoring in Engineering where the regular class load limit is 19 credits. Authorization for loads in excess of 18 credits must be secured from the Dean of the school or college in which a student is enrolled. The class load limit for students on probation is 13 credits. Students requesting to carry excess credits must secure a "Request for Excess Credit" form from the office of their respective dean and submit it to the Office of Records and Registration during the registration period.

COURSE CREDIT FOR EXTERNAL COURSES

Students must receive permission from their advisor, chairperson and dean prior to taking courses at other colleges or universities. Failure to do so will result in non-acceptance of the course. Graduating seniors in their last semester will be prohibited from taking courses at other colleges or universities unless they have obtained authorization for a waiver of the 30- hour rule from their dean's office. ***To earn credit for a course in which a student has received a failing grade (D or F), the course must be repeated at Morgan.*** *In extraordinary circumstances, exceptions may be approved by the Dean.*

Of particular note for students who may wish to take a course off-campus, is the Baltimore Student Exchange Program involving fifteen local institutions. Visit www.baltimorecollegetown.org or contact the Registrar's Office for more details.

DOUBLE-COUNTING OF COURSES

Subject to the specific requirements for the various majors, minors and certificates, students may use a course to satisfy identical course requirements in up to two of the following areas: 1) general education requirements; 2) requirements for the major; 3) requirements for the second major; 4) requirements for the minor; 5) requirements for the certificate. The credits earned for the course count only once toward the total 120 credits (or more) needed for a degree or certificate program.

CLASS ATTENDANCE

The following class attendance policy (approved by the Board of Regents on May 15, 1991) applies at the University: With the intent of optimizing student performance and ensuring students the opportunity to achieve their ultimate academic success, students are expected to attend all classes. Excessive absences may result in a failing grade. It is the student's responsibility to confer with the course instructor concerning absences and the possibility of arranging to make up missed work, where that is a possible option. If students are absent from class to participate in University-sponsored or other University-endorsed activities, they may be permitted to make up any work that they missed, but they must make arrangements with their instructors in advance of the absence. Students must provide appropriate documentation for absences from classes resulting from illness or other emergencies. Instructors will make good faith efforts to ensure that students are not unduly penalized for excused absences. Instructors shall provide, as part of their course syllabi, a clear explanation of the policy on class attendance expectations, and the consequences of breaching said policy.

REGISTRATION

Registration dates are listed in the Academic Calendar available on the University website. Students register online using WebSIS. Students experiencing difficulty registering should contact the Office of Records and Registration or their advisor. All students are required to complete registration by the last day of the designated registration period. Those students failing to do so will be charged a late registration fee.

Students should meet with their assigned academic advisor prior to registration. Students are responsible for registering themselves through Websis, and for dropping and withdrawing from classes as needed by the deadlines noted in the Academic Calendar.

DROPPING AND WITHDRAWING FROM CLASSES

Students are responsible for dropping or withdrawing from classes according to the deadline published in the Academic Calendar available on the website. When a student removes him/herself from a course before or during the add/drop period, it is considered a drop. There are no academic consequences from this action, but there may be financial aid repercussions for this drop if the student no longer meets aid qualifications. The course will show on the student's registration history as dropped but will not post on any unofficial or official transcripts and does not count as attempted credit.

A withdrawal from a course occurs when a student removes him/herself from a course after the add/drop period has passed. There may be financial repercussions for this withdrawal based on the refund schedule. Please consult the Tuition and Fees section of this catalog for information on the refund schedule, and the billing and financial impact of drops and withdrawals. The academic consequences from this action include receiving the grade of "W" for the course, which will appear on any unofficial or official transcripts, and does count as attempted credit. A grade of "W" will not impact the student's GPA, but does not count as completed credit toward the degree. Students are advised that only individual courses may be dropped or withdrawn in Websis. Students intending to withdraw from the entire semester must utilize the official withdrawal procedure, which begins in the dean's office. Entire semester withdrawals will appear on the transcript with a grade of "TW".

Students are advised that discontinued attendance does not constitute dropping or withdrawing from a class. Failure to report for any class that appears on students' schedules may result in a grade of "NA" or "F". In either case, the financial charges apply. Only if a student receives ALL NAs will the University administratively cancel the student's registration. In this instance, all federal and institutional financial aid received for that semester will be canceled. Discontinuation of attendance without officially dropping the class or withdrawing from the University will result in a grade of "F," which is computed in the semester and cumulative averages, and the financial charges apply.

In exceptional cases, a retroactive cancellation or withdrawal may be granted based on extenuating circumstances which significantly impaired the student's

ability to cancel registration or withdraw by the established semester deadlines. Such circumstances require official supporting documentation, which should be presented to the Office of Records and Registration.

SATISFACTORY ACADEMIC PERFORMANCE*

A student whose cumulative grade point average is at least 2.00 will be considered as making satisfactory academic progress and will be designated a *student in good standing* at Morgan State University.

Unsatisfactory Academic Performance Students with a cumulative grade point average of less than 2.00 fall into one of two categories: academic probation or academic dismissal. The cumulative grade point average that defines each of the categories of unsatisfactory academic performance varies according to the student's credit level as noted in the following table:

Total Attempted Credits	Academic Probation if GPA is	Academic Dismissal if GPA is
0-24	0.00-1.99	---------
25-47	1.90-1.99	0.00-1.89*
48-72	1.95-1.99	0.00-1.94*
73 or more	---------	0.00-1.99*

* Students matriculating as first time freshmen will not be dismissed regardless of cumulative grade point average or number of credits earned during their first two semesters. No student shall be academically dismissed at the end of any semester during which he/she was registered for at least twelve (12) credit hours and earned a minimum of twelve (12) credit hours with a grade point average of 2.00 or better. Academic dismissal must be preceded by at least one semester of academic probation. All credit hours transferred to Morgan are included in the Attempted Credits totals in the above table when determining the category of academic performance. However, transferred credits are not included in computing the GPA.

Academic Probation

At the end of any given semester, students whose cumulative grade point averages fall below the thresh- olds outlined above are automatically on academic probation and should seek academic counseling and guidance from the office of the Dean of the school in which he/she is enrolled. Students on academic probation are restricted to thirteen (13) credit hours per semester and are required to repeat all courses in which deficiencies have been received before they may take new courses, insofar as scheduling permits. Students remain on probation until their cumulative grade point averages increase to 2.00.

Academic Dismissal

Students whose cumulative grade point averages meet the conditions for academic dismissal outlined in the aforementioned Unsatisfactory Academic Performance table may be dismissed as degree students at the University. Thereafter, they may not enroll as degree students without formal readmission to the University. Students who are academically dismissed from Morgan State University are entitled to appeal their dismissal when there are extenuating circumstances which deserve consideration by the University. Such appeals are made to the Dean of the school/college in which the students are enrolled. Students who successfully appeal their dismissal through their Dean are on probation. Unless granted written permission by the Dean to do otherwise, they are governed by the requirements for students on probation.

Academic Recovery Program

Dismissed students are eligible to participate in the Academic Recovery Program (ARP). Students are not considered for readmission to the University until they have raised their cumulative grade point average to 2.00 through enrollment in ARP. Additional information about ARP may be found in the Office of Student Success and Retention section in the catalog.

POLICY ON ACADEMIC DISHONESTY Faculty at Morgan State University make a concerted effort to promote honest academic conduct among students to ensure that their evaluation of students' academic performance accurately reflects each student's true merit. Academic dishonesty is, therefore, among the most egregious offenses a student can commit because it interferes with the University's primary mission of educating and evaluating students. Thus, academic dishonesty will not be tolerated at the University. Some of the more common forms of academic dishonesty are listed below. This list, however, is not intended to be an exhaustive representation of all the possible forms of academic dishonesty. Any student who is found to have engaged in academic dishonesty shall fail the assignment and may fail the course. The student may also be referred to the Dean of the college or school in which the student's major is located for additional disciplinary action by the University. All instances of academic dishonesty shall be subject to the full range of penalties at the University's disposal.

I. TYPES OF ACADEMIC DISHONESTY

1. Cheating is fraud. Cheating is the use of, the attempted use of, or acquisition of unauthorized information such as books, lecture notes, study aids, answers from other students, or other materials for the purpose of submitting a part or all of the un- authorized information as one's own individual effort in any class, clinic, assignment, or examination. Helping or attempting to help another person commit any act of academic dishonesty is also a form of cheating. **Examples:** Examples of cheating include, but are not limited to, the following actions:

a. Copying from another student's paper or test, or receiving assistance from another person during an exam or other assignment in a

manner not authorized by the instructor;

b. Buying, selling, removing, receiving, or possessing an unauthorized copy of a test, quiz, exam, or other form of academic evaluation in advance of its administration by the instructor of the course in which the student is properly registered;

c. Using material or equipment such as crib notes, a calculator, or a tape recorder during a test, quiz, exam, or other form of academic evaluation that has not been authorized by the instructor;

d. Working with other students or other individuals on any exam, take home assignments, computer or laboratory work, or any other assignment when the instructor has required independent and unaided effort;

e. Attempting to influence or change an academic evaluation, grade, or record by deceit or unfair means, such as (1) hiding or damaging the academic work of another student to gain an unfair advantage in an academic evaluation; or (2) marking or submitting an exam or other assignment in a manner designed to deceive the instructor;

f. Submitting, without prior permission, the same academic work which has been submitted in identical or similar form in another class or in fulfillment of any other academic requirement at the University;

g. Permitting another student or individual to take a test, quiz, exam, or other form of academic evaluation for one's self; or conversely, taking a test, quiz, exam, or other form of academic evaluation for another student; and,

h. Helping or attempting to help another student cheat by providing assistance to that student during an exam or other assignment in a manner not authorized by the instructor.

2. **Plagiarism** is theft. Plagiarism is submitting, either orally or in writing, the words, ideas, drawings, or other works of another person as one's own without appropriate citation in order to receive credit for having completed an academic assignment or exercise.

Examples: Examples of plagiarism include, but are not limited to, the following:

a. Submitting material or work for evaluation, in whole or in part, which has been prepared by another student, an author of a published article or textbook, or by persons producing papers for profit;

b. Using a direct quotation from another student's papers or from an author of a publication without including the appropriate citation;

c. Paraphrasing or summarizing another's work without including the appropriate citation; and,

d. Using information stored electronically, e.g., submission of papers and or information found on computer disks, the Internet, etc., without including appropriate citation and/or acknowledging the source.

3. Abuse of Academic Materials is destruction of property or making inaccessible academic resource materials owned by the University or stored in a University facility.

Examples: Examples of abuse of academic materials include, but are not limited to, the following actions:

a. Destroying, hiding, or otherwise making unavailable for common use any library materials, materials placed on reserve by faculty, electronically stored information, or other academic reference materials; and,

b. Destroying, hiding, or otherwise making unavailable another student's notes, faculty lectures and/or tests, experiments, computer programs, or other academic work.

4. Stealing is the unauthorized taking, attempting to take, or withholding the property of another and thereby permanently or temporarily depriving

the owner of its use or possession.

Examples:

Examples of stealing include, but are not limited to, the following actions:

a. Unauthorized removal of library texts, magazines, electronic equipment or electronically stored information and other materials from the library;

b. Unauthorized removal of lecture notes, grade books, examinations, computer programs, or any other academic materials from the office of any faculty member;

c. Obtaining unauthorized advanced access to an examination or other academic assignment either acting alone or in collusion with other students or University employees; and,

d. Taking another's academic work, such as papers, computer programs, laboratory experiments, or research results.

5. **Lying** is making any oral or written statement which the individual knows, or should know, to be untrue.

Examples: Examples of lying include, but are not limited to, the following actions:

a. Making a false statement to any instructor or other University employee in an attempt to gain advantage or exception with regard to an academic requirement or assignment;

b. Falsifying evidence or testifying falsely, such as in a hearing involving academic dishonesty;

c. Inventing or counterfeiting data, research results, research procedures, internship or practicum experiences, or other information;

d. Citing a false source for referenced material/

Data;

e. Altering grade reports, class attendance records, course registrations, or other academic records;

f. Submitting false excuses for absences;

g. Altering a returned exam paper or other work and seeking regrading without indicating that the returned paper or work has been changed; and,

h. Submitting unauthorized University documents to gain an internship, exception to University policies, and/or other advantage or to avoid a disadvantage or penalty.

II. PENALTIES

Any student who is found to have engaged in academic dishonesty at Morgan State University shall fail the test or assignment for which the student cheated and may be subjected to one or more of the following penalties including failure of the course in which the academic dishonesty occurred; written reprimand from the Chairperson, the Dean, and/or the Vice President for Academic Affairs; suspension and/or expulsion from the University. The *Dean* of the school or college in which the student's major is located shall be notified of the academic dishonesty and of the proposed penalty by the Dean (or the Dean's designee) of the school or college in which the academic dishonesty occurred. Along with the penalties listed above, the Dean or the Vice President for Academic Affairs may impose special conditions on students who have engaged in academic dishonesty such as counseling, reduced credit loads, denial of admittance to certain majors or programs. Suspension and expulsion, the most severe penalties, may be imposed even though the accused student has never received a lesser penalty or penalties for previous academic misconduct.

1. Assignment of a Grade of "F." A grade of "F" shall be assigned to a student for the test, paper, and/ or the assignment in which the student committed an act of academic dishonesty. In addition to being assigned a grade of "F" for the assignment for which the student engaged in academic dishonesty, additional penalties, listed below, may be imposed upon the student.

2. Failure of a Course. A student may fail the course in which the academic dishonesty occurred.

3. Suspension from the University. Suspension can be imposed for a specified period, not to exceed two years.

4. Expulsion from the University. Expulsion is a permanent separation from the University.

5. Revocation. When an act or acts of academic dishonesty is/are found to invalidate a major piece of work required for a degree so that the validity of the degree or certification is jeopardized, then the sanction may include a recommendation to the University's Vice President for Academic Affairs to:

a. Reject a thesis, dissertation, or other work.

b. Revoke a certification or not grant a certification.

c. Revoke a degree.

6. Other Relevant Sanctions. In addition to the penalties described above, other sanctions may be imposed, such as, but not limited to, restitution, campus or community service, special projects, and special educational requirements.

ACADEMIC APPEAL PROCESS

The academic appeals process shall apply to any dispute concerning a student's academic standing at the University

including, but not limited to, disputes over grades as well as allegations of academic dishonesty. The academic appeal process requires that (1) students be given adequate notice of any offense of academic dishonesty with which they are charged; and (2) that students be given an opportunity to be heard by the Dean (or the Dean's designee) of the college or school in which the offense is alleged to have occurred. The Deans have the authority to set dispute resolution and appeal procedures for their respective academic divisions provided that any penalty imposed by (or approved by) the Dean shall be based on evidence collected and recorded by the faculty, the Chairperson, and/or the Dean.

Students who feel that they have been treated unfairly in the award of a grade or in the imposition of a penalty for committing an act of academic dishonesty have a right to use the academic appeal process at the University. A student shall first address the matter of the academic dishonesty, the grade, and/or any other academic penalty or issue with the facultmember who accused the student and/or assigned the grade and/or imposed or initiated the penalty. Second, if the dispute is not resolved with the faculty member, the student shall next address the matter with the Chairperson of the department in which the course is taught. The Chairperson shall investigate the matter thoroughly; make a record of the relevant evidence; and make a determination about the appropriateness of the accusation, the grade, or the penalty imposed on the student. If the matter is still in dispute following the investigation and determination by the Chairperson, the student has a right to appeal to the Dean (or the Dean's designee) of the school or college in which the dispute arose.

In all matters of academic appeal, the student may request a final appeal by writing to the Provost and Vice President for Academic Affairs (VPAA) within seven (7) working days of the receipt of the final decision of the Dean of the school/college. Appeals not filed in proper form with the Provost/VPAA within this timeframe shall not be considered. An appeal which fails to specifically set forth alleged procedural error with regard to the application of academic policy shall not be considered.

The decision of the Provost/VPAA is final and binding on all parties. The student's initiation of the appeals procedure shall not dislodge or delay any other consequences of the decision or action under dispute, such as placement on academic probation or dismissal; loss of scholarship; awarding of financial aid; or participation in activities that are dependent on the grade point average of the student.

MIDTERM GRADE POLICY

Each instructor shall evaluate undergraduate students' progress and assign a midterm grade for each undergraduate student enrolled in the class, using the university's accepted grade reporting technology and according to the university's published Academic Calendar. The midterm grade is only an indicator to the student and his/ her adviser of the student's performance in the course to that point; it will not be assumed that the final grade will be the same, and is not a permanent part of a student's academic record. A grade of "I" is not a valid midterm grade. Midterm grades are required only for the fall and spring semesters and only for full-semester courses.

UNIVERSITY EXAMINATIONS

Proficiency Examinations

At the discretion of the chair or dean of the college or school in which the course is offered, proficiency examinations may be available for undergraduate courses. Not all courses may be offered for proficiency credit. Successful completion of proficiency examinations gives the opportunity to receive credit for the courses in which examinations were taken, and this credit is indicated by the grade of "PT." Credit earned on the basis of a proficiency examination shall be awarded at the end of the semester (when final grades are due) in which the student took the examination.

Policies concerning credit by proficiency examination:

1. Students may not take proficiency examinations in courses they have failed (D or F) or in which they received an Incomplete (I). Exceptions may be approved by the Dean.

2. Application for credit by examination is equivalent to registration for the course; however, the credit hours are not recorded until after the examination is completed and do not influence the credit hour load limitation policy.

3. No examination may be attempted more than twice.

Applications for and further information about proficiency examinations should be requested from the Chairpersons in the department in which the course is offered.

Senior-Level Comprehensive Examinations This is a comprehensive examination in the major field of study

which must be passed by all candidates for graduation. Arrangements to take this examination are made by the student with the departmental Chairperson.

Proficiency Examinations in Speech and Writing (Non-Credit)

These are examinations which must be passed by all candidates for graduation. The Speech Proficiency Examination should be taken during a student's sophomore year. Students may not take the Writing Proficiency Examination until they have successfully completed both ENGL 101 and ENGL 102 with a C or better. -. There are no exceptions to this policy. No semester credits are earned in passing these examinations. However, failing either of these examinations disqualifies students from receiving Latin Honors. Additional information about registering for these examinations should be requested from the departments in which the examinations are offered.

GRADUATE WORK BY MORGAN SENIORS

With the approval of the chairpersons of departments concerned, and the Dean of the School of Graduate Studies, seniors at Morgan State University who have completed 96 credit hours toward the baccalaureate degree with a cumulative grade point average (GPA) of 3.0 or better and who also possess a minimum GPA of 3.0 in their major may register for a maximum of six (6) credit hours of course work in the School of Graduate Studies.

Upon admission to the School of Graduate Studies, students may, when appropriate, have the credit earned for graduate courses taken as an undergraduate applied towards a graduate degree at Morgan. Or, with the prior written permission of the Department Chairperson in which their major is located, seniors may elect to have the credit earned for graduate courses applied towards a baccalaureate degree at Morgan. The credit earned, however, may be applied to satisfy degree requirements only once; either to complete requirements for the bachelor's degree, or to complete graduate degree requirements. In order to be officially registered in a graduate course, undergraduates must: complete an application to take graduate courses prior to enrolling in the graduate course; have the application form signed by the Chairperson (or the Chairperson's designee) of the department in which the graduate course is taught; have the application signed by the Dean of the School of Graduate Studies; complete a Drop/Add form with the graduate course(s) in which the student seeks enrollment and file the form with the Dean of the School of Graduate Studies; and, be registered for the graduate course(s) by the School of Graduate Studies. This policy applies to qualified seniors interested in enrolling in graduate courses. Undergraduates who may be admitted to accelerated bachelor's to master's degree programs should consult their program requirements on registering for and the application of graduate courses to degree requirements.

THE GENERAL EDUCATION PROGRAM

Morgan's General Education program is a broad network of courses, tests and extra-curricular experiences aimed at ensuring a common core of liberal arts knowledge, skills and collegiate experiences for all Morgan students. The courses which are part of the General Education Requirements have four broad goals, which are based on the principle that General Education is one of the most significant components of undergraduate education.

Morgan State University's framework for General Education Program (GEP) is designed to enhance and integrate the general education program as the foundation of a liberal education. The general education program was conceived in response to current demands to develop, educate and graduate young scholars and potential professionals who can succeed in a diverse, technological, competitive, global and interdependent society. The GEP will contribute to the development of college-educated individuals, who are engaged and informed citizens, and who are sensitive to the cultural and economic contexts, in which they are surrounded.

The Morgan GEP connects and integrates the academic units of the University with the units committed to other aspects of student life. The program also seeks to engage industry professionals, alumni, community residents and officials in the development of a comprehensive and world-class general education program. The Morgan GEP is aligned with the 1) mission, vision, and strategic goals of Morgan State University (MSU); 2) standards of the Maryland Higher Education Commission (MHEC); 3) vision for college-level learning and intellectual framework of the Association of America Colleges and Universities (AAC&U); and supports Common Core State Standards (CCSS) designed to address P-24 initiatives on college and career readiness.

General Education
GOALS of the General Education Program (GEP)

The goals of the General Education Program are strengthened by the consistency with the University's Strategic Goals. Specifically, the goals of the general education are as follows:

Goal 1: Enhance Student Success to create an educational environment that enhances student success on liberal education outcomes by hiring and retaining well qualified, experienced, and dedicated faculty and staff, offering challenging, internationally relevant academic curricula, and welcoming and supporting a diverse and inclusive campus community.

Goal 2: Establish a culture of inquiry, evidence, and accountability that will examine and implement liberal education processes (inputs, process, and outputs); and document progress and achievements. The inquiry process is an integral component of the general education program. Faculty and staff encourage the inquiry process and use quantitative and qualitative data to guide reflections and to inform student, course and program improvement and adjustment decisions.

Goal 3: Grow resources and professional development that will expand the University's human capital as well as its financial resources by investing in the professional development of faculty, staff, and students, seeking greater financial support to develop and sustain a world-class liberal education program.

Goal 4: Engage and integrate the university community with that of the greater local and regional community in dialog about the quality of liberal education outcomes that are essential for all students; and on how liberal education can be used to improve and support community initiatives.
Students who successfully complete the program will have the following competencies:

Written and oral communications
Scientific and quantitative reasoning
Critical analysis and reasoning
Technology
Information literacy

GENERAL EDUCATION PROGRAM (GEP) REQUIREMENTS

	DISTRIBUTION AREAS		CREDITS REQUIRED	GUIDELINES
I.	**Information, Technological and Media Literacy — (IM)**		**3-Credits**	***Students must complete one of the options in the IM distribution area.***
	A. INSS 141: Introduction to Computer-Based Information Systems (IM)	3-Credits		
	B. COSC 110: Introduction to Computing (IM)	3-Credits		
	C. Computer literacy course required by the major/discipline (IM)	3-Credits		
II.	**English Composition — (EC)**		**6-Credits**	***Students must select two courses from the EC distribution area: one from Part A and the other from Part B.*** ***ENGL 101 is a pre-requisite for ENGL102; ENGL 111 is a pre-requisite for ENGL112.***
	PART A			
	A. ENGL 101: Freshman Composition I (EC)	3-Credits		
	B. ENGL 111: Freshman Composition I Honors (EC)	3-Credits		
	PART B			
	C. ENGL 102: Freshman Composition II (EC)	3-Credits		
	D. ENGL 112: Freshman Composition II Honors (EC)	3-Credits		
III.	**Critical Thinking — (CT) Three Credits**		**3-Credits**	***Students must complete one of the options in the CT distribution area.***
	A. PHIL 109: Introduction to Logic (CT)	3-Credits		
	B. PHIL 119: Introduction to Logic Honors (CT)	3-Credits		

IV.	**Mathematics and Quantitative Reasoning — (MQ)** ***Must be MATH 109 or Above***		**3-Credits**	***Students should select the appropriate course after receiving advisement based on their placement test scores and selected major.***
	MATH 109: Mathematics for Liberal Arts (MQ)	4-Credits		
	MATH 110: Algebra, Functions, and Analytic Geometry (MQ)	3-Credits		
	MATH 113: Introduction to Mathematics Analysis I (MQ)	4-Credits		
	MQ course required by the major/discipline (MQ)	3 or 4-Credits		
V.	**Arts and Humanities — (AH)**		**6-Credits**	***Students must select two courses from different disciplines in the AH distribution area.***
	A. HUMA 201: Introduction to Humanities I (AH)	3-Credits		
	B. HUMA 211: Introduction to Humanities I Honors (AH)	3-Credits		
	C. HUMA 202: Introduction to Humanities II (AH)	3-Credits		
	D. HUMA 212: Introduction to Humanities II Honors (AH)	3-Credits		
	E. HUMA 301: Contemporary Humanities (AH)	3-Credits		
	E. ART 308: The Visual Arts (AH)	3-Credits		
	F. MUSC 391: The World of Music (AH)	3-Credits		
	G. MISC 302: Introduction to Military Training (AH)	3-Credits		
	H. COMM 203: Media Literacy in a Diverse World (AH)	3-Credits		
	I. THEA 312: Black Drama (AH)	3-Credits		
	J. Foreign Language 102 or higher (AH)	3-Credits		
	K. PHEC 300: Selected Roots of Afro-American Dance (AH)	3-Credits		
	L. PHIL 220: Ethics and Values (AH)	3-Credits		
	M. RELG 305: Introduction to World Religions (AH)	3-Credits		

VI.	**Biological and Physical Sciences — (BP)**		**7-Credits**	***Students must select two courses from the BP distribution area. At least one course must be lab-based.***
	LAB-Based (Lecture and Lab)			
	BIOL 101: Introductory Biology I (BP)	4-Credits		
	BIOL 102: Introductory Biology II (BP)	4-Credits		
	BIOL 105: Introductory Biology for Majors I (BP)	4-Credits		
	BIOL 111: Introductory Biology I–Honors (BP)	4-Credits		
	BIOL 112: Introductory Biology II–Honors (BP)	4-Credits		
	CHEM 101 + CHEM101L: General Chemistry I + Lab (BP)	4-Credits		
	CHEM 105 + CHEM105L: Principles of General Chemistry I + Lab (BP)	4-Credits		
	CHEM 110 + CHEM 110L: General Chemistry for Engineering + Lab (BP)	4-Credits		
	CHEM 111 + CHEM 111L: General Chemistry—Honors + Lab (BP)	4-Credits		
	CHEM 112 + CHEM 112L: General Chemistry & Qualitative Analysis—Honors + Lab (BP)	4-Credits		
	EASC 205: Introduction to Earth Science (BP)	4-Credits		
	PHYS 101: Introduction to Physics (BP)	4-Credits		
	PHYS 111: Introduction to Physics—Honors (BP)	4-Credits		
	PHYS 203 + PHYS 203L: GEN PHYS: Fund of Physics I + Lab (BP)	4-Credits		
	PHYS 205 + PHYS 205L: University Physics + Lab (BP)	5-Credits		
	PHYS 206 + PHYS 206L: University Physics II + Lab II (BP)	5-Credits		
	NON-LAB-BASED (Lecture only)			
	PHYS 105: Energy, Transportation, and Pollution I (BP)	3-Credits		
	PHYS 310: Astronomy and Space Science (BP)	3-Credits		
	PHYS 311: Acoustics and You (BP)	3-Credits		
	PHYS 408: Introduction to Quantum Physics (BP)	3-Credits		
	TRSS 301: Introduction to Transportation Systems (BP)	3-Credits		
	EASC 101: Stellar Astronomy (BP)	3-Credits		
	EASC 102: Meteorology (BP)	3-Credits		

EASC 201: Physical Geology (BP)	3-Credits		
EASC 202: Historical Geology (BP)	3-Credits		
EASC 203: Mineralogy (BP)	3-Credits		
EASC 301: Planetary Science (BP)	3-Credits		
GEOG 101: Introduction to Geography (BP)	3-Credits		
GEOG 104: Introduction to Physical Geography (BP)	3-Credits		
GEOG 105: Introduction to Weather and Climate (BP)	3-Credits		
Social and Behavioral Sciences – (SB)		**6-Credits**	***Students must select two courses from different disciplines in the SB distribution area.***
HIST 101: World History I (SB)	3-Credits		
HIST 102: World History II (SB)	3-Credits		
HIST 111: World History I – Honors (SB)	3-Credits		
HIST 112: World History II – Honors (SB)	3-Credits		
HIST 105: History of the United States I (SB)	3-Credits		
HIST 106: History of the United States II (SB)	3-Credits		
HIST 115: History of the United States I – Honors (SB)	3-Credits		
HIST 116: History of the United States II – Honors (SB)	3-Credits		
ECON 211: Principles of Economics (SB)	3-Credits		
ECON 212: Principles of Economics II (SB)	3-Credits		
MHTC 103: Introduction to Group Dynamics (SB)	3-Credits		
MISC 301: Introduction to Team and Small Unit Operations (SB)	3-Credits		
POSC 201: American Government (SB)	3-Credits		
POSC 206: Black Politics in America (SB)	3-Credits		
PSYC 101: General Psychology (SB)	3-Credits		
PSYC 111: General Psychology – Honors (SB)	3-Credits		
SOCI 101: Introduction to Sociology (SB)	3-Credits		

	SOCI 110: Introduction to Anthropology (SB)	3-Credits		
	SOSC 101: Introduction to the Social Sciences (SB)	3-Credits		
VIII.	**Health and Healthful Living — (HH)**		**3-Credits**	***Students must complete one of the options in the HH distribution area.***
	HEED 103: Health Science: Human and Social Determinants (HH)	3-Credits		
	HEED 203: Personal and Community Health (HH)	3-Credits		
	NUSC 160: Introduction to Nutrition (HH)	3-Credits		
IX.	**Contemporary and Global Issues, Ideas and Values — (CI)**		**3-Credits**	***Students must complete one of the options in the CI distribution area.***
	HIST 350: Introduction to the African Diaspora (CI)	3-Credits		
	HIST 360: Introduction to the African Diasporas–Honors (CI)	3-Credits		
	Total	**40-Credits**		

Note: In all instances, students should consult the academic catalog online or the detail class information in Websis for information on course pre-requisites.

GRADUATION REGUIRMENTS

I.COMPLETION OF 40 NEEDED GENERAL EDUCATION PROGRAM

II. UNIVERSITY REQUIREMENTS

A. One Physical Education (PHEC) activity course 1 Credit

(Students completing MISC 200 will have met the requirement with that course)

B. Freshman Orientation: Students select the orientation offered by the College or School in which their major is located: 1 credit

ORLA 101: Freshman Orientation for Liberal Arts Majors and Undeclared Majors (1 credit)

OR

ORBM 102: Freshman Orientation for Business and Management Majors (1 credit)

OR

ORED 103: Freshman Orientation for Education and Urban Studies Majors (1credit)

OR

OREN 104: Introduction to Engineering(1credit)

OR

ORNS 106: Freshman Orientation

For Computer, Mathematics and Natural Science Majors (1 credit)

OR

ORAP 107: Freshman Orientation for Architecture and Construction Management Majors (1 credit)

OR

ORCH 109: Freshman Orientation for Community Health and Policy Majors (1 credit)

OR

ORSW 101: Orientation for Social Work Majors (1 credits)

OR

ORSJ 101: Orientation for the School of Global Journalism and Communication Majors (1 credit)

HONR 101: Honors Freshman Colloquium for Liberal Arts Majors (1 credit)

OR

HONR 106: Freshman Honors Colloquium (2credits)

***Freshman orientation is not required for transfer students who transfer a minimum of 24 credits when admitted to the University.**

III. DEVELOPMENTAL COURSES (Not Applicable for Graduation) Two to five credits may be required by a freshman's placement test scores. Students who are required to take developmental courses must pass each one with a grade of "C" or better.

MATH 106 Fundamentals of Math 3 credits
DVRD 101 Developmental Reading 2 credits

IV.MAJOR REQUIREMENTS

A. In addition to the General Education Requirements, a candidate must complete a major field of study. The required courses for each major offered are determined by the department. The major field of study includes all courses pursued in that field, including all required supporting courses.

B. In the major area, including all supporting courses, the number of quality points earned must equal no less than twice the number of semester hours pursued. No grades under "C" are acceptable in the major, including grades received in supporting courses, unless otherwise specified by the college/school or department.

V. SCHOOL REQUIREMENTS

Students should consult individual colleges/schools for specific requirements.

VI.FREE ELECTIVES

Students should consult individual colleges/schools for specific requirements.

VII. WRITING PROFICIENCY EXAMINATION

Students must satisfy the writing proficiency examination requirements in order to qualify for graduation. They may satisfy the requirement by passing the Writing Proficiency Examination or by earning a grade of "C" or higher in intermediate or advanced English composition courses. Accordingly, they may meet this requirement in the following ways:

Writing Proficiency Examination (0 credits)

OR

ENGL 352: Intermediate Composition (3 credits)

OR

ENGL 354: Advanced Composition (3 credits)

Students who fail the Writing Proficiency Examination should register for the following course, the passing of which with a grade of "C" or higher also meets the Writing Proficiency Examination requirement:

ENGL 350: Writing Practicum (3 credits) Students should satisfy this requirement by the end of their junior year.

VIII. SPEECH PROFICIENCY EXAMINATION

Students must satisfy the Speech Proficiency Examination requirement in order to qualify for graduation. They may satisfy the requirement by passing the Speech Proficiency Examination or by earning a grade of "C" or higher in SPCH 101. Accordingly, they may meet this requirement in the following ways:

I. Speech Proficiency Examination

(0 credits)

OR

II. SPCH 101: Principles of Speech Communication (3 credits)

Students should satisfy this requirement by the end of their sophomore year.

IX. ADDITIONAL REQUIREMENTS

30-HOURS RULE:

All recipients of the baccalaureate degree from the University must earn the final 30 credits at Morgan. The Dean must give prior written approval to students for a waiver of the 30-hour rule and permission to pursue course requirements for graduation at other institutions. Transcripts of such credits must be submitted to the Office of Records and Registration prior to degree clearance. In addition, two-thirds of the major requirements at the 300-level and 400-level must be completed at Morgan. Exceptions may be made by the department with the approval of the Dean.

B.GRADUATION/DIPLOMA POLICY:

In order to be eligible for graduation, students are expected to know and satisfy all relevant degree requirements published in the Morgan State University Catalog, including General Education requirements, college/school requirements, and requirements in their major. While they are expected to receive guidance in course selections and assistance in familiarizing themselves with the University's academic Policies from faculty advisors, chairpersons, and deans, students shall be held responsible for earning their degrees. Students' failure to satisfy all relevant degree requirements is not a basis for exceptions to the University's academic requirements and/or policies. Students who satisfy all degree requirements and who file a timely formal Application for Graduation (Application) with the Dean of the college/ school in which their major is located may receive diplo- mas at the close of either the Spring or Fall semester. Students who wish to participate in May commencement exercises must file an Application by October 1 of the year prior to graduation. Students who wish to receive their diploma in December must file an Application by May 30 of the year of graduation. Applications for Graduation are available in the office of the college/school in which their major is located. The deadlines to apply for graduation are published in the University Calendar.

C. SPEECH PROFICIENCY, WRITING PROFICIENCY, AND SENIOR-LEVEL COMPREHENSIVE EXAMINATIONS:

All students, including transfer students, are required

to pass the Speech Proficiency, Writing Proficiency, and Senior-Level Comprehensive Departmental Examinations to be eligible for graduation. The Speech Proficiency Examination should be completed by the end of the student's sophomore year. The Writing Proficiency Examination should be attempted during the semester immediately following the successful completion of ENGL 101--102. The Senior-Level Comprehensive Examination is a comprehensive examination in the major field of study pursued. The student must arrange with the departmental chairperson to take this examination during the academic year in which all other requirements for graduation are completed.

D.GRADUATION EXERCISES:

Candidates who are eligible and intend to participate in Commencement are required to attend all exercises for graduation, including, but not limited to, rehearsal, school meetings, and financial aid exit interviews Details may be found on the University's official Commencement web page.

E. COMMENCEMENT PARTICIPATION:

It is the policy of Morgan State University that only candidates who have applied for graduation by the published deadline and who have completed all academic requirements for graduation and who have satisfied all financial obligations to the University may participate in the Commencement Ceremonies.

Academic Requirements. Academic requirements include, but are not necessarily limited to, the successful completion of freshman orientation courses, general education requirements, core courses and required electives in the major, and, projects and designs for professional programs. Academic requirements also include, but are not necessarily limited to, passing scores on writing proficiency and speech proficiency requirements, senior exit exams, and Praxis exams I and II.

Financial Obligations. Financial obligations that must be settled prior to the deadline established by the Bursar in the semester in which the student expects to graduate include, but are not necessarily limited to, the current graduation fee, tuition, fees, and outstanding fines such as parking fines, library fines, and fines assessed by the Office of Residence Life.

DOUBLE MAJOR AND DUAL DEGREE POLICY

Double Major

A double major is a program of study that meets the requirements of two distinct majors in a single School or College of the University. The program of study consists of the courses required to meet the degree requirements for each of the two majors, inclusive of general education, departmental, school, and university requirements. Subject to the specific requirements for the two majors, students may apply the same coursework towards the fulfillment of requirements for both majors. Students who complete the requirements for a double major receive a single diploma.

The student's program of study for the double major should be developed in consultation with the appropriate personnel of the two programs and approved by the chairpersons of both programs. In the approval process, careful planning is needed to ensure that the student can complete all the requirements for both majors in a timely fashion.

1.Students must complete the *Undergraduate Double Major Authorization Form*, which is available from the Registrar's Office, and submit the completed form to the Registrar's Office with the approval and signatures of both department chairpersons. One of the majors must be designated as the primary program of study on the form.

2.A detailed degree plan, which clearly shows how the coursework and credit hour requirements for each program will be met, must accompany the Authorization Form.

Dual Degree

A dual degree program is one in which the student satisfies the academic requirements for majors in two different Schools or Colleges of the University. The program of study consists of the courses required to meet the degree requirements for each of the two majors, inclusive of general education, departmental, school, and university requirements. Subject to the specific requirements for the two degrees, students may apply the same coursework towards the fulfillment of the requirements for both degrees. Students who successfully complete a dual

degree program receive two diplomas, one for each degree earned.

The student's program of study for the dual degree should be developed in consultation with the appropriate personnel of the programs and approved by the chairpersons of both programs. In the approval process, careful planning is needed to ensure that the student can complete all the requirements for both degrees in a timely fashion. Students should consult with their financial aid counselor before deciding to attempt a program leading to a dual degree, to carefully assess the impact of such a decision on one's eligibility for financial aid. Because dual degree programs invariably require substantial additional coursework beyond that for either degree, students may need to enroll in extra terms as an undergraduate to complete the additional coursework needed to earn both degrees.

1.Students must complete the *Undergraduate Dual Degree Authorization Form*, which is available from the Registrar's Office, and submit the completed form to the Registrar's Office with the approval and signatures of both department chairpersons.

2.A detailed degree plan, which clearly shows how the coursework and credit hour requirements for each program will be met, must accompany the Authorization Form.

3.At the appropriate time, in advance of degree certification and graduation, the student must submit a Graduation Application for each of the two degree programs. The student should indicate on each form that he/she is also a candidate for a different degree in another program, and list that degree explicitly.

GRADUATION WITH HONORS**

In order to be considered for honors, a candidate must have completed all requirements for the degree within a five-year period of residency or enrollment in post-secondary education, excluding college cred- its pursued while completing requirements for the high school diploma or its equivalence; must have earned a minimum of sixty (60) semester credits at Morgan; and must have earned no grade below "C."

Honor averages are:

Summa Cum Laude-(With Highest Honor) 3.80-4.00
Magna Cum Laude-(With High Honor) 3.60-3.79
Cum Laude-(With Honor) 3.40-3.59
Candidates for graduation who have successfully pursued the University Honors Program will have the designation "Honors Work" beside their names on the commencement program.

POLICY FOR STUDENTS PURSUING A SECOND BACHELOR'S DEGREE

1. Students pursuing a second bachelor's degree

at Morgan State University (the "University") must satisfy all current General Education course and credit (i.e., 40 credits) requirements. A General Education course is considered met if the other accredited institution's general education course is equivalent to (or greater than) the University's course in content and in credit hours.

2. All course requirements for the major including required support courses in other departments must be met while the student is enrolled and is matriculating at the University.

3. A student who has earned a bachelor's degree from another accredited college or University may apply a maximum of 90 credits towards a second bachelor's degree from the University.

4. Students pursuing a second bachelor's degree at the University will not be awarded credit towards the second major for courses they were required to complete for their first major. Credit for supporting courses completed in departments other than the first major may be transferred to the University as part of the maximum number (i.e., 90) of transferrable credits.

5. Students pursuing a second degree at the University must pass the University's Writing Proficiency and Speech Proficiency examinations. Candidates for the second degree must also pass the comprehensive Senior-Level Examination in the major field of study pursued.

6. In addition to satisfying the current General Education requirements and passing the Writing Proficiency, the Speech Proficiency, and the Senior-Level Comprehensive Examinations, students pursuing a second degree at the University must satisfy all internal graduation requirements of the college or school in which their major is located. Students are encouraged to meet with the Chairperson of the second degree area prior to admission to obtain a full and clear understanding of the second degree policy. Departmental Chairpersons, Program Directors, and Faculty Advisors are encouraged to meet regularly with students pursuing a second bachelor's degree at the University in order to ensure that

candidates for a second degree remain thoroughly familiar with all graduation requirements.

COOPERATIVE AND/OR PRE- PROFESSIONAL PROGRAMS

There are several cooperative and/or pre- professional programs presently operative on the Morgan State University campus. These programs encourage a variety of unique educational opportunities to meet the needs of the Morgan student beyond what the campus boundaries provide. Each of these programs has distinct characteristics which are designed to enrich collegiate experiences and promote intellectual growth. Of particular interest is the Baltimore Student Exchange Program involving fifteen local institutions. Visit www.baltimorecollegetown.org or contact the Office of Records and Registration for more details. The programs of study at Morgan State University are sufficiently flexible to provide preparation for the numerous occupations that require an undergraduate foundation: medicine, dentistry, pharmacy, engineering and law. Students interested in any of the above areas should major in the specific discipline in which these programs are offered or closely related in regard to health careers.

THE 3/4 PRE-DENTISTRY AND PRE-MEDICAL PROGRAMS

Morgan State University has a formal agreement with the Schools of Dentistry and Medicine at the University of m aryland and Boston University School of Medicine. The 3/4 option establishes a dual degree program for high school graduates (or equivalent) who will attend Morgan State University for ap- proximately three academic years and then attend the University of Maryland at Baltimore Dental School or Medical School for four academic years or Boston University School of Medicine. After successfully completing all academic requirements at Morgan State University and the first year at the said Dental or Medical Schools, the student will be awarded a bachelor's degree from Morgan State University. Pre-dental and Pre-medical students should select biology or chemistry as a major and consult the respective departmental advisor in selecting courses in preparation for dentistry and medicine. After completing all requirements for graduation at the University of Maryland or Boston University, the student will be awarded the Doctor of Dental Surgery (D.D.S.) degree or the Doctor of Medicine degree at Boston University

RE-PROFESSIONAL PHYSICAL THERAPY PROGRAM

Students planning to pursue a career in physical therapy should follow the pre-physical therapy curriculum. Students can major in any discipline and may prepare for a program in physical therapy by incorporating the required pre- requisites into their "major" curriculum requirements or major in physical education (Pre-Professional Physical Therapy track).

Most professional physical therapy programs now require a bachelor's degree prior to entry. Students should complete all prerequisite courses and major requirements before applying to a professional physical therapy program upon earning their Bachelor's Degree. Students may apply to masters or doctoral physical therapy programs. Most masters programs are 2-3 years; while doctoral programs are 3-4 years. Pre- requisites vary depending upon the institution. It is recommended that students contact professional programs directly for their most current requirements. The following Morgan State University courses constitute the minimum prerequisites required for University of Mary- land and by most schools. REQUIREMENTS: BIOL 101-BIOL 102 **OR** BIOL 105-BIOL 106; BIOL 201-BIOL 202; CHEM 101- CHEM 102 **OR** CHEM 105-CHEM 106; CHEM 203-CHEM 204; PHYS 203-PHYS 204; MATH 113-MATH 114 **OR** MATH141; MATH 205; PSYC 102; PSYC 210; PHIL221; SPCH 101; PHEC 411 **OR** PHEC 412; ENGL101-ENGL102; HUMA 201-HUMA 202

Morgan State University students are advised to meet with their faculty advisor prior to registering in order to fulfill general education and core requirements for their major.

PRE-LAW PROGRAMS

The Pre-Law Program is an interdisciplinary program that is offered in the College of Liberal Arts, through the collaboration of the Departments of English and Language Arts, History and Geography, Philosophy and Religious Studies, Political Science, and Sociology and Anthropology. Students interested in pursuing careers in law may major in English, History, Philosophy, Political Science, or Sociology. They pursue a core of courses that give them a solid foundation in the major and, then, an interdisciplinary core of courses in the Pre-Law Track that focus on sharpening their skills in:

effective oral and written communication; critical textual analysis; critical thinking; argumentation and rhetoric; and the social and governmental institutions, traditions and values that shape the legal system.

Students may also pursue a minor in Pre-Law in the Department of Political Science and the Department of Sociology and Anthropology. Other departments in the various Schools also provide an excellent preparation for law school. Thus, students may elect to apply for law school regardless of their undergraduate major or without a minor in pre-law.

THE UNIVERSITY HONORS PROGRAM

MISSION

The mission of the Morgan State University Honors Program is to promote excellence in academic, personal, cultural, and professional endeavors among students having a demonstrated record of scholarly accomplishments, high motivation, and a desire to achieve at the highest levels. By developing and facilitating activities that create and maintain a superlative learning environment, the University Honors Program seeks to significantly increase the number of highly-trained students pursuing post-graduate education. We accomplish our mission by:

offering academic scholarships to prospective candidates in high schools, community colleges, and within the University;
coordinating with the University deans to encourage the continual enhancement of the academic curricula in the major fields of study and the development and maintenance of a rigorous liberal arts curriculum consisting of accelerated and intensified math, science, and humanities courses that are especially suited for high-ability students; advising four University-wide honor societies that provide opportunities for student-scholars to participate in community service based extracurricular activities; collecting and distributing information regarding elite educational and employment opportunities.

The curriculum-based Program serves a diverse student population from Baltimore City, the many counties of Maryland, and the remaining United States and American protectorates. International students also participate in the Program.

Honors students complete rigorous and comprehensive curricula in both the liberal arts and their major fields of study to obtain theoretical and practical knowledge and skills applicable to post-baccalaureate pursuits in academia and industry. The Honors General Education curriculum consists of accelerated and intensified courses.

ACADEMIC AFFAIRS RESOURCES and OPPORTUNITIES

The University allocates significant financial resources to scholarships and grants that are awarded to students based on their achievements in academic, co-curricular and extracurricular activities, leadership potential, and service to the University and/or community. These scholarships are meant to help reduce the financial burden associated with funding a college education. Information regarding particular scholarships and grants, including specific requirements for their maintenance, can be found on the University Honors Program page on the Morgan State University website, in the *University Honors Program Student Handbook*, and in various printed materials available in the University Honors Program office.

The University Honors Program encourages students to pursue supplemental learning opportunities such as internships, work-study, service learning, and cooperative experiences sponsored by academic, business, industrial, and government agencies. In some cases, students may be granted academic credit for their work experiences. Students are also afforded other special opportunities for academic, cultural, and professional development.

PROGRAM PARTICIPANTS

Honors students are integral members of the University community. They are often leaders in University, college/school, and/or departmental organizations and activities.

As a result of the emphasis on a liberal arts education, the rigor of the major academic curricula, and the special opportunities granted to students, Morgan State University has the distinction of being among the top four universities in the country producing African-American undergraduates who eventually earn doctorates and other terminal degrees.

ADMISSION TO THE UNIVERSITY HONORS PROGRAM

Incoming First-Time Freshmen

In the Spring Semester of each academic year, the Morgan State University Office of Admission and Recruitment apprises the University Honors Program of newly-admitted students with exceptionally high academic credentials. The Honors Program will then contact via letter students to whom it will offer a scholarship.

Transfer Students

The University Honors Program also awards an Honors scholarship to high-achieving students transferring from community colleges in the State of Maryland, and to students transferring from institutions with which Morgan State University has an approved articulation agreement. For specific information please refer to the University Honors Program page on the Morgan State University website, in the *University Honors Program Student Handbook*, and in various printed materials available in the University Honors Program office.

Current Students

In the Spring Semester of each academic year, currently-enrolled, full-time students who entered the University and did not receive an Honors scholarship at the time of their matriculation also have an opportunity to apply for admission into the University Honors Program. These students can qualify for an Honors scholarship by taking a minimum of thirty (30) non-developmental credit hours, earning Honors-level passing grades in these courses, and maintaining a minimum 3.00 grade point average. The application for admission to the University Honors Program will be made available online at www.morgan.edu/honorsprogram beginning on the first of January of each academic year the application deadlines March 31st of each academic year. There are a limited number of continuing students admitted into the program and the selection process is rigorous and highly competitive.

Please note that continuing students cannot apply for admission to the University Honors Program after having completed 56 credits.

HONORS SCHOLARSHIP CATEGORIES

First-time Freshman Scholarships

The Martin D. Jenkins Scholarship

Provides for full tuition and fees, room and board

$1000 a year for books

H.S. GPA of 3.50 or higher

SAT score 1300 or higher/ACT score of 27 or higher for Maryland residents (1400 SAT/29 ACT for non-residents)

The Frederick Douglass Scholarship

Provides for full tuition and fees

$500 a year for books

H.S. GPA of 3.30-3.49

SAT score 1200 or higher/ACT score of 24 or higher for Maryland residents (1300 SAT/27 ACT for non-residents)

The Harriet Tubman Honors Associate Award

Provides $2500 a semester for tuition and fees

H.S. GPA of 3.00-3.29

SAT score 1000 or higher/ACT score of 22 or higher for Maryland residents (1100 SAT/24 ACT for non-residents)

Associates who achieve a 3.30 cumulative GPA at the end of the first year can apply to become Douglas Scholars for the next academic year.

First-Time Freshman scholarships are automatically renewed for up to eight (8) semesters when recipient maintains the required

GPA. Qualifications listed for each category are the **minimum** required. Meeting these minimum qualifications does not guarantee admissions into the Honors Program.

Honors Program scholarships are a part of the student's total financial aid package. Therefore, the actual amount of funding received may vary from the initial amount awarded.

Institutional Transfer Scholarships

Student should have been admitted to Morgan State University by the May 1 "priority scholarship consideration date" in order to qualify for an academic scholarship.

Community College Transfer Scholarships

Student should have been admitted to Morgan State University by the April 1 "priority scholarship consideration date" in order to qualify for an academic scholarship. Student must apply directly from a Maryland community college and have at least 50% of her/his earned credits from a community college.

The Clayton Stansbury Scholarship
For students who have earned either an A.A. or A.S. degree
Entry GPA of 3.50
Provides $1500 per semester for tuition and fees, renewable for up to 2.5 years
Transfer of up to 60 credits
Must maintain cumulative GPA of 3.30

Transfer Scholarships are automatically renewed and available for up to five (5) semesters when recipient maintains the required GPA.

Honors Program scholarships are a part of the student's total financial aid package. Therefore, the actual amount of funding received may vary from the initial amount awarded.

THE HONORS CURRICULUM

General Education Requirements

Bachelor's degree programs at Morgan State University are structured for completion in four years (eight sequential semesters) and generally require 120 credit hours. All Morgan students receive a comprehensive liberal arts education. Students will undertake intensive study in the General Education and major requirements, attend special seminars, and qualify for admission into the

Honors Program.

HONOR SOCIETIES

Alpha Lambda Delta National Academic Honor Society for Freshmen

Founded in 1924, Alpha Lambda Delta (ALD) is a national academic honor society for freshmen. ALD's mission is to "encourage superior academic achievement, to promote intelligent living and a continued high standard of learning, and to assist students in recognizing

and developing meaningful goals for their unique roles in society."

In order to be eligible for membership in ALD, students must have earned a GPA of 3.50 grade point average **or** be in the top 20% of their class during their first semester at Morgan and have been enrolled on a full-time basis while pursuing a Bachelor's degree.

Freshman transfer students from an institution without an ALD chapter must have earned the required ALD grade point average in courses taken during their first semester at Morgan. In addition, the average of the grades from the student's transfer credits, combined with the grades earned from courses taken at Morgan, must equal the ALD academic GPA requirement.

Phi Eta Sigma Freshman Scholastic Honor Society

Phi Eta Sigma (PES) was established on March 22, 1923 and is the oldest and largest freshman honor society in the nation. PES's goal is to encourage and reward academic excellence among freshmen in institutions of higher learning. At Morgan, the PES mission is to "promote academic excellence, enhance student life, and support the community at large."

Dedicated to service and leadership, Morgan's PES chapter activities include an annual New Member's Luncheon, annual participation in the Homecoming Decorate-a-Building Contest, and the Give-a-Gift Drive for the Agape House in Baltimore.

Students invited for induction into PES must be full-time students with a minimum cumulative grade point average of 3.5 and rank in the upper 20% of their class.

Grant-Brett Promethean Kappa Tau

The Promethean Kappa Tau Freshman Honor Society was founded at Morgan State University (then Morgan State College) in 1957 by the late Dr. George C. Grant, who served as Dean of the College. The Society was named by Dr. Sandye J. McIntyre, late Distinguished Professor of Foreign Languages. Dr. Ruth Brett Quarles, late Director of the Counseling Center, served as the advisor to the Society during its first twenty-three years of existence.

In recognition of the outstanding service and contributions of Dean Grant and Dr. Brett, Dr. Clayton Stansbury, emeritus Director of the University Honors Program, renamed the Society to include the names of Dean Grant and Dr. Brett: the Grant-Brett Promethean Kappa Tau Freshman Honor Society. However, it is better known to its members as PKT.

The purpose of PKT is to motivate new freshmen of above average ability to become scholars and to develop personal habits and qualities that will enable them to promote a campus climate that nourishes academic life at Morgan.

In order to be eligible for membership in PKT, students must have 1) earned at least 15 computable semester hours with a semester GPA of at least 3.40 or 2) earned between 12 and 14 computable semester hours with a semester GPA of at least 3.50.

Golden Key International Honour Society

The Golden Key International Honour Society (GK) is an internationally recognized, non-profit organization with over 375 chapters throughout the United States and across the globe. As the world's leading and most active collegiate honor society, Golden Key distinguishes and rewards students by providing a lifetime of benefits through membership.

Each year nearly $600,000 is awarded in scholarships to GK members. In addition, GK offers career assistance through its Corporate Partners, leadership development and community service opportunities, and a chance to network with nearly 2 million members from over 190 countries.

Students qualify for membership if they are ranked in the top 15% of the combined junior and senior classes at Morgan, have earned at least 25 credits at Morgan, and have a cumulative GPA of at least 3.40 while having NEVER earned more than two (2) grades less than "C".

National Society of Collegiate Scholars

The National Society of Collegiate Scholars (NSCS) is a national nonprofit academic honor society founded in 1994 by Steve Loflin. It recognizes high student achievement and has chapters at over 300 institutions across the US, Puerto Rico, and the District of Columbia with nearly one million lifetime members who are deeply committed to scholarship, leadership, and community service. NSCS provides career and graduate school connections, leadership and service opportunities and offers nearly half a million dollars in scholarships annually. Morgan State University founded its Chapter in Spring 2012. Interested students can find information about this society at www.nscs.org.

CENTER FOR ACADEMIC SUCCESS AND ACHIEVEMENT (CASA)

MISSION In its commitment to meeting the needs of a diverse student population, the **Center for Aca- demic Success and Achievement (CASA)** exists primarily to promote and to enhance the academic and personal development of all Morgan State University students through professional academic advisement, peer tutoring, and supplemental instruction programs. The Center also provides specialized academic support programs and resources for first-year students through the **First-Year Experience program,** and to transitioning high school students and their parents, through the **CASA Academy** and the **Parent Advisory Council.**

VISION

The Center for Academic Success and Achievement (CASA) strives to provide a welcoming, engaging, inclusive, and intellectual learning community where students gain knowledge of fundamental study, social, and technological skills necessary for academic success and personal growth at Morgan State University.

CASA SPONSORED PROGRAMS AND SERVICES

Academic Advisement

Academic advising is a strategy for improved student persistence and retention. The Center for Academic Success and Achievement houses a team of professional, academic advisors who serve as a critical link in the retention of students at the university. Professional academic advisors assist students in defining and reaching educational and developmental goals. Specifically, our advisors are assigned to and aid all degree-seeking, undergraduates in the following student populations:

CASA Academy Participants – first and second- year students who have successfully completed the CASA Academy or Pre-College Studies programs.

Exploratory Learners – students who have not yet decided on or declared an academic major

The student must meet with an academic advisor each semester prior to registering for classes. After this advising meeting, the advisor will remove the advisor hold and the student can register for courses on WebSIS. Students are responsible for planning their academic curriculum and education- al path, but academic advisors can offer useful input throughout the student's education to enhance the academic and personal development of the student.

CASA Academy (formerly the Pre-College Program)

CASA Academy is an alternative admissions pro-gram sponsored by the Center for Academic Success and Achievement at Morgan State University. Students who fail to meet the SAT/ ACT requirement for regular admission may be referred to the Center and invited to apply to the summer program. All participants who successfully complete the program are guaranteed admission to the University for the subsequent fall semester.

Students who do not meet the requirements for the CASA Academy Program and are State of Maryland residents will be recommended to enroll in the CONNECT Program and attend a community college (NEXUS). Out of state students are encouraged to enroll in a community college in their state or in the NEXUS Program. Please contact the Transfer Center for more information on this programs at 443-885-3711 or by email at transfercenter@morgan.edu.

The CASA Academy program is designed to ease the transition from high school to college for students whose academic profile and performance suggest the need for early intervention to improve their potential for success in college. Upon acceptance to the Academy, participants must enroll and successfully complete a sequence of three non-credit courses designed to strengthen the student's background in English, mathematics, and reading comprehension/ vocabulary development. The program also introduces students to the expectations and requirements of Morgan State University. This program is offered for a six-week period during the summer.

Students in the CASA Academy must agree to meet the following standards:

Attend all scheduled CASA Academy classes and sponsored activities

Complete all required assignments of CASA Academy courses

Earn a grade of "C" or better in all of the required courses

Participate in all scheduled seminars

Adhere to the University's Code of Student Conduct

Fees

There is currently no cost for students who are residents of the state of Maryland. Non-Maryland residents are charged for meals. For summer 2015, the fee for non-Maryland residents is $570. For both residents and non-residents, fees are determined on an annual basis and are subject to revision.

Chi Alpha Epsilon National Honor Society Epsilon Phi Chapter

Chi Alpha Epsilon (XAE) is a national honor society founded to recognize the academic achievements and accomplishments of students admitted to colleges and universities through alternative admissions criteria. Members must hold a 3.0 cumulative GPA for two consecutive full-time semesters, or 3–4 consecutive part-time semesters. Members participate in an array of academic education and outreach activities on campus and within the surrounding Baltimore community. If you are a former Pre-College or CASA Academy student who meets the criteria above and are interested in becoming an inductee, please contact our office.

CASA Resource Tutoring Center

The CASA Resource Center provides an intellectual learning environment and is open to all Morgan State University students. In the Resource Center, Morgan students can access a wide array of services including personalized study skills management, access to computer printing and academic-related internet research, study space, and one-on-one tutoring.

Tutoring Services

The Center offers a structured, comprehensive peer tutoring program and services for all students attending Morgan State University. The dedicated staff of peer tutors serve as an invaluable resource for students as a supplement to classroom and lab instruction, enabling them to achieve academic success and develop lifelong learning skills. Tutoring sessions are one hour. The Resource/Tutoring Center is located in the Communications Center, Room 120.

Hours

The Center is open from 9:00am – 6:00pm Monday through Thursday, and Friday, 9:00am – 5:00pm.

Appointments

Students should come to the Center to schedule an appointment with a tutor in the appropriate subject. One-on-one tutoring is provided to students. If tutors are available, walk-ins are welcome.

Parent Advisory Council (PAC)

The Parent Advisory Council serves as a venue for parents who want to be involved in their students' lives as they continue their education at Morgan and to network with other parents. The Center for Academic Success and Achievement embraces the energy and talent the se parents bring to our campus as we strive to foster an environment for positive exchange of dialogue and parental engagement in campus events. We encourage parental input to help us continue to provide the highest quality of services possible to our students.

Transitional Workshops

Successful students at Morgan State University are those who learn how to utilize resources, resolve problems, and prepare themselves to take full advantage of their time on campus. The Transitional Workshop Series helps to promote student success by offering brief sem- inars and workshops on common concerns and questions students have during their transition and tenure at Morgan. There are several events each semester.

Updates and Announcements

For announcements and upcoming events, please view our fan page on Facebook **(Morgan State University Center for Academic Success and Achievement CASA)** or contact us at (443) 885-3380.

OFFICE OF STUDENT SUCCESS and RETENTION

dents from matriculation to graduation. The goal of this comprehensive program is to increase student retention rates and persistence to graduation with a focus on academic success and achievement through early intervention and systematic tracking of undergraduate students. Further, the Office of Student Success and Retention works to improve retention and graduation rates by collabor- ating with the Office of Financial Aid to reduce attrition related to students' inability to pay for college and to maintain their funding for college. Listed below are the Campus-Wide Retention Initiatives:

Summer programs for freshmen – ACCESS -Orientation Program

Placement testing – Accuplacer

Student Accessibility Support Services (SASS) – disabilities support services

Collegiate Learning Assessment (CLA)

Academic advisement for first-time freshmen

FAFSA filing campaign

Monitoring and intervention for mid-term grades of "D" or "F"

Monitoring and intervention for final grades of "D" or "F"

Monitoring and intervention for students on academic probation

Reinstatement of students dropped for failure to make satisfactory financial arrangements

Tracking and follow-up with students who are no longer enrolled

Early Alert and Response System

Parents' 411 newsletter

Retention research & student surveys

Peer tutoring

ACCESS ORIENTATION PROGRAM

During the *ACCESS Orientation Program* students and their parents receive financial aid assistance, including FAFSA information, residence life information, placement testing results, academic advisement, and career counseling. Additionally, students participate in activities, workshops, and seminars to include topics such as college transition, conflict resolution, study skills, and test-taking strategies. It is expected that new students and their parents leave the *ACCESS Orientation Program week* with all of the necessary tools and resources required for their Fall or Spring enrollment at the University, as well as for their first year of academic success. The ACCESS Orientation Program pledges to increase access to college for a diverse student population, prepare students for their college matriculation, provide a head start for students on the path to academic success, and increase the retention and graduation rates of all undergraduate students by means of "frontloading" critical resources for first-time, full-time freshmen. Participation in the ACCESS Orientation Program is **mandatory** for all regularly admitted first-time, full-time freshman students. The ACCESS Orientation Program costs $225.00 that is not refundable. Students must have paid the $150 University confirmation fee to the Office of Admissions prior to registering for the Orientation. Maryland residents will be charged a nonrefundable $100 late fee in addition to the nonrefundable program cost of $225 ($325 total) to attend the August ACCESS Orientation Program. The late fee will be waived for international students and out-of-state students. *(ACCESS Orientation Program costs and confirmation fees are subject to change on an annual basis. Please check with the Office of Student Retention at 443-885-3651 for current program fees.)*

PLACEMENT TESTING

All first-time freshmen at Morgan State University are **required** to take a placement examination to determine their course placement. Students are tested in the areas of English, Reading, and Mathematics. Based upon their test results, students will take either Freshman Studies English 101 or Standard College level English 101, either Developmental Mathematics (MATH 106) or Standard College level Math 109 or Math 113 (or the Math required for their major), and students may be required to take Developmental Reading (DVRD 101). An advanced mathematics placement for courses up to Calculus (Math 241) is available for students majoring in the sciences, engineering, and mathematics. Students are required to take courses as indicated by the results of their placement examination. Students must earn grades of "C" or better in all develop-mental courses. Transfer students who have earned at least 24 credit hours or who have earned grades of "C" or better in the courses or course equivalents of Developmental Mathematics (MATH 106) and Freshman Composition I (ENGL 101) are exempt from taking the placement examination.

STUDENT ACCESSIBILITY SUPPORT SERVICES

The Student Accessibility Support Services (SASS) program provides, arranges, and coordinates services for students with learning, emotional, mental, and physical disabilities. The University is committed to providing equal opportunity and access for all students. When a qualified student provides documentation, SASS assists with specific needs by implementing accommodations which are a necessary part of enabling equal access to the institution's programs and facilities. Accommodations may include:

Testing adjustments (e.g., extended time for testing)
Special equipment
In class support (e.g. note takers)
Interpreters' services
Library assistance
Other accommodations as required to remove barriers to academic success

Initially, the SASS office will accept as documentation a summarized Individualized Education Plan (IEP) that is less than two years old. A 504 Plan or statement of disability issued by a licensed professional (physician, psychiatrist, counselor) substantiating disability is also accepted. Additionally, the University offers full assessment/evaluation at a nominal fee through the Counseling Center. Referrals to the Counseling Center will be made via the SASS office. The

SASS Coordinator may be reached by phone at 443-885-3946 or by email at bernice.alston@morgan.edu.

STUDENT PUBLICATIONS

Morgan State University has two major student publications, *The Spokesman* and *The Promethean*. Both publications provide required practicum experiences for students majoring in Journalism and for other non-majors working on the publications. Students working on these publications are required to meet minimum qualifications to serve in editori- al, news-gathering, reporting and management positions and must be enrolled concurrently in appropriate one-credit practicum courses in Journalism.

Offices for both *The Promethean* and *The Spokesman* are located in the Publications Suite of the New Communication Center, and both are administered through the Journalism Program in the Department of Communication Studies in the College of Liberal Arts. Students are directly responsible for the production of the newspaper and yearbook, and they are guided and assisted by Journalism advisers and managers to ensure quality publications.

The Spokesman is the student newspaper. It serves as a medium of student expression and gives students valuable newsroom experience in producing publication. Membership on the staff is open to all students who meet the qualifications, which include some prior or concurrent training in journalism and con- current enrollment in journalism practicum courses. The paper holds membership in the Intercollegiate Press Association and the Associated Collegiate Press.

The Promethean is the University's annual yearbook. It gives student staff members the opportunity to develop their skills in editing, graphics and journalism. Membership on the staff is open to all students who meet the qualifications, which include some prior of concurrent training in journalism and concurrent enrollment in journalism practicum courses; and graduating seniors are encouraged to work on the staff. The publication focuses on the senior class, and it also provides a historic record of the University's graduating class, outlining their so- cial and academic activities and achievements.

Students interested in working on these two publications should contact the Department of Communication Studies or visit the Publications Suite in the Communications Center; and they should enroll in the appropriate practicum course each semester. Student should also contact in- dividual academic departments for information on other publications specific to the disciplines.

CENTER FOR CONTINUING AND PROFESSIONAL STUDIES

MISSION STATEMENT

The Center for Continuing and Professional Studies is committed to serve the lifelong educational needs of traditional and non-traditional students pursuing under- graduate, graduate, professional, and personal growth as- pirations. The Center coordinates a broad variety of educational activities and community services for learners from the culturally diverse population of Baltimore City, the State of Maryland, nationally, and internationally.

In keeping with the mission of the Center for Continuing and Professional Studies and the mission of Morgan State University, the Center has as its primary focus the delivery of services to non-traditional stu- dents. This system of services includes programs that culminate with the acquisition of a baccalaureate degree as well as those programs that are designed to meet personal and career development needs of students. Matriculating students must follow the usual application procedures for admission to the University; successfully complete the general educa- tion requirements of the University, and all other requirements for their chosen major. Generally, the programs housed within the Center meet the specific needs of individuals at any point in their educational development. This affords the opportunity for stu- dents to explore learning experiences in a variety of formats, such as Weekend University, Minimester, Summer School, Independent Study, and Non-cred- it Courses, Workshops, Institutes and Conferences.

WEEKEND UNIVERSITY

The Weekend University is a unique approach to earning a college degree. This program is designed to meet the needs of students who work, have family responsibilities, or, for other reasons, cannot attend classes during the weekdays. Classes are offered Fri- day evenings and Saturdays. The Weekend courses are open to all students, whether full

time or part- time. Tuition waiver students who plan to pursue weekend classes may register on a space available basis. break in January.

WINTER MINIMESTER

The Minimester provides students the opportunity to pursue classes during the three-week winter dur- ing the Minimester. The credits received during the Minimester are equivalent to credits earned during the regular semesters. The Minimester is also open to non-Morgan students. Students may register for no more than *two (2) courses* during the Minimester. The credits received during the Minimester are equi- valent to credits earned during the regular semesters.

SUMMER SCHOOL

The Summer Sessions offer courses in selected fields of study. The credits received during the summer sessions are applied toward the appropriate degree, provided all other requirements are met. The maximum number of credits that may be pursued at Morgan per Summer Session is eight (8). Currently, Morgan offers two Summer Sessions with classes during day and evenings hours to accommodate a variety of schedules. Authorization for schedules in excess of eight credits must be secured from the Dean of the school or college in which a student is enrolled. Non-Mor- gan students must contact the Office of Admission and Recruitment prior to registration for the Sum- mer Sessions. They must present a letter of approval from their home institution for the classes they plan to take and an official transcript which must be submit- ted with the application. Non-Morgan students may pursue eight (8) credits per Summer Session and have their credits transferred to their home institutions.

INDEPENDENT STUDY

Students who petition independent study courses must be juniors with a minimum cumulative grade point average of 2.5 and are allowed to take no more than two (2) courses independently during a semester. If a failing grade is received in any course, that course may not be repeated as independent study. All students pur- suing independent study classes must receive approval from the chairperson and the dean of the requested course. The Independent Study Program process begins in the Center for Continuing and Professional Studies.

ACADEMIC RECOVERY PROGRAM

The Academic Recovery Program (ARP) is an in- novative approach to assist academically suspended students once they have exhausted the appeal process with the Academic Review Committee under the Dean of their major. The purpose of the program is to reinstate students to the university. Students enrolled in ARP are allowed to take a maximum of seven (7) credits through the Center for Continuing and Professional Studies as non-matric- ulating students. These seven credits must be in courses previously pursued in which a grade of "D" or "F" was earned. In addition, ARP students should attend counseling and skill development workshops. These workshops are in conjunction with the Counseling Center and include study skills such as time man- agement, test taking, note taking, motivation and concentration, career development, and decision- making. The courses successfully completed will count toward requirements for graduation as out- lined in the catalog. Due to the non-matriculating status, ARP students are not eligible for any form of federal financial aid, which includes student loans. However, ARP students may contact the Center for information about other resources for financial sup- port. Students who successfully restore the cumu- lative grade point average to 2.0 will be reinstated to the university to matriculating status under the original major chosen prior to academic suspension.

IMPROVED OPPORTUNITIES FOR PAR- ENTS (IOP) PROGRAM

The IOP Program assists Morgan students, es pecially parents, in obtaining the bachelor's degree. The goals of the program are to increase the num- ber of students who have access to a postsecondary education program and to offer a support system that provides non-traditional students with services and resources. Students are mentored throughout the academic year and attend special workshops and evening sessions to meet their individual needs. Workshops include orientation, personal develop- ment, and academic enrichment sessions. This pro- gram also provides career opportunities and facilitates self-sufficiency for the students and their families. To be eligible for the IOP Program, students must meet specific criteria such as being male, a foster care recipient, or unemployed due to downsizing, reorganization, company closure or illness.

DISTANCE EDUCATION

Distance Education is the ability to teach or com- municate with large or small groups of

students dis- persed across a wide geographical area through the use of single or multiple telecommunications services. This emphasis on practical coursework affords students expanded learning experiences beyond the tradition- al classroom setting. A quality educational program provides a unique, caring, and supportive environ- ment. The online program options are designed to meet the global demands in a technological society.

SUMMER PROGRAMS

Morgan State University hosts a variety of summer programs, to include participants from University departments, Baltimore City, and surrounding communities. The University partners with area schools and community based organizations to provide academic enrichment programs and recre- ational activities for adults and children. Program applications are submitted and processed through the Center for Continuing and Professional Studies.

NON-CREDIT PROGRAM

The Center offers the Non-credit Program as a unique approach to educational and career opportunities for personal enrichment, career enhancement, and professional development. The courses are a cre- ative alternative that provide activities to meet the lifelong educational demands of a diverse population.

OSHER SCHOLARSHIP

The Bernard Osher Foundation, based in San Francisco, California, was founded in 1977 by Mr. Bernard Osher, a well respected businessman and community leader. The mission of the Foundation is to "improve the quality of life through the support for higher education and the arts."

The Osher Reentry Scholarship Program provides scholarship support for non-traditional students, ages 25-50, who are returning to a four-year institution after a significant interruption in their education of five years or more to complete their bachelor's degree.

ALPHA SIGMA LAMBDA CONTINUING EDUCATION NATIONAL HONOR SOCIETY-

GAMMA PI CHAPTER Alpha Sigma Lambda is a national honor society, which partners with colleges and universities to celebrate the scholarship and leadership of adult students in higher education. It focuses on recognizing the special achievements of those adults who accomplish academic excellence while facing competing interests of home and work. This honor society is dedicated to the ad- vancement of scholarship and acknowledges high scholastic achievement in an adult student's career. By doing so, this society encourages many non- traditional students to continue toward and to earn the baccalaureate degree. It is not only the oldest, but also the largest chapter based honor society for full- and part-time students.

Earl S. Richardson Library

[http://library.morgan.edu/earls.richardsonlibrary]

The new Earl S. Richardson Library is located on the South Campus, in a highly prominent site, fronting Hillen Road. The facility was completed in 2007, at a cost of $56,327,000. It is a five-story structure of approximately 222,517 square feet. The award-winning Library, **International Interior Design Association (IIDA) New England Interior Design Awards 2009— Best Education Design-Morgan State University,** replaced the Soper Library. The state-of-the-art building includes a multistory lobby, lounges, private group study rooms, meeting rooms, a technology-enhanced instruction room, computer laboratory, individual computer access at each workstation throughout the building, access to electronic databases for research, reading and study space. The design anticipates planned space for future growth, projected at 5,000 volumes per year, for the next 20 years.

The new Library has several notable features:

Multi-media rooms and audio-visual capabilities in meeting and instruction rooms

Showcases for unique African-American manuscripts and memorabilia

Display cases for items from the collection of the James E. Lewis Museum of Art

Special Collections Room (located on the third floor) for rare and specialty books, manuscripts, photographs and art

The Benjamin A. Quarles Room for meetings (first floor, north side)

The Clarence W. Blount Room for meetings (first floor, north side)

Office space for visiting and emeriti faculty

Interior seating with distinctive skylights

Exterior vertical glass panels that minimize sun glare into the East Reading Rooms on the first, second, and third floors

The conference room and terrace, located on the fourth floor

Four-story, glass enclosed stairs which face Morgan Commons

Environmentally-friendly green roof

The Library's collection includes more than 400,000 volume-equivalents, consisting of instructional, research, cultural and recreational materials that support the University's academic, research, and public service programs. Included among the Library's holdings are books, periodicals, government documents (designated as a U.S. Depository Library in 1940), and electronic resources. Non-print materials such as recordings, slides, audiovisual resources, and art reproductions are also available. The microform col- lection has journals, newspapers, books, and a variety of other documents. To use the varied formats of materials, audiovisual equipment, micro- form readers/printers, computers, printers, scanners, and photocopiers are available. The Beulah M. Davis Special Collections Room houses books, documents and manuscripts that constitute one of the larger university collections of African- American materials in the country, thus provide unique opportunities for study and advanced research. The computer laboratory provides access to the campus computer network, many software packages, and the Internet. In addition, computers are located throughout the Library. An array of other materials and services are also provided for Library users. The Library's facilities are supplemented by those of other libraries in the vicinity, and around the state of Maryland. A direct borrowing agreement makes the library resources of the University System of Maryland and Affiliated Institutions (USMAI) available for use by library- registered Morgan State University students, faculty, and staff. The Morgan State University Library also participates in the Baltimore Academic Libraries Consortium (BALC) which makes students, faculty, and staff eligible for reciprocal borrowing privileges at BALC libraries. For information about the use of these resources, and other services, ask at the Information Desk. Current library hours are posted at the en- trance to the building, on the Library's website, and printed copies are available upon request.

LIBRARY POLICIES AND REGULATIONS

1.Service is the main function of the Library. Policies and regulations have been made to ensure equitable access for all.

2.Except for some specialized materials that may be restricted for use, all resources of the Library are available to any library use. A current activated Bear Necessity Card is referred by MSU students, faculty and staff in order to take appropriate materials from the Library to use materials that have been placed or reserved for access by faculty members. Guests are referred to present an acceptable form of identification in order to use certain Library resources.

3.A current Library-registered University identification card entitles students, faculty and staff to borrowing privileges at Morgan State University and at the libraries of the USMAI and BALC. The safekeeping and proper use of the ID card is the responsibility of the owner. Patrons are re-sponsible for all materials borrowed on their cards. The last day of the loan period is shown on a sticker attached to the back cover of each book borrowed. In addition, students may access their Library accounts online to see, for example, when their books are due and to renew books online.

4.Loan periods should be strictly observed. Fines incurred are to be paid promptly at the cashier's window of the Bursar's Office. A fine of 25 cents per day is charged for each overdue book. The maximum fine is $10.00 per book. Failure to receive overdue notices does not exempt the borrower from paying fines incurred.

5.Bills for lost books, including the default replacement cost and a processing fee, are sent to the Bursar's Office for collection. If an item is returned, fines will be deleted and a maximum late return fee will be assessed. Failure to pay Library charges will result in the curtailment or loss of Library privileges.

6.Library charges are posted to student accounts and are considered a part of students' obligations to the University. Therefore, any unpaid library charges would prevent clearance for graduation and/or release of transcripts.

COLLEGE OF LIBERAL ARTS

DEPARTMENT OF ECONOMICS

DEPARTMENT OF ENGLISH AND LANGUAGE ARTS

DEPARTMENT OF FINE AND PERFORMING ARTS
(Fine Art, Music, Theatre Arts)

DEPARTMENT OF HISTORY AND GEOGRAPHY

DEPARTMENT OF MILITARY SCIENCE

DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES

DEPARTMENT OF POLITICAL SCIENCE AND PUBLIC POLICY

DEPARTMENT OF PSYCHOLOGY

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

DEPARTMENT OF WORLD LANGUAGES AND INTERNATIONAL STUDIES

COLLEGE OF LIBERAL ARTS

Dr. Pamela E. Scott-Johnson, Interim Dean

The College of Liberal Arts is the largest academic division at the University. In addition to offering twelve undergraduates degree programs that represent disciplinary focuses, it also offers a large portion of the courses in the General Education Program administers the University's Writing Proficiency Examination. All Morgan students, regardless of major, take courses and engage in other activities which reflect the historical foundations of liberal education.

MISSION

The mission of The College of Liberal Arts, consistent with that of Morgan State University, is to offer high-quality academic programs and to promote effective student-centered teaching and learning, outstanding student achievement, cutting edge faculty research and scholarship, and broadranging service to the professions and the community.

The College is a learning community of productive and committed educators that provides a gateway of opportunity for a multi-racial, culturally diverse student population, and it works in close partnership with them toward achieving excellence in liberal learning, in training for the professions, in preparation for advanced study and in training for leader- ship and service in the community, especially the urban communities of the state, nation and world. Consistent with Morgan's classification as a doctoral research university, the College is strongly committed to basic and applied research and to creative activities in all areas, especially those in which it offers graduate degrees; and it strongly emphasizes the integration of research and scholarly activities into enhancing all aspects of under- graduate and graduate education. Although Morgan is a research university, the College maintains a strong commitment to effective teaching and to providing a supportive environment for learning and for student success.

The College of Liberal Arts offers a corps of educational programs and services that emphasizes tits core values and components of learning capacity.

In all respects, the College of Liberal Arts is engaged in

Creating Opportunities to Reach Excellence.

CORE VALUES

According to its philosophy and values, the College of Liberal Arts is a learning community that offers a corps of educational programs and services that promotes:

- Intellectual curiosity
- Independence
- Interdependence
- Self-awareness
- Service
- Commitment to problem-solving
- Leadership
- Commitment to life-long learning
- Competency in written and oral communication,
- Achievement

GOALS

In the broad sense, the goals of the College of Liberal Arts are:

1. to recruit and retain a highly qualified and culturally diverse and productive faculty that demonstrates scholarship, personal involvement, effectiveness in and compassion for teaching students, and service to the University and the broader community;

2. to recruit and retain a diverse student population with demonstrated potential for learning and for preparing for roles of leadership and service and a population that includes not only those who are well prepared to pursue a college education, but also other students who, by other traditional measures, may need special academic support and development activities to assist them in taking advantage of the opportunity to pursue a college education; and to nurture and assist all of them in persisting to graduation through effective teaching, faculty advising and utilization of the university support systems;

3. to provide a sound and up-to-date curriculum that emphasizes the interrelationship of the various academic

4. disciplines and provides students with sound preparation for work in the professions, for advanced graduate and professional study, for leadership and for service to the community;

5. to instill in students a desire to develop self-awareness, value formation, a global perspective, a devotion to service, a capacity for leadership, and a commitment to life-long learning;

6. to foster the spirit of independent inquiry and evaluation evident in basic and applied research;

7. to encourage a commitment to investigating the issues and solving the problems associated with the urban community; and

8. to promote continuous assessment of student learning and program effectiveness.

DEGREE PROGRAMS

The College of Liberal Arts offers nine (9) undergraduate degree programs leading to the Bachelor of Arts (B.A.), the Bachelor of Fine Arts (B.F.A.), and Bachelor of Science (B.S.) Degrees.

It offers the Bachelor of Arts (B.A.) Degree in:

- Economics
- English Fine Art History Music Philosophy
- Political Science
- Screenwriting and Animation (SWAN)
- Sociology
- Theatre Arts

It offers the Bachelor of Fine Arts (B.F.A.) Degree in:

- Screenwriting and Animation (SWAN)

It offers the Bachelor of Science (B.S.) Degree in:

- Economics
- Psychology

Students may find specific requirements for majors in the section for the departments in the College of Liberal Arts in which they are domiciled.

MINORS

The College of Liberal Arts offers minors in twenty- three areas:

- African Studies (Interdisciplinary)
- Anthropology
- Cinematic Studies
- Comics and Graphic Novel Storytelling
- Computer Animation
- Criminal Justice
- East Asian Studies (Interdisciplinary)
- English
- Environmental Studies (Interdisciplinary)
- Film and Digital Storytelling
- French
- Geography
- History
- Latin American and Caribbean Studies (Interdisciplinary)
- Museum Studies (Interdisciplinary)
- Music
- Philosophy Pre-Law Religious Studies
- Psychology
- Screenwriting
- Screenwriting and Animation
- Sociology
- Spanish
- Women’s and Gender Studies (Interdisciplinary)

These minors are excellent liberal education supplements to virtually all majors offered at the University, including those in the sciences, business, engineering and education. Students may find specific requirements for minors in the sections for the departments in which they are domiciled.

PRE-LAW

The College of Liberal Arts offers pre-law tracks in the following majors: English, History, Philosophy, Political Science, and Sociology. For more information about these opportunities, please consult the individual majors’ sections.

ADMISSION TO DEGREE PROGRAMS

Students who meet the admission requirements of the university are eligible for admission to degree programs in the College of Liberal Arts. Unless specifically prohibited by university regulations, students should declare their majors as early as possible and should contact the appropriate department for further directions.

RETENTION IN DEGREE PROGRAMS

In order to remain in **good standing** as majors in degree programs in the College of Liberal Arts, students must meet the university's standards for satisfactory academic progress outlined under Academic Policies. When students are placed on **probation** by the university standards or attain less than a 2.0 average in the major, they are also on probation in the major. They are limited in the number of semester credits which they may pursue, they are required to repeat courses in requirements for the major in which they have earned failing grades, and they may be required by the department to report more frequently for faculty advising and to limit the number and kinds of courses in which they enroll. Students who are **dismissed** for unsatisfactory progress by the university are also dismissed as degree candidates in their majors. **Readmission** to the university constitutes readmission as a degree candidate in the major.

ACADEMIC ADVISING

Academic advising is an important part of students' undergraduate education. In the College of Liberal Arts, academic advising is high on the list of priorities and is a requirement for retention in the major. Departmental chairpersons assign students faculty advisers from the point of their matriculation as majors in one of the degree programs in the College. Students are required to hold conferences with their faculty advisers a prescribed number of times per semester, depending on their classification and/or their academic standing.

REQUIREMENTS FOR GRADUATION

Students earning degrees in the College of Liberal Arts must meet the following graduation requirements:

(1) GENERAL EDUCATION REQUIREMENTS: In order to qualify for graduation, students must complete the courses outlined as "General Education Requirements" and "Requirements for Graduation" in the university catalog. In some instances where students have options, particular majors impose limitations on the courses that students may select to fulfill General Education Requirements. Such limitations are spelled out under requirements for the major in those departments.

(2) LIBERAL ARTS CORE: All students earning degrees in programs in the College of Liberal Arts must complete the six-credit Liberal Arts Core, which is designed to complement the General Education Requirements and to give students greater exposure to the liberal arts. Courses used to meet the Liberal Arts Core requirement may not be used simultaneously to satisfy other requirements. In order to qualify for graduation, students must choose one (1) of the following Liberal Arts Core (LAC) options:

Option 1: Great Books

Students must complete the following two courses: GENL 398-498 SEMINAR IN GREAT BOOKS I and II—Six hours; 6 credits.

Option 2: Great Issues

Students must complete the following two courses: GENL 399-499 SEMINAR IN GREAT ISSUES OF CONTEMPORARY SOCIETY I and II—Six hours; 6 credits.

Option 3: Fine and Performing Arts

Students must complete the following two courses: GENL 397-SEMINAR IN THE VISUAL ARTS and GENL 497-SEMINAR IN THE WORLD OF MUSIC — Six hours; 6 credits.

Option 4: Service Learning and Civic Engagement

Students must complete the following two courses: GENL 396—SERVICE LEARNING I and GENL 496 — SERVICE LEARNING II—Six hours; 6 credits.

Option 5: Foreign Languages

Students must complete six (6) credits of the same foreign language. Students' competency level will be determined by the Department of World Languages for the purpose of specifying the level of a foreign language which they are eligible to take to meet this requirement. Students may not use these courses simultaneously to satisfy other requirements, including the Foreign Language requirement for the B.A. degree.

Option 6: Complement to the Major

Students may take any combination of 300- and/or 400-level courses in a **single** discipline outside of their major in the College of Liberal Arts or in the School of Computer, Mathematical and Natural Sciences.

In addition, all students may select the combination of MISC 200 (Leadership Development) and HIST 327 (American Military History) to satisfy Option 6.

English 350: Writing Practicum may not be used to satisfy the Liberal Arts Core Requirement.

(3) MAJOR REQUIREMENTS: In order to qualify for graduation, students must complete the requirements specified in the programs in which they are majoring.

(4) REQUIRED AVERAGE: In order to qualify for graduation, students must have earned a cumulative

average of 2.0 or better, must have a major average of 2.0 or better and must have no outstanding grades below "C" in the major (which includes all required courses taken in the major and required supporting courses).

(5) JUNIOR- AND SENIOR-LEVEL COURSES: In order to qualify for graduation, students must have taken two-thirds of all of their junior- and senior-level (300 and 400 level) requirements in the major at Morgan State University, and must complete their last thirty hours at the University, unless granted prior writ- ten permission by the Dean to take courses elsewhere.

(6) SENIOR COMPREHENSIVE EXAMINATION: In order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70 or higher.

OTHER COLLEGE-WIDE POLICIES

(1) INDEPENDENT STUDY: The College of Liberal Arts approves independent study for students only when the course has not been offered regularly enough for the student to complete degree requirements within the statute of limitations. In addition, the College does not approve independent study for students who have taken the course previously and failed it. As a general rule, the College also limits to one (1) the number of courses which students may pursue on an independent study basis during any academic session.

(2) TAKING COURSES AT OTHER INSTITUTIONS: Once students have matriculated in disciplines in the liberal arts at Morgan State University, they may not take courses at other institutions for the purpose of transferring them to Morgan without prior written permission from the Dean of the College of Liberal Arts. Once prior written permission has been given, students may transfer credits, but not grades, for those courses to Morgan. As a general rule, the College of Liberal Arts does not grant permission for students to take a course at another institution if students have taken and failed the same course at Morgan. In addition, it does not permit students to take courses at another institution if the same courses are being offered at Morgan during that semester or session. This policy applies to CO-OP programs, as well.

(3) EXCESS CREDITS: The College of Liberal Arts adheres strictly to the university policy concerning granting permission to take excess credits during any semester. It does not make exceptions for the purpose of enabling seniors to be graduated. The College grants permission to pursue excess credits (maximum of three credits) only to students with cumulative averages of 3.0 or higher at Morgan.

(4) STATUTE OF LIMITATIONS ON TRANSFER EVALUATIONS: Transfer students admitted to a program in the College of Liberal Arts must appeal the evaluation of their transfer credits within one (1) year of the date on which the transfer evaluation is issued to them. After that date, the evaluation becomes permanent, and it may not be challenged later for the purpose of meeting requirements for graduation.

(5) REPEATING COURSES TRANSFERRED TO THE UNIVERSITY: Students who repeat Morgan courses for which they have been given transfer credit will automatically lose those corresponding transfer credits. Once the course has been taken at Morgan, it will not be expunged from the record.

(6) FAMILIARITY WITH ACADEMIC POLICIES: In the College of Liberal Arts, students are held responsible for being knowledgeable of published policies and procedures at the university. Under no circumstances will ignorance of published policies and procedures be accepted as a reason for making exceptions to them.

INTERDISCIPLINARY MINORS

The Minor in African Studies

The minor in African Studies is open to all Morgan students regardless of their majors. The program will be of interest not only to students who envisage careers in fields such as international business, diplomacy, and overseas development, but also to students seeking to enrich their perspective in this age of globalization. In addition to supporting a minor, the African Studies Program offers a wide range of electives and supports numerous educational, cultural, and networking activities in which all Morgan students interested in Africa may participate.

Students minoring in African Studies must complete the following requirements with a grade of "C" or better:

Course	*Description*	*Credits*
AFAM 101	Introduction to African Studies	3
XXX	Foreign Language	6
XXX	Supplementary African St. Courses	9

(A sequence of two foreign language courses in any traditional African language, such as Arabic, Wolof, Yoruba, or Swahili, or two courses at the intermediate level in French or Spanish)

Choose three pre-approved African-content courses, relating to at least two disciplines that are not being used to satisfy any other program requirement, from the following:

GEOG 205 Geography of Asia	(3)
SOCI 340 Sociology of Urban Africa	(3)
SOCI 342 Africa in Europe and Asia	(3)
ECON 323 Econ. of Developing Nations	(3)
HIST 371 Africa to 1875	(3)
HIST 372 Africa since 1870	(3)
ENGL 341 African Literature	(3)
RELG 322 Intro. to African Religion	(3)
PHIL 360 African Philosophy	(3)
AFOL 450 African Oral Literature	(3)
FREN 413 Francophone Africa through Film and Literature [taught in English]	(3)
Total	**18 Credits**

Note: Any student request to use an African-content course that is not pre-approved to meet a requirement in the African Studies Program will be considered on a case-by-case basis and requires the prior written permission of the Director.

The Minor in East Asian Studies

Students minoring in East-Asian Studies must complete the following required courses with a grade of "C" or better:

Course	*Description*	*Credits*
REQUIRED COURSES		**12**
PHIL 315	Philo. of East Asian Thought	3
POSC 410	Seminar in East Asian Studies	3
For. Lang. 203	Chinese, Japanese, or Korean	3
For. Lang. 204	Chinese, Japanese, or Korean	3
HISTORY ELECTIVE		
(Choose One)		**3**
HIST 387	Intro. to East Asian History	(3)
HIST 388	East Asia in Modern Times	(3)
POLITICAL SCIENCE ELECTIVE		
(Choose One)		**3**
POSC 321	Govt. Politics in Asia	(3)
POSC 350	Govt. and Politics in Modern China	(3)
POSC 352	Govt. and Politics in Japan	(3)
POSC 354	Govt. and Politics in Korea	(3)
TOTAL:		**18**

Students may need to take 101- and 102-level courses in the foreign language above to qualify for the 203 - and 204-level courses.

The Minor in Environmental Studies

The minor in Environmental Studies offers knowledge and skills to enhance employment opportunities in the environmental field for students from a wide variety of majors. Within the minor, it is possible to concentrate on the technical and scientific aspects of the environmental field or the economic, political, and social aspects of the field. The minor complements a wide variety of majors offered at Morgan.

Students minoring in Environmental Studies must complete the following course requirements with a grade of "C" or better:

Course	*Description*	*Credits*
CHOOSE ONE COURSE		
Science and Technology Course		**3 or 4**
BIOL 106	Introductory Biology II	4
BIOL 112	Honors Biology II	4
BIOL 205	Ecology and Adaptations	4
BIOL 401	Environmental Health Science	4
CEGR 328	Environmental Engineering I	4
CHEM 211	Environmental Chemistry	3
EASC 205	Introductory Earth Science	4
EASC 403	Environmental Science	4
CHOOSE ONE COURSE		
Issue Course		**3**
HIST 396	Environmental Crisis in Historical Perspective	3
PHIL 407	Environmental Ethics	3
CHOOSE ONE COURSE		
Individual Project or Internship		**3**
ENVS 498	Internship in Environ. Studies	3
ENVS 499	Individ. Project in Environmental Studies	3
ELECTIVES:		
CHOOSE TWO OR THREE COURSES		**8-9**
XXX	Environmental Studies Elective*	3-4
XXX	Environmental Studies Elective*	3-4
XXX	Environmental Studies Elective*	3-4
Total		**18 Credits**

*Any courses at the 200 level or above related to Environmental Studies offered at Morgan State University and approved by the College of Liberal Arts.

The Minor in Women's and Gender Studies

The minor in Women's and Gender Studies is an interdisciplinary program offered jointly by a number of departments in the College of Liberal Arts. Students minoring in Women's and Gender Studies must complete the following course requirements with a grade of "C" or better:

Course	*Description*	*Credits*
WGST 301	Intro. Women's and Gender Stu.	3
WGST 302	Understanding Feminist Theories	3
XXX WGST Elective*		3
XXX WGST Elective*		3
XXX WGST Elective*		3
XXX WGST Elective*		3
Total		**18 Credits**

*Any courses at the 300- or 400-level related to Women's and Gender Studies offered at Morgan State University and approved by the College of Liberal Arts.

The Minor in Latin American and Caribbean Studies

The minor in Latin American and Caribbean Studies is open to all Morgan State University of their majors.

The minor contributes to the inter- nationalization of the curriculum, strengthens the liberal arts curriculum and globalizes students' worldview. It is of interest not only to students who plan to pursue careers in international studies, diplomacy, international business, international development, public health, sociology, communication studies, education, library science, engineering, and history, but also to students seeking to enrich their perspective in this age of globalization.

Students pursuing a minor in Latin American and Caribbean Studies must complete the following requirements.

Required Courses	**9**
HIST 381 History of Latin America and the Caribbean Area to 1823	3
OR	
HIST 382 History of Latin America and the Caribbean Area Since 1823	3
2xx or > Foreign Language	3
2xx or > Foreign Language	3
Electives	**9**
Architecture	
ARCH 417 Latin American Housing	3

Economics

ECON 323 Econ. of Developing Nations	3
ECON 440 Regional Economics	3

History and Geography

GEOG 200 Geography of the Americas	3
GEOG 302 Economic Geography	3
HIST 280 History of the Caribbean	3
HIST 381 Latin America/Caribbean to 1823	3
HIST 382 Latin America/Caribbean since 1823	3
HIST 490 Interdisciplinary Seminar	3

Philosophy and Religious Studies

PHIL 366 Latin American Philosophy	3

Political Science

POSC 390 Colloquium in Political Science	3

Sociology

SOCI 403 Ethnog. of Selected Cultural Regions	3
SOCI 493 World Cultures and Devel.	3

World Languages

LACS 302 Latin Amer. Society Through Film and Literature	3
PORT 207 Brazilian Cinema	3

Interdisciplinary

LACS XXX Course in Latin American and Caribbean Studies	3
Total	**18 Credits**

The Minor in Museum Studies

Students should contact the Office of the Dean of the College of Liberal Arts or consult the catalog section on the Department of History and Geography and Museum Studies for details and requirements of this recently-developed program.

COURSE OFFERINGS

The following courses are offered by the interdisciplinary faculty of the College of Liberal Arts:

AFST 350 AFRICANA STUDIES—*Three hours; 3 credits.* This course takes the Africana studies approach to the study of various aspects of African Diasporic cultures. It focuses on the major developments among, and achievements of, peoples of the African Diaspora in one or more disciplines or areas of study. (FALL)

AFST 360 AFRICANA STUDIES—HONORS—*Three hours; 3 credits.* This course takes the Africana studies approach to the study of various aspects of African Diasporic cultures. It focuses on the major developments among, and achievements of, peoples of the African Diaspora in one or more disciplines or areas of study. Students on Honors scholarships are required to take this course, rather than AFST 350, to satisfy this General Education requirement. (OFFERED AS NEEDED)

ENVS 390 COLLOQUIUM IN ENVIRONMENTAL STUDIES I- *Three hours; 3 credits.* Advanced topics in Environmental Studies. (OFFERED AS NEEDED)

ENVS 391 COLLOQUIUM IN ENVIRONMENTAL STUDIES II- *Three hours; 3 credits.* Advanced topics in Environmental Studies. (OFFERED AS NEEDED)

ENVS 392 COLLOQUIUM IN ENVIRONMENTAL STUDIES III - *Three hours; 3 credits.* Advanced topics in Environmental Studies. (OFFERED AS NEEDED)

ENVS 498 SENIOR INTERNSHIP - *Nine hours per week; 3 credits*. This course provides the opportunity for the student to obtain supervised work experience at an off-campus site approved by the Program Coordinator. Registration is limited to seniors with a minimum 2.2 cumulative and major average and requires approval of the Program Coordinator. Exceptions may be approved by the Dean. (OFFERED AS NEEDED)

ENVS 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP - *Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/ tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with a minimum 3.0 cumulative and major average and requires the approval of the Program Coordinator. Exceptions may be approved by the Dean. (OFFERED AS NEEDED)

GENL 201 COMPUTER LITERACY, TECHNOLOGY, SOCIETY AND HUMAN VALUES— *Two hours; 2 credits.* This course exposes students to the basic components of computing and to the use of computing in daily life. It also examines modern technology and its impact upon society and human values. (FALL/SPRING)

GENL 211 COMPUTER LITERACY, TECHNOLOGY, SOCIETY AND HUMAN VALUES— HONORS —*Two hours; 2 credits.* This course exposes students to the basic components of computing and to the use of computing in daily life. It also examines modern technology and its impact upon society and human values. Students on Honors scholarships are required to take this course, rather than GENL 201, to

satisfy this General Education requirement. (OFFERED AS NEEDED)

GENL 396 SERVICE LEARNING I—*Nine hours; 3 credits*. This course is designed to offer students practical experiences in community organizations as a way to enhance various areas of knowledge and skills learned through the College of Liberal Arts curriculum. The course differs from a typical internship in that the foundation of service-learning, from which this course is developed, links significant organizational service and core curriculum objectives. Students will select a community organization, which has already identified specific service objectives it needs completed. Students will engage in meaningful service to agencies and meaningful discussion with classmates from varying disciplines who offer different perspectives of their experiences. (FALL/SPRING)

GENL 397 SEMINAR IN THE VISUAL ARTS— *Three hours; 3 credits.* This course exposes students to historical developments in the visual arts and the roles which they have played in human civilization. The course also introduces students to a number of trends and artistic forms in the visual arts as they developed in several cultures around the world. (FALL/SPRING)

GENL 398 SEMINAR IN GREAT BOOKS I—*Three hours; 3 credits.* This course focuses on a limited number of masterpieces of world culture and examines the works as a reflection of the cultures in which they are grounded. This is an interdisciplinary course and looks at the works as a mirror of various aspects of the culture (e.g., history, politics, science and technology, art, aesthetics, literature, sociology, and cultural values). The course may focus on an era, a theme, a trend, a culture, a number of cultures, or another major aspect of civilization, and it seeks to give students a global view through the study of a variety of non-western cultures as well as western culture. (FALL/SPRING)

GENL 399 SEMINAR IN GREAT ISSUES OF CONTEMPORARY SOCIETY I—*Three hours; 3 credits.* This course focuses on major issues of contemporary society and, through extensive reading, attempts to give students an appreciation for the critical issues of the times, such as the environment, science and technology, world hunger, and the arms race. As a part of the University's urban mission, it will deal frequently with issues important to life in the urban community. (FALL/SPRING)

GENL 496 SERVICE LEARNING II—*Nine hours; 3 credits.* This course is designed to offer students practical experiences in community organizations as a way to enhance various areas of knowledge and skills learned through the College of Liberal Arts curriculum. The course differs from a typical internship in that the foundation of service-learning, from which this course is developed, links significant organizational service and core curriculum objectives. Students will select a community organization, which has already identified specific service objectives it needs completed. Students will engage in meaningful service to agencies and meaningful discussion with classmates from varying disciplines who offer different perspectives of their experiences. (FALL/SPRING)

GENL 497 SEMINAR IN THE WORLD OF MUSIC— *Three hours; 3 credits.* This course exposes students to historical developments in music and the roles which they have played in human civilization. The course also introduces students to a number of trends and artistic forms in music as they developed in several cultures around the world. (FALL/SPRING)

GENL 498 SEMINAR IN GREAT BOOKS II— *Three hours; 3 credits.* This course, like Part I, focuses on a limited number of masterpieces of world culture and examines the works as a reflection of the cultures in which they are grounded. This is an interdisciplinary course and looks at the works as a mirror of various aspects of the culture (e.g., history, politics, science and technology, art, aesthetics, literature, sociology, and cultural values). The course may focus on an era, a theme, a trend, a culture, a number of cultures, or another major aspect of civilization, and it seeks to give students a global view through the study of a variety of non-west- ern cultures as well as western culture. (FALL/SPRING).

GENL 499 SEMINAR IN GREAT ISSUES OF CONTEMPORARY SOCIETY II—*Three hours; 3 credits.* This course focuses on major issues of contemporary society, and through extensive reading, attempts to give students an appreciation for the critical issues of the times, such as the environment, science and technology, world hunger, and the arms race. As a part of the University's urban mission, it will deal frequently with issues important to life in the urban community. (FALL/SPRING).

HONR 101 FRESHMAN ORIENTATION FOR HONORS LIBERAL ARTS MAJORS —*One hour lecture, one hour lab; 1 credit.* This course introduces students to the expectations and demands of higher education, to the legacy and tradition of Morgan State University, to college survival strategies, and to the broad array of career opportunities in liberal arts disciplines. Students enrolled in this class are required to attend all University convocations and other prescribed extra-curricular activities for honor students. They are also required to hold conferences with their faculty advisers in order to pass the course. Students transferring 24 or more credits to the University when admitted are exempted from this requirement. (FALL).

ORLA 101 FRESHMAN ORIENTATION FOR LIBERAL ARTS MAJORS AND UNDECLARED MA- JORS—*One hour lecture, one hour lab; 1 credit.* This course introduces students to the expectations and demands of higher education, to the legacy and tradition of Morgan State University, to college survival strategies, and to the broad array of career opportunities in liberal arts disciplines. Students enrolled in this class are required to attend all University convocations and other prescribed extra-curricular activities. They are also required to hold conferences with their faculty advisers in order to pass the course. Students transferring 24 or more credits to the University when admitted are exempted from this requirement. (Formerly ORIE 101) (FALL/SPRING).

ECONOMICS

Chairperson of the Department: Professor: FARIDUL ISLAM; Professor: M. G. QUIBRIA; Associate Professor: RANDAL REED; Associate Professor and Grad Coordinator: LINDA LOUBERT; Instructor: JOSEPH KIMANI; Lecturer: MUHAMMAD MASUM.

MISSION

Consistent with the mission of Morgan State University and the College of Liberal Arts, the economics program seeks to provide top-class educational opportunity for students coming from diverse backgrounds. As a part of its offering in the general education sequence, the economics curriculum is geared toward providing a comprehensive program of studies as a discipline for students planning to get into the job market in the private and public sectors as well as those who plan to pursue higher studies leading to graduate and professional schools.

The Department of Economics is responsible for broadening economic literacy among Morgan State University students in order for them to identify economic problems, alternatives, costs and benefits, to muster a basic level of economic literacy that will help them to better comprehend the world, and to make wise choices in an increasingly globalized world characterized by continuous shifts and changes. For non-economics majors and economics minors, the goal is the attainment of a sufficient level of economic literacy to allow students to understand the way the market system works and how decisions about resource allocations are made. Citizens need to attain a basic level of economic literacy that will help them to better comprehend the world and to make sound decisions.

GOALS

The Department of Economics strives to:

1. Promote economic literacy among Morgan State University students;
2. Promote effective learning through student participation;
3. Increase the number of students that pursue economics as a major and minor;
4. Prepare its majors for graduate study or for careers in administration, banking, business, consulting, government, international relations, law, urban affairs, NGO's and other related fields of endeavor;
5. Increase the number of minors and non-major students who take upper level courses;
6. Build and sustain external relations with alumni government, and other constituents.

The Minor in Economics

The minor in Economics is open to all Morgan students, regardless of their majors. The minor in Economics offers knowledge and skills to enhance employment opportunities for students from Business and Management as well as a wide variety of majors from across the campus. Within the minor, students can concentrate on the quantitative and policy dimensions of Economics; and also in the economic, political, and social aspects of the field. The minor complements a wide range of majors offered at Morgan. Students who chose to minor in Economics must complete the following course requirements with a grade of "C" or better:

Prerequisites: Math 113 (It helps ECON 317 and ECON 318, and also some other 300-400 level economics courses). The minor in Economics is designed to enhance students' understanding of the concepts of economics and business. Students are required to successfully complete 18 credit hours.

Course Description

ECON 211 Principles of Economics I (Macroeconomics)*
ECON 212 Principles of Economics II (Microeconomics)*
ECON 317 Intermediate Microeconomics
ECON 318 Intermediate Macroeconomics
ECON XXX Approved 300 or 400 level Econ Electives**
ECON XXX Approved 300 or 400 level Econ Electives**

* If a student declares Economics as minor, they may not use ECON 211 and/or ECON 212 as part of the graduation as needed for the Social and Behavioral Sciences portion within the General Ed requirement.
**A student may choose any ECON courses at the 300- or 400 level and satisfy the elective requirement. However, this precludes ECON 311 (Principles and Methods of Probability and Statistics), and ECON 312 (Applied Methods in Probability and Statistics). A student in consultation and approval of the Department Chairperson may gain approval to use a course from another department to satisfy this portion of the requirement. However, in no event, shall a student use a course offered by his/ her major department for credit towards the minor in Economics.

The area in which the student wants to specialize can vary; and the electives can be tailored to suit his or her

choice. Areas of specialization that can be supported include, but not limited to, the following: Public Policy and Economics, International Economics, Money and Banking, Mathematical Economics and Urban and Regional Economics or as may be approved by the department.

THE MAJOR IN ECONOMICS

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70% or higher; must have taken all of their junior-and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses). The Department of Economics offers the Bachelor of Arts (B.A.) and the Bachelor of Science (B.S.) degrees in Economics.

Course	***Description***	***Credits (61 credits)***
ACCT 201	Princ. of Accounting I	3
ACCT 202	Princ. of Accounting II	3
FIN XXX	Elective	3
FIN XXX	Elective	3
MATH 114	Intro. to Math. Analysis II	4
MATH 201	Calc. for Non-Sci. Majors	3
ECON 211	Principles of Economics I	3
ECON 212	Principles of Economics II	3
ECON 311	Princ. and Methods of Probability and Statistics	3
ECON 312	Applied Methods of Probability and Statistics	3
ECON 317	Intermediate Microecon.	3
ECON 318	Intermediate Macroecon.	3
ECON 413	Mathematical Economics	3
ECON 414	Econometrics	3
ECON 493	Business and Econ. Resch	3
ECON XXX	Elective	3
ECON XXX	Elective	3
ECON XXX	Elective	3

Foreign Language (two sequential courses in the same language for B.A. Degree or Approved quantitative substitute appropriate for the B.S. Degree) 6

TOTAL: 61

In addition, students must take the following courses to satisfy the appropriate areas of General Education Requirements:

MATH 113 Introduction to Mathematical Analysis (Math and Quantitative Reasoning Req.) 4
PSYC 101 General Psychology (Social and Behav. Sci. Req.) 3
PHIL 220 Ethics and Values (Arts & Huma. Req.) 3
TOTAL 10

The Department advises Economics majors to register for a course outside of the Economics discipline to further satisfy the additional 3 credits of Social and Behavioral Science General Education Requirements. See the Catalog section listing the General Education Program for more information.

THE DEPARTMENTAL HONORS PROGRAM IN ECONOMICS

Objectives:
The Departmental Honors Program in Economics is a complement to—and is intended to be pursued during the junior and senior years after completion of—the university-wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline; (2) reading extensively and intensively the seminal great books in the field; (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for life-long, independent learning; and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility
To qualify for admission to the Departmental Honors Program in Economics, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be interviewed, and be admitted to the Program by the Department.

Program Requirements:
Students admitted to the Departmental Honors Program in Economics must complete the following course requirements:
ECON 388 Great Books—Directed
Reading I- 2 credits
ECON 389 Great Books—Directed
Reading II- 2 credits
ECON 488 Senior Honors Thesis I 3 credits ECON 489 Senior Honors Thesis II 3 credits In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the department.
To remain in the Departmental Honors Program in Economics, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.
Students who completed the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

ECONOMICS HONORS COURSE OFFERINGS

ECON 388 GREAT BOOKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program. (OFFERED AS NEEDED)

ECON 399 GREAT BOOKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I. (OFFERED AS NEEDED)

ECON 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I and II. (OFFERED AS NEEDED)

ECON 489 SENIOR HONORS THESIS II—*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite:** Admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (OFFERED AS NEEDED)

ECONOMICS COURSE OFFERINGS

ECON 211 PRINCIPLES OF ECONOMICS I—*Three hours; 3 credits.* The focus of this course is on macroeconomics. Topics covered include the determinants of nation- al income, employment, inflation, investment, the banking system, and government fiscal and monetary policies. (FALL/SPRING/ SUMMMER)

ECON 212 PRINCIPLES OF ECONOMICS II —*Three hours; 3 credits.* The focus of this course is microeconomics. Topics covered include the theory of the firm, consumer theory, alternative market structures, public goods and distribution theory. (FALL/SPRING/SUMMER)

ECON 310 ECONOMIC ACTIVITY IN THE BLACK COMMUNITY—*Three hours; 3 credits.* This course assesses the historical and current economic status of people and institutions in the Black community. It analytically investigates alternative models and policies for their economic development and growth. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED)

ECON 311 PRINCIPLES AND METHODS OF PROB- ABILITY AND STATISTICS—*Three hours; 3 credits.* This course covers topics such as data organization techniques, measures of central tendency and dispersion probability theory and distribution, sampling techniques and distribution. **Prerequisite:** MATH 114/118 or higher. (Formerly Principles and Methods of Statistics I). (FALL/ SPRING)

ECON 312 APPLIED METHODS IN PROBABILITY AND STATISTICS—*Three hours; 3 credits.* This course covers topics such as estimation theory, hypothesis testing, ANOVA,

regression and correlation, time series, index numbers and decision theory. **Prerequisite:** ECON 311. (Formerly Principles and Methods of Statistics II) (FALL/SPRING)

ECON 315 LABOR ECONOMICS—*Three hours; 3 credits.* This course is primarily a study of the nature of the labor market with emphasis upon the market imperfections. Special attention is given to the theory of wages, collective bargaining and labor relations in various branches of industry. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED)

ECON 316 INTERNATIONAL ECONOMICS—*Three hours; 3 credits.* Theory and practice of international trade, institutions and problems of trade, balance of payments, foreign exchange, policy on international investment and foreign aid. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED)

ECON 317 INTERMEDIATE MICROECONOMICS —*Three hours; 3 credits.* This course covers topics such as the role of price as an allocative device in a market economy. Consumer theory, the theory of the firm, alternative market structures, general equilibrium theory, public goods, welfare economics and distribution theories are covered. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 318 INTERMEDIATE MACROECONOMICS—*Three hours; 3 credits.* This course covers topics such as aggregate general equilibrium theory, national income determination, employment, inflation, investment, consumption, the banking system, business cycles and stabilization policies. **Prerequisite**: ECON211 and ECON212; Or ECON 317; or concurrent enrollment. (OFFERED AS NEEDED).

ECON 320 PUBLIC FINANCE—*Three hours; 3 credits.* This course deals with the revenue, expenditure and debt activities of federal, state and local governments; budgets and fiscal policy; the influence of government economic policy on the business sector; the incidence of taxation, appraisal of costs and the benefits of government programs. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 323 ECONOMICS OF DEVELOPING NATIONS—*Three hours; 3 credits.* This course covers such topics as theories of economic development, sources of capital formation and technical progress; as well as the problems of raising and allocating resources for development. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 331 MONEY AND BANKING—*Three hours; 3 credits.* The evolution of money and the banks, the national banking system, Federal Reserve System, foreign and domestic exchange, credit and Canadian and some European banking systems are discussed. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 410 URBAN ECONOMICS—*Three hours 3 credits.* The course emphasizes major influences affecting city growth, and the role of the government and private institutions in influencing the uses of urban resources. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 413 MATHEMATICAL ECONOMICS—*Three hours; 3 credits.* Using the tools of differential and integral calculus, linear algebra and elementary topology, this course covers various optimization techniques. **Prerequisites**: ECON 311 and 312. (OFFERED AS NEEDED).

ECON 414 ECONOMETRICS—*Three hours; 3 credits.* This course covers the application of mathematical and statistical methods. The course is concerned with estimating economic relationships and forecasting the behavior of economic variables. Topics include simple and multiple regression and correlation analysis; estimation and hypotheses testing in regression models; specification of regression models; times series analysis; simultaneous equation models; and forecasting. **Prerequisites**: ECON 311, ECON 312 and ECON 413. (OFFERED AS NEEDED).

ECON 422 ECONOMICS AND HEALTH—*Three hours; 3 credits.* This course will analyze the health care marketplace. It will cover issues such as the demand for, and supply of, health, physicians' and hospital services, and health insurance. Special emphasis will be placed on current policy issues such as access, quality and cost of care under various types of organizational structure. **Prerequisites:** ECON 211 and 212. (OFFERED AS NEEDED).

ECON 424 ECONOMICS AND LAW—*Three hours; 3 credits.* The course analyzes legal problems using microeconomic theory. Its main focus is to demonstrate that the basic economic concepts, such as maximization, equilibrium and efficiency, are fundamental to explaining and understanding the law.

Prerequisites: ECON 211 and 212. (OFFERED AS NEEDED).

ECON 440 REGIONAL ECONOMICS—*Three hours; 3 credits.* Techniques for examining regional income and product accounts will be developed as well as analyzing the occupational structure of employment and the industrial composition of regional output. (OFFERED AS NEEDED).

ECON 493 BUSINESS AND ECONOMIC RESEARCH—*Three hours; 3 credits.* This course is de- signed to acquaint the student with the methods of research in economics and business. Each student participates in a research project which affords him or her the opportunity to integrate his or her theoretical knowledge into the resolution of a problem. **Prerequisites:** ECON 317 and 318. (OFFERED AS NEEDED).

ECON 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience relating to the major at an off-campus site selected and approved by the Department Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

ECON 499 SENIOR RESEARCH OR TEACH-ING/ TUTORIAL ASSISTANTSHIP—*Nine hours per week 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
DEPARTMENT OF ECONOMICS
BACHELOR OF SCIENCE OR BACHELOR OF ARTS DEGREE IN ECONOMICS
SUGGESTED SEQUENCE OF COURSES

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
XXXX – IM – General Education Requirement		3
XXXX – HH – General Education Requirement		3
XXXX – BP – General Education Requirement		4
ORLA 101	Freshman Orientation	1
		14

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
PSYC 101 – SB – General Psychology		3
MATH 113 – MQ – General Education Req.		4
XXXX – BP – General Education Requirement		3
PHEC XXX	Physical Education Elective	1
		14

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX – AH – General Education Requirement		3
MATH 114	Intro to Math Analysis II	4
XXXX – CT – General Education Requirement		3
ACCT 201	Accounting I	3
ECON 211	Economics I	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX – SB – General Education Requirement		3
PHIL 220 – AH – Ethics & Values		3
XXX	Free Elective	3
ACCT 202	Accounting II	3
ECON 212	Economics II	3
		15

JUNIOR YEAR (FIRST SEMESTER)

XXXX – CI – General Education Requirement		3
ECON 311	Statistics I	3
ECON 317	Interm. Microeconomics	3
XXX	Foreign Language* [B.A]	3
	OR	
XXX	Approved Quantitative Crse [B.S.]	
MATH 201	Calculus for Non Sc.	3
		15

JUNIOR YEAR (SECOND SEMESTER)

ECON 312	Statistics II	3
ECON 318	Interm. Macroeconomics	3
XXX	Foreign Language* [B.A]	3
	OR	
XXX	Approved Quantitative Crse [B.S.]	
FIN XXX	Elective	3
XXXX	Liberal Arts Core	3
		15

SENIOR YEAR (FIRST SEMESTER)

ECON 413	Math. Economics	3
ECON XXX	Economics Elective**	3
ECON XXX	Economics Elective**	3
FIN XXX	Elective	3
XXX	Free Elective	2
XXX	Free Elective	2
		16

SENIOR YEAR (SECOND SEMESTER)

ECON 493	Business and Econ. Rsch.	3
ECON 414	Econometrics	3
ECON XXX	Economics Elective**	3
XXXX	Liberal Arts Core	3
XXX	Free Elective	3
		15

TOTAL CREDIT HOURS **120**

*Two sequential courses in the same language.
** Students may substitute one economics elective for another related course as approved by the Department Chair
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EX- AMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCYEXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English);AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

ENGLISH AND LANGUAGE ARTS

Chairperson of Department: PROFESSOR DOLAN HUBBARD; Assistant Chairperson: ASSOCIATE PROFESSOR J. A. WHITE; Coordinators of Freshman English Program: PROFESSOR MILFORD JEREMIAH and ASSOCIATE PROFESSOR L. ADAM MEKLER; Coordinator of English Honors Program: Assistant Professor Jennifer Williams; Coordinator of Graduate Studies: ASSOCIATE PROFESSOR JOY MYREE-MAINOR; Coordinator of Humanities Program: ASSISTANT PROFESSOR MARY J. COUZELIS; Coordinator of English Major and Coordinator of Advising: ASSOCIATE PROFESSOR J. A. WHITE; Coordinator of Creative Writing: LECTURER CELESTE DOAKS; Coordinator of Film and Television Writing: ASSOCIATE PROFESSOR KEITH MEHLINGER; Coordinator of Professional and Technical Writing: PROFESSOR ANITA PANDEY. Professors: BURNEY J. HOLLIS, DOLAN HUBBARD, ROSE U. MEZU, ADELE NEWSON-HORST, ANITA PANDEY; Associate Professors: M. K. ASANTE, JR., LINDA M. CARTER, KEITH MEHLINGER, L. ADAM MEKLER, JOY MYREE-MAINOR, JULIE CARY NERAD; J.A. WHITE; Assistant Professors: MONIQUE AKASSI, BRETT BUTLER, MARY COUZELIS, KARL HENZY, LOIS MCMILLAN, DAVID W. WARFIELD; JENNIFER D. WILLIAMS; Lecturers, TITALAYO AKANKE; LEIZA BROWN, DERWIN L. CAMPBELL, KIMBERLY A. COLLINS, VELMA CUNNINGHAM, BETTY DAVIS, CELESTE DOAKS, JOHNNIE FIELDS, NATHANIEL FULLER, DENISE JARRETT, LARRY JOHNSON, LINDA JOHNSON, BRENDA LORICK, JONATHAN LUFTIG, HELEN MADRY, MELANIE MAROTTA, ROBERT MATUNDA, ELLA STEVENS, CHARLOTTE TEAGUE, MARLYN THOMAS, MARVA THOMAS, AJ VERDELLE, ELIZABETH WATSON.

Director of the Writing Center: MONIQUE AKASSI

DEPARTMENTAL PROGRAMS

The Department of English and Language Arts houses a variety of University and departmental programs. These programs include: (1) Freshman English Program, (2) Introduction to Humanities Program, (3) Junior Writing Proficiency Examination, (4) Reading Program, (5) the major in English, (6) the major in Screenwriting and Animation. The Department also offers the Master of Arts Degree in English and the Doctor of Philosophy in English. For further information on the graduate programs, see the catalog of the School of Graduate Studies.

THE DEPARTMENTAL MAJOR

At the undergraduate level, the Department of English and Language Arts offers the Bachelor of Arts Degree in English. Students may follow tracks in Creative Writing, Language Arts, and Literature and Language. Students may also pursue an undergraduate major in Screenwriting and Animation; contact the department for further details.

FRESHMAN ENGLISH—HUMANITIES—WRITING PROFICIENCY EXAMINATION CLUSTER

The Department of English and Language Arts offers a three-part cluster of courses and experiences which is intended to develop the student's command of language through a variety of grammar, composition, and research experiences in world art, literature, music, philosophy and religion. The cluster consists of: ENGL 101-102 or 111-112; HUMA201-202 or HONORS HUMA 211-212, which are Arts and Humanities distribution area options within the General Education program required of all Morgan student; and the Writing Proficiency Examination. Students are expected to have successfully completed both ENGL101-102 or HONORS ENGL 111-112 before taking the Writing Proficiency Examination.

Freshman English Requirement: The Freshman English Program consists of two consecutive semesters of study of composition and research: ENGL 101-102 or 111-112. The level or section of ENGL 101 and ENGL 102 or ENGL 111 and ENGL 112 at which a student enrolls in the pro- gram is determined by placement testing. In ENGL 101 and ENGL 102, one level of classes meets three hours a week, while at the other level classes meet for five hours a week. **In order to pass courses in the Freshman English Program, students must earn grades of "C" or higher.**

Humanities Requirement: All English majors must complete either HUMA 201 or 202 (or one of the Honors sections, HUMA 211 or 212) as part of their General Education Requirements. The prerequisite for enrollment in the Humanities Program is completion of ENGL 101-102 or 111-112.

Writing Proficiency Requirement: All students must meet the Writing Proficiency Requirement in order to qualify for graduation. They may satisfy the requirement by taking the Writing Proficiency Examination (ENGL 001) or by earning a grade of "C" or higher in either ENGL 352: Intermediate Composition or ENGL 354: Advanced Composition. **A student taking ENGL 352 or ENGL 354 as a track requirement must ALSO take the Writing Proficiency Examination**. The Writing Proficiency Examination is administered once each semester and during the summer session to all students at the university who have completed the above sequence and who register for it online. Students who take the Examination and do not pass it may be re-scheduled for it, or they may enroll in the Junior Writing Practicum (ENGL 350), the successful completion of which meets the Writing Proficiency requirement. All students entering the university with the A. A. degree should apply to the Department of English and Language Arts during the first semester to determine eligibility for the Writing Proficiency Examination or eligibility to take ENGL 352 or ENGL 354. The University grants no exemptions from this requirement.

THE MAJOR IN ENGLISH

Goals: The chief goals of the English major are (1) to provide training and experience in the effective use of English prose, including a knowledge of and practice in the techniques and devices by which oral and written expression can be improved; (2) to assist students in gaining an understanding of the nature of language and a balanced knowledge of the historical development and present-day descriptions of the English language; (3) to develop in students an understanding and appreciation of literature and to acquaint them with the rich literary heritage of the past and variety of the present; (4) to assist students in developing critical standards for evaluating literature based on understanding of such concepts as genres, prosody, styles, and levels of meaning, and the most significant theories and practices of representative critics, past and present; (5) to offer instruction and guidance designed to develop the student's potentialities for creating, thinking and writing; (6) to help students to develop an appreciation of and a growing interest in literary scholarship by providing instruction and practice in the writing of scholarly papers, critical and historical; and (7) to acquaint students in all focus areas with technological tools to enhance their preparation for leadership roles in the twenty-first century. The English major is recommended for students interested in a variety of professions that require a knowledge of language, writing, literature and human values. The program for the English major encourages the student to focus on the area best suited for his or her chosen profession: publishing, diplomacy, journalism, law, teaching, creative writing, and advanced professional writing such as film and television writing and technical writing.

Teacher Certification Requirement in English: To qualify for teaching certification, a student majoring in English must also complete courses in the School of Education and Urban Studies. An interested student should contact the School of Education and Urban Studies for additional information.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70 or higher; must have taken two-thirds of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, **with no outstanding grades below "C" in the major** (which includes all courses required for the major, including foreign language courses).

Required Courses in the Major in English

English majors are required to take the following Core Requirements:

Course	*Description*	*Credits*
CORE REQUIREMENTS		**33**
ENGL 201	Survey of English Lit. I	3
ENGL 202	Survey of English Lit. II	3
ENGL 203	Survey of American Lit. I	3
ENGL 204	Survey of Amer. Lit. II	3
ENGL 304	Literary Crit. and Theory	3
ENGL 340	Survey of Afr.-Amer. Lit	3
ENGL 353	Adv. Grammar	3
ENGL 418	Intro. to Shakespeare	3
ENGL 453	Intro. to English Lang.	3
For. Lang.	**xxx (requirements differ**	**3**
For. Lang.	**xxx according to track)**	**3**

(Foreign Language requirements differ according to track; Language and Literature and Language Arts students must take a language through the intermediate level (203 and 204), while Creative Writing students must take 6 credits of a foreign language at any level. Contact the World Languages Department for placement information.)

In addition to completing the Core Requirements, English majors must complete the requirements in one (1) of the following focus areas:

TRACK #1: Literature and Language		**24**
ENGL 381	Seminar in Literature	3
ENGL XXX	Group 1 Elective	3
ENGL XXX	Group 1 Elective	3
ENGL XXX	Group 2 Elective	3
ENGL XXX	Group 2 Elective	3
ENGL XXX	Group 3 Elective	3
ENGL XXX	Group 4 Elective	3
ENGL XXX	Group 4 Elective	3
TOTAL:		**57**

TRACK #2: Creative Writing		**24**
ENGL 321*	Intro. to Creative Writing	3
ENGL 322	Creative Writing: Poetry	3
ENGL 323	Creative Writing: Fiction	3
ENGL 333	Playwriting	3
ENGL 485	Creative Projects	3
ENGL XXX	Group 1 or 2 Elective	3
ENGL XXX	Group 4 Elective	3
ENGL XXX	Group 4 Elective	3

*ENGL 321 is a prerequisite for all other courses in Creative Writing.

TOTAL: **57**

TRACK #3: Language Arts		**21**
ENGL 474	Literature for Adolescents	3
ENGL 354	Advanced Composition	3
SPCH 312	Organizational Comm.	3
ENGL XXX	Group 1 or 2 Elective	3
ENGL XXX	Group 1 or 2 Elective	3
ENGL XXX	Group 3 Elective	3
ENGL XXX	Group 4 Elective	3

TOTAL: **54**

English Major—Pre-Law Track:

Students majoring in English and following the Pre- Law Track get a strong foundation in the discipline and solid training in the following areas: (1) effective oral and written communication, (2) critical textual analysis, (3) critical thinking, (4) argumentation and rhetoric, and (5) social and governmental institutions, traditions and values that shape the legal world. They must complete the following requirements:

Major Requirements		*33*
ENGL 201	Survey of English Lit. I	3
OR 202	Survey of English Lit. II	3
ENGL 203	Survey of American Lit. I	3
OR 204	Survey of Amer. Lit. II	3
ENGL 304	Literary Crit. and Theory	3
ENGL 340	Survey of Afr.-Amer. Lit	3
ENGL 354	Adv. Composition	3
ENGL 452	Intro. to Linguisitics	3
ENGL 488	Senior Projects	3
For. Lang. Two semesters at the intermediate level or above		6

Pre-Law Track Requirements

ENGL 250	Vocabulary Development	3
ENGL 353	Advance Grammar	3
HIST 336	Hist. of American Law	3
HIST 337	Amer. Constitutional Hist.	3
PHIL 302	Critical Thinking	3
PHIL 343	Philosophy of Law	3
POSC 390	Sem. in the Pract. of Law	3
POSC 415	Amer. Constitutional Law	3
SOCI 308	Criminology	3
SPCH 201	Argumentation and Advocacy	3

TOTAL: **63**

GROUP 1: British, European, and African Literatures

ENGL 309	Chaucer	3
ENGL 310	English Literature in the Renaissance	3
ENGL 311	Milton	3
ENGL 313	English Literature in the 17th Century	3
ENGL 314	English Literature in the 18th Century	3
ENGL 315	The English Romantic Period	3
ENGL 330	The Traditional British Novel	3
ENGL 331	The Modern British Novel	3
ENGL 332	The European Novel	3
ENGL 341	African Literature	3
ENGL 347	Women Writers in Africa and the Diaspora	3
ENGL 410	19th Century Prose	3
ENGL 411	The Victorian Sense	3
ENGL 412	20th Century British Literature	3

GROUP 2: Literature of the Americas

ENGL 317	American Romantic Lit.	3
ENGL 318	American Realism and Naturalism	3
ENGL 319	20th Century American Literature	3
ENGL 342	African-American Prose	3
ENGL 343	African-American Poetry	3
ENGL 345	African-American Biography and Autobiography	3
ENGL 346	Intro. to Caribbean Lit.	3
ENGL 394	American Folklore	3
ENGL 395	Afr.-American Folklore	3
ENGL 413	Studies in Amer. Drama	3
ENGL 414	American Poetry	3
ENGL 433	African-American Novel	3
ENGL 434	The American Novel	3

GROUP 3: Writing Studies

ENGL 250	Vocabulary Development	3
ENGL 321	Introduction to Creative Writing	3
ENGL 322	Creative Writing: Poetry	3
ENGL 323	Creative Writing: Fiction	3
ENGL 353	Advanced Grammar	3
ENGL 354	Advanced Composition	3
ENGL 355	Technical Writing	3
ENGL 357	Business Writing	3
ENGL 452	Introduction to Linguistics	3
ENGL 456	Cognitive/Language Behavior	3
MMJN 200	The Black Media	3
MMJN 202	Print News Reporting and Writing I	3
MMJN 302	Print News Reporting and Writing II	3
MMJN 313	Sports Reporting and Writing	3
MMJN 406	Advanced Editing	3
MMJN 415	Editorial and Critical Reporting and Writing	3
SWAN 335	Intro. to Screenwriting	3
SWAN 340	Episodic Comedy	3
SWAN 434	Advanced Screenwriting	3
SWAN 487	Seminar in the One-Hour Drama	3

GROUP 4: Cultural Studies

ENGL 381	Seminar in Literature	3
ENGL 384	Seminar in Special Topics	3
ENGL 390	Comparative Mythology	3
ENGL 391	Sacred Texts	3
ENGL 393	Studies in Folklore	3
ENGL 472	Studies in Western Drama	3
ENGL 473	Literary Biography and Autobiography	3
ENGL 474	Literature for Adolescents	3
ENGL 475	Women and Literature	3
ENGL 484	Seminar in the Novel	3
ENGL 488	Senior Project	3
SWAN 315	Film Appreciation	3

THE DEPARTMENTAL HONORS PROGRAM IN ENGLISH

Objectives:
The Departmental Honors Program in English is a complement to—and is intended to be pursued during the junior and senior years after completion of—the university-wide Honors Program in the General Education Program. The Departmental Honor Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for life-long, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility
To qualify for admission to the Departmental Honors Program in English, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be interviewed, and be admitted to the

COLLEGE OF LIBERAL ARTS

Program by the Department.

Program Requirements:
Students admitted to the Departmental Honors Program in English must complete the following course requirements:

ENGL 388	Great Books—Directed Reading I	2 credits
ENGL 389	Great Books—Directed Reading II	2 credit
ENGL 488	Senior Honors Thesis I	3 credits
ENGL 489	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and (in April of the senior year) defend a Senior Thesis on a topic approved by the department.

To remain in the Departmental Honors Program in English, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

THE MINOR IN ENGLISH

The minor in English is designed to allow students to enhance their major with literature or language competencies which will best improve their career preparation and marketability. The minor in English requires a sequence of 18 credits with a grade of "C" or better in each course.

Required Courses for Minor in English

Core Courses

ENGL 354	Advanced Composition	3
ENGL XXX	Choose two (2) of the following courses:	6
ENGL 201	Survey of British Literature I	
ENGL 202	Survey of British Literature II	
ENGL 203	Survey of American Literature I	
ENGL 204	Survey of American Literature II	
ENGL 340	Survey of African-American Literature	

Elective Courses

ENGL XXX	English Elective*	3
ENGL XXX	English Elective *	3
ENGL XXX	English Elective *	3

** Students should complete the minor by choosing courses most closely related to their field or interest. For example, philosophy majors might choose literature courses, while business majors might select courses in technical and professional writing. Students may not satisfy this requirement with ENGL 350: Writing Practicum or with ENGL 101-102 or 111-112: Freshman Composition I and II. In addition, students should be certain that they have met prerequisites for taking advanced English courses.*

THE READING PROGRAM

The Department of English and Language Arts offers two courses in Developmental Reading. The first of these courses (DVRD 101) is required of students enrolled in the Pre-College Studies Program and students who test low on the university's placement test in Reading. Other students who are interested in enhancing their reading comprehension skills are encouraged to enroll in DVRD 102.

THE MAJOR in
SCREENWRITING and ANIMATION (SWAN)

Director of SWAN: ASSOCIATE PROFESSOR, KEITH MEHLINGER; Faculty: ASSOCIATE PROFESSOR, MK ASANTE JR., ASSISTANT PROFESSOR, DAVID W. WARFIELD; Adjunct Facullty: WILLIE MOORE, BRITTANY PARKER, DAVID ROBERTS, KOBINA YANKAH

Morgan State University offers the Bachelor of Arts, and the Bachelor of Fine Arts in Screenwriting and Animation (SWAN). SWAN is Morgan's cinematic arts and sciences major with focus areas (tracks) **in (1) Computer Animation (and Interactive Media), (2) Film and Television Writing (Screenwriting), (3) Integrated Media Writing (Screenwriting) and Animation.** The degree combines theory and practice and integrates production and hands-on field experience in filmmaking and content creation.

SWAN aims to prepare students for sustainable careers across diverse segments of industry as entrepreneurs, writers, artists, and content makers of film/TV and cinematic media. Our major is also intended to build portfolios and cultivate scholarship that prepares students for graduate studies .

SWAN uses the humanities as a platform for the expansive discourse and mediation that film and visual storytelling allows on any topic. SWAN also provides a framework for film studies that integrates history, world culture, and the critical analysis of cinema as an expressive art form defined by its distinct language and aesthetics.

From studio projects to workshops, internships, and collaborative field experiences, SWAN emphasizes storytelling and applied practice in content creation for film and animation in a digital era.

SWAN courses are sequenced to develop students as filmmakers and storytellers who write, produce, direct, shoot, and edit their work. The increasingly complex work that students create over their time as majors is essential for spearheading their careers and building their portfolios.

The degrees require that students complete **57 credits** in the major and in supporting courses. The Bachelor of Arts **(B.A.)** Degree requires students to complete six credits in the same foreign language as a part of their degree requirements, while the Bachelor of Fine Arts **(B.F.A.)** Degree requires students to complete six credits in practical studio courses as a substitution for the foreign language requirement.The Bachelor of Arts **(B.A.)** Degree requires students to complete six credits in the same foreign language at the 200-level as a part of their degree requirements. The Department of World Languages and International Studies determines students' competency to take courses at the specified level.

Both degrees require that students follow a prescribed sequence of applied courses in the major. This allows students to build their skillsets as cumulative knowledge necessary to complete projects in their junior and senior years. As seniors, SWAN majors must complete a year-long studio workshop beginning in the Fall and ending in Spring. This two-course sequence culminates with a capstone film or other original work overseen at all stages by SWAN faculty.

Courses for the major provide the contemporary context of business practices and entrepreneurship as taught by experienced faculty who are also working practitioners. Our Visiting Artists Program brings field experiences and workshops to SWAN with award winning experts in the field of film and television entertainment. This augments our curriculum with ties and linkages to industry

Each focus area (or track) for the major shares gateway and core requirements required for the study of film as a collaborative art form and practice. All tracks emphasize visual storytelling, moving image content production, and film and TV writing for diverse segments of industry including entertainment, education, and business. All tracks emphasize critical thinking and collaborative problem solving that is central to filmmaking..

Where tracks differ has to do with professional craft and practitioner techniques required for specialization, including the electives that augment skills such as cinematography, editing, and directing.

(1) **The Computer Animation (and Interactive Media)** track requires courses in computer science, 2D and 3D animation, motion design, storyboarding, web design, multimedia scripting, and gaming.
(2) The **Film and Television Writing (Screenwriting)** track requires greater immersion in applied theory and practice in writing and content production (shooting, editing, directing and producing) for film/TV and multimedia.
(3) The **Integrated Media Writing (Screenwriting) and Animation** track requires courses in drawing and illustration, comics, and fiction and creative non-fiction, for an approach to storytelling that factors in popular culture, transmedia, and mobile screens in a marketplace where stories exist in multiple formats.

Screenwriting and Animation (SWAN) majors are expected to work closely with their advisors to choose their electives in order to design a program that best serves their career goals. The major requires courses in different departments of the College of Liberal Arts, and also in the School of Computer, Mathematical, and Natural Sciences (SCMS), thereby making SWAN an interdisciplinary major. With the approval of an advisor,

electives for the major can also be taken in other schools.

Required Courses in the SWAN Major

SWAN students must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, **with no outstanding grades below "C" in the major** (which includes all courses required for the major, including foreign language courses).

Program Requirements for the Bachelor of Arts (B.A.) or Bachelor of Fine Arts Degree (B.F.A) in Screenwriting and Animation (SWAN)

Gateway Courses (9 credits)
(Prerequisites for taking courses above the 100-level)

SWAN 101 Intro. to Cinematic Storytelling	3
COMM 201 Fund. of Writing for Multiplatform Journalism	3
SWAN 230 Fund. of Film & TV Writing	3

Core Requirements (15 credits)

SWAN 320 Filmmaking I	3
SWAN 325 Film Editing I	3
SWAN 335 Intro. to Screenwriting	3
MMJN 406 Advanced Editing	3
HIST 425 Hist. of American Movies	3

Track Requirements (30 credits)

Screenwriting and Animation majors must complete the requirements in one (1) of the following tracks

Track #1: Computer Animation

Required Track Courses	***(24 credits)***
COSC 111 Intro. to Computer Science I	3
COSC 112 Intro. to Computer Science II	3
SWAN 345 Animation Workshop I	3
SWAN 346 Animation Workshop II	3
SWAN 469 Film & Digl. Story. Internship I	3
SWAN 495 Senior Studio Projects I	3
SWAN 496 Senior Studio Projects II	3

Track Electives (6)
Students must choose two courses from the Interdisciplinary Electives at the end of this section.

Track #2: Film and Television Writing

Required Track Courses	***(21 credits)***
SWAN 340 Practicum in Episodic Comedy	3
SWAN 430 Seminar in One-Hr. Drama	3
SWAN 434 Adv. Screenwriting	3
SWAN 455 Writing & Producing the Docu.	3
OR	
SWAN 456 Corporate Film and Video	3
SWAN 469 Film & Digl. Story. Internship I	3
SWAN 495 Senior Studio Projects I	3
SWAN 496 Senior Studio Projects II	3

Track Electives (9)
Students must choose two courses from the interdisciplinary list of electives at the end of this section.

Track #3: Integrated Media Writing

Required Track Course	***(21 credits)***
ART 209 Drawing I	3
ART 210 Drawing II	3
SWAN 345 Animation Workshop I	3
SWAN 346 Animation Workshop II	3
SWAN 469 Film & Digl. Story. Internship I	3
SWAN 495 Senior Studio Projects I	3
SWAN 496 Senior Studio Projects II	3

Track Electives (9)
Students must choose three courses from the interdisciplinary list of electives at the end of this section.

Interdisciplinary Electives for All Three Tracks
Students must choose six (6) or nine (9) credits from the following list of Interdisciplinary Electives, depending upon their track and the degree that they are pursuing. Students pursuing the B.F.A. and B.A. Degrees must choose six (6) credits of a single foreign language as part of the nine (9) interdisciplinary elective. Those not pursuing those degrees may choose suitable substitutes.

Animation

ART 304 History of Western Art II	3
ART 311 Photography: Light Design	3
ART 370 Advanced Photography	3
ART 390 Intermediate Illustration	3
ART 401 Life Drawing	3
ART 402 Intro to Modern Art	3
ART 407 Photography: Cinematography	3
ART 473 Color Photography	3
ART 477 Digital Photographic Imaging	3
COSC 332 Computer Gaming	3
EEGR 498 Independent Project	3
EEGR 499 Special Topics in Electrical Engineering	3
IEGR 455 Multimedia Instructional Design	3
IEGR 485 Advanced Multimedia Instructional Design	3
SWAN 235 Direct Film Animation	3
SWAN 336 Practicum in Animation Writing	3
SWAN 340 Practicum in Episodic Comedy	3
SWAN 341 Practicum in the Graphic Comic	3
SWAN 342 Practicum in Storyboard Design	3
SWAN 348 Sound Design for Film and Animation	3

SWAN 352 Animation in Film 3
SWAN 386 Game Art and Design 3
SWAN 391 Special Topics in Animation and Digital Interactive 3
SWAN 392 Special Topics in Web Design 3
SWAN 409 Specl. Topics in Cinematic Arts 3
SWAN 410 Special Topics in Animation 3
SWAN 412 Special Topics in Post-Production & Visual Effects 3
SWAN 414 Special Topics in Game Art and Design 3
SWAN 436 Adv. Writing for Animation 3
SWAN 438 Film and Digital Storytelling Studio (Advanced) 3
SWAN 472 Instructional Design for Electronic Media 3
SWAN 473 Special Topics in Game Art and Design 3
SWAN 474 Motion Graphics 3
SWAN 475 Web Design and Interactive Multimedia Authoring 3
SWAN 480 Character Design and Animation 3
SWAN 485 Creative Projects in Animation 3

Broadcast and Integrated Media Production
Any 300- or 400- level course in Broadcast and Integrated Media Production for which the student qualifies.

Business
MKTG 331 Principles of Marketing 3
MKTG 335 Consumer Behavior 3
MKTG 340 Global Marketing 3
MKTG 346 Social Marketing 3
SWAN 360 Directing Actors & the Camera 3
MKTG 431 Advertising and Marketing Communications 3
MKTG 465 Special Topics in Marketing 3
MKTG 495 Strategic Marketing Management 3

Computer Science
Any 300- or 400- level course in Computer Science Course(s) for which the student qualifies.

English and Language Arts
Any 300- or 400-level course in English and Language Arts Course(s) for which the student qualifies.

Cinematic Studies
AFOL 451 Contemporary Trends in African Oral Literature 3
FREN 413 Francophone Africa through Film and Literature 3
ENGL 304 Literary Criticism: Theoretical Foundations 3
ENGL 384 Seminar in Literature 3
SWAN 310 Seminar in Film and Society 3
SWAN 315 Film Appreciation 3
SWAN 365 Foundations of Film Theory and Criticism 3
SWAN 350 Black Film 3
SWAN 365 World Cinema 3
SWAN 351 Women in Film 3
SWAN 352 Animation in Film 3
SWAN 355 World Cinema 3
SWAN 356 American Cinema 3
SWAN 357 European Cinema 3
SWAN 358 Asian Cinema 3
SWAN 359 Post-Colonial Cinema 3
SWAN 360 Latin American Cinema 3
SWAN 365 World Cinema Masterworks 3
SWAN 405 Special Topics in Film Theory 3
SWAN 407 Special Topics in Film Genre 3
SWAN 408 Special Topics in Film History 3
SWAN 416 Seminar: Multimedia for Film History and Analysis 3
SWAN 450 Social Issues in the Contemporary Documentary 3
SWAN 497 Directed Research in Film Studies 3

Film and Television Screenwriting

SWAN 336 Practicum in Animation Writing	3
SWAN 340 Practicum in Episodic Comedy	3
SWAN 400 The Film and Entertainment Business	3
SWAN 413 Special Topics in Screenwriting	3
SWAN 415 Special Topics in Children's Programming	3
SWAN 425 Factual and Fictional Adaptation	3
SWAN 430 Seminar in 1-Hour Drama	3
SWAN 431 Developing Drama Series	3
SWAN 432 Developing Comedy Series	3
SWAN 434 Advanced Screenwriting	3
SWAN 436 Advanced Animation and Digital Storytelling	3
SWAN 499 Independent Projects in Writing	3
SWAN 470 Internship II	3
SWAN 484 Creative Projects in Film and Digital Storytelling	3
SWAN 499 Independent Projects in Film and Digital Storytelling	3

Journalism

Any 300- or 400-level Journalism course(s) for which the student qualifies.

Philosophy

PHIL 421 Ethics in Contemporary Society	3

Cinematic Storytelling

SWAN 325 The Art of Motion (Digital Film Editing I)	3
SWAN 330 Fund. of Cinematography	3
SWAN 337 Intro to Film and Digital Storytelling	3
SWAN 345 Film Editing II (Intermediate Theory and Technique)	3
SWAN 347 Lighting for Film and Digital Storytelling	3
SWAN 380 Digital Filmmaking II	3
SWAN 385 Film Editing II (Intermediate)	3
SWAN 387 Film and Digital Storytelling II	3
SWAN 390 Special Topics in Producing	3
SWAN 400 The Film and Entertainment Business	3
SWAN 411 Special Topics in Cinematography and Production	3
SWAN 415 Dramatic Lighting Theory and Technique	3
SWAN 438 Film and Digital Storytelling Studio (Advanced)	3
SWAN 455 Writing and Producing the Documentary	3
SWAN 456 Film & Digital Media for Business and Education	3
SWAN 457 Writing and Producing the Short Film	3
SWAN 465 Advanced Digital Film Editing	3
SWAN 470 Film and Digital Storytelling Internship II	3
SWAN 483 Special Topics in the Film & Entertainment Business	3
SWAN 484 Creative Projects in Film and Digital Storytelling	3
SWAN 486 Special Topics in Post Production Sound	3
SWAN 490 Advanced Film Production	3
SWAN 499 Independent Projects in Film and Digital Storytelling	3

THE MINORS IN SCREENWRITING AND ANIMATION

18 CREDITS

Screenwriting and Animation offers the following minors: (1) Screenwriting; (2) Screenwriting and Animation; (3) Computer Animation; (4) Cinematic Studies; (5) Film and Digital Storytelling; and (6) Comics and Graphic Novel Storytelling. (1) The Screenwriting minor emphasizes screenwriting for dramatic film, episodic television, documentaries, and corporate and non-broadcast media. (2) The Screenwriting and Animation minor is recommended for Fine Arts students more likely to meet the prerequisites for animation courses in the track. The minor in Screenwriting and Animation is recommended for Fine Arts majors with many of the prerequisites in art fulfilled so they can move directly into Animation classes and workshops. (3) The Computer Animation minor is recommended for Computer Science students more likely to meet the prerequisites for animation courses in the track. Computer Science and Electrical Engineering majors, with many of the prerequisites in computer science or computer engineering fulfilled, can move directly into Animation classes and workshops. (4) The Cinematic Studies minor includes a combination of courses that emphasize the critical evaluation of cinema through research, and film theory and analysis. (5) The Film and Digital Storytelling minor combines writing and hands-on production and editing of documentaries, oral histories, memoir, dramatic theory and analysis. (5) The Film and Digital Storytelling minor combines

writing and hands-on production and editing of documentaries, oral histories, memoir, dramatic shorts, and corporate and non-broadcast media. (6) The Comics and Graphic Novel Storytelling minor offers aspiring comics artists and writers opportunities to study the history of the graphic comic and comics scripting. The minor also gives students the opportunity to create original work for print or web-based publishing.

Special Note: Students may not use courses from the SWAN minors to simultaneously satisfy other requirements, including General Education requirements, requirements for their majors, requirements for another minor or the Liberal Arts Core.

CORE FOR THE SWAN MINOR
***IN (1) Screenwriting; (2) Screenwriting and Animation; (3) Computer Animation; (4) Cinematic Studies; or (5) Film and Digital Storytelling AREAS 18 CREDITS**

SWAN 230 Introduction to the Fundamentals of Film and Television Writing	3
SWAN 300 The Art and Language of Cinema	3
SWAN 320 Filmmaking I	3

Plus 3 approved courses taken from the above listed electives in a single area, either (1) Screenwriting; (2) Screenwriting and Animation; (3) Computer Animation; (4) Cinematic Studies; or (5) Film and Digital Storytelling.

6.1) COMICS AND GRAPHIC NOVEL STORYTELLING (ART) 18 CREDITS

The minor in Comics and Graphic Novel Storytelling (Art) offers students interested in careers as comics artists and/or illustrators opportunities to combine their training in drawing, graphic design and illustration with a three course SWAN sequence in the history of comics, comics magazine production and a special projects course leading to the production of an original graphic novel. This minor is recommended for students majoring in Fine Art. The Comics and Graphic Novel Storytelling (Art) minor requires a sequence of 18 credits with a grade of "C" or better in each course.

REQUIRED 18 CREDIT SEQUENCE
Students in this minor must take three (3) courses from Group A and 3 courses from Group B.

GROUP A
ART 209: Drawing I
ART 210: Drawing II
ART 282: Graphic Design I
ART 284: Computer Graphics I
ART 290: Basic Illustration
ART 382: Graphic Design II
ART 390: Intermediate Illustration
ART 482: Computer Graphics II
ART 490: Advanced Illustration

GROUP B
SWAN 241: The Art and History of the Graphic Comic
SWAN 341: Seminar in the Graphic Comic
SWAN 441: Special Projects in the Graphic Comic

6.2) COMICS AND GRAPHIC NOVEL STORYTELLING (SCRIPTING) 18 CREDITS
The minor in Comics and Graphic Novel Storytelling (Scripting) offers students interested in careers as comics artists and/or writers formal training in creative writing and sequential storytelling, the history of the graphic comic, the fundamentals of graphic design and magazine production, popular literature and mythology, and online publishing and distribution. This minor is an excellent program for students majoring in Fine Art, English and Screenwriting and Animation. The Comics and Graphic Novel Storytelling (Scripting) minor requires a sequence of 18 credits with a grade of "C" or better in each course.

Required Courses for Minor in Comics and Graphic Novel Storytelling (Scripting)
Students in this track must complete the following four (4) courses in Group A and two courses (2) from Group B. Although the course is not required, minors are recommended to take COMM 201: Fundamentals of Writing for Multiplatform Journalism.

GROUP A
ENGL 321: Introduction to Creative Writing
SWAN 241: The Art and History of the Graphic Comic
SWAN 341: Seminar in the Graphic Comic
SWAN 441: Special Projects in the Graphic Comic

GROUP B
BROA 328: Writing the Radio Documentary
BROA 348: Dramatic Writing for Video
ENGL 319: Twentieth-Century American Literature
ENGL 323: Creative Writing: Fiction
ENGL 333: Playwriting
ENGL 390: Comparative Mythology
ENGL 394: American Folklore
ENGL 395: African-American Folklore
ENGL 413: Studies in American Drama
SWAN 230: Fundamentals of Film and Television Writing
SWAN 335: Introduction to Screenwriting
SWAN 434: Advanced Screenwriting

ENGLISH HONORS COURSE OFFERINGS

ENGL 388 GREAT BOOKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Pre- requisite:** admission to the Departmental Honors Program.

ENGL 399 GREAT BOOKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I.

ENGL 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I and II.

ENGL 489 SENIOR HONORS THESIS II--*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I.

ENGLISH COURSE OFFERINGS

Grammar, Composition, and Language

ENGL 101 FRESHMAN COMPOSITION I—*Three hours lecture, or five hours lecture - Freshman studies sections; 3 credits.* This course is designed to develop the student's command of language as an instrument of learning and expression. It focuses on essay writing. Classes meet from three to five times a week. Students whose test performance demonstrates exceptional ability are exempt from the requirement of ENGL 101 and are permitted to enter ENGL 102. (FALL/SPRING).

ENGL 102 FRESHMAN COMPOSITION II–*Three hours lecture, or five hours lecture - Freshman studies sections; 3 credits.* This course is designed to develop the student's command of language as an instrument of learning and expression, and it focuses on research and writing the documented essay. Classes meet from three to five times a week. (FALL/SPRING).

ENGL 111 FRESHMAN COMPOSITION I—HONORS *Three hours lecture; 3 credits.* This course is designed to develop the student's command of language as an instrument of learning and expression. It focuses on essay writing. It also provides the student the opportunity for extensive reading and critical thinking in support of writing skills and for the application of knowledge and skills to problems and issues in contemporary society. This course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with departmental permission. (FALL/SPRING).

ENGL 112 FRESHMAN COMPOSITION II—HONORS *Three hours lecture; 3 credits.* This course is designed to develop the student's command of language as an instrument of learning and expression, and it focuses on research and writing the documented essay. It also provides the student the opportunity for extensive reading and critical thinking in support of research and writing skills and for the application of knowledge and skills to problems and issues in contemporary society. The course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with departmental permission or an "A" in ENGL 101. **Prerequisite:** ENGL 111 or 101 (with permission). (FALL/SPRING).

NOTE: *Students are not given credit for ENGL 101, ENGL 102, ENGL 111, or ENGL 112 until they have achieved at least a "C" grade in it. There is no limit to the number of semesters that students may re-register for ENGL 101-102.*

ENGL 200 ENHANCED SKILLS TRAINING IN WRITING—*Three hours lecture; 3 credits.* Designed for ROTC cadets, this course emphasizes effective military writing and enhances the skills honed in the required core courses. It includes instruction on writing and making informational and ceremonial speeches which are governed by time considerations and protocol. *Credits earned in this course do not count toward graduation.* (OFFERED AS NEEDED).

ENGL 250 VOCABULARY DEVELOPMENT—*Three hours; 3 credits.* This course is designed to give the student a solid foundation for life-long vocabulary development by acquainting him or her with the principles of word formation through an intensive study of the Latin and Greek roots, prefixes and suffixes which appear most commonly in English words. In addition, this course seeks to develop in the student an ability to make the fullest use of all the resources of the dictionary. **Prerequisites:** ENGL 101 and 102. (Formerly ENGL 222). (FALL/SPRING).

COLLEGE OF LIBERAL ARTS

ENGL 321 INTRODUCTION TO CREATIVE WRITING—*Three hours; 3 credits.* This is an introductory course in the formal techniques, approaches, concerns, and discipline of creative writing. It is open to sophomores, juniors and seniors who show an aptitude for such writing. **Students must take this course before enrolling in other courses in creative writing.** (Formerly ENGL 306). (FALL/SPRING)..

ENGL 322 CREATIVE WRITING: POETRY— *Three hours; 3 credits.* This course gives instruction and practice in the writing of poetry through the study of representative poems in various forms and through critical analysis of students' works. The student is expected to prepare a portfolio of works for submission to a publisher. **Prerequisite:** ENGL 321. (FALL).

ENGL 323 CREATIVE WRITING: FICTION— *Three hours; 3 credits.* This course gives instruction and practice in the writing of microfiction, full-length stories, novellas, and novels through the study of representative fiction and through critical analysis of students' works. **Prerequisite:** ENGL 321. (SPRING).

ENGL 333 PLAYWRITING—*Three hours lecture; 3 credits.* This course examines the techniques of dramatic composition, with emphasis on the one-act- script. Students must complete an original one-act script. **Prerequisite:** ENGL 321. (Formerly THEA 333). (SPRING/EVEN).

ENGL 350 WRITING PRACTICUM—*Three hours; 3 credits.* This course provides reinforcement for students who have completed the Freshman English-Humanities sequence, and it may be taken in lieu of the Writing Proficiency Examination. This course does not satisfy the Liberal Arts Core (LAC). **Prerequisites:** ENGL 101-102 and HUMA 201-202. (Formerly ENGL 301). (FALL/SPRING).

ENGL 352 INTERMEDIATE COMPOSITION— *Three hours; 3 credits.* This course provides students with extensive instruction on and practice in writing various types of prose compositions. Passing this course with a grade of "C" or higher satisfies the Writing Proficiency Requirement for graduation, but cannot simultaneously be used to satisfy any other university, college, or major requirement. (OFFERED AS NEEDED).

ENGL 353 ADVANCED GRAMMAR—*Three hours; 3 credits.* This course provides a systematic study of the conventions of spoken and written communication, including an analytical study of English grammar. (Formerly ENGL 401). (SPRING).

ENGL 354 ADVANCED COMPOSITION—*Three hours; 3 credits.* This course provides extensive practice in effective writing of various types of prose composition. Passing this course with a grade of "C" or higher satisfies the Writing Proficiency Requirement for graduation, but cannot simultaneously be used to satisfy any other university, college, or major requirement. (Formerly ENGL 303). (FALL/SPRING).

ENGL 355 TECHNICAL WRITING—*Three hours; 3 credits.* This course focuses on four forms of writing in research and scientific settings: research proposals, technical articles, reports, and instructional procedures. Students will make presentations using multimedia techniques. (Formerly ENGL 406). (OFFERED AS NEEDED).

ENGL 357 BUSINESS WRITING—*Three hours; 3 credits.* This course focuses on four forms of writing in the workplace: letters, memos, reports, and proposals. Students will incorporate graphics and multimedia techniques in their assignments. (FALL/SPRING).

ENGL 452 INTRODUCTION TO LINGUISTICS— *Three hours; 3 credits.* This course is an introduction to the study of the structure and the social functions of language. It focuses on sounds, morphemes, analyses of syntax, and the use of language in various social contexts. (OFFERED AS NEEDED).

ENGL 453 INTRODUCTION TO THE ENGLISH LANGUAGE—*Three hours; 3 credits.* This course is designed to increase the student's awareness of the English language as a dynamic, changing instrument of communication and to develop his or her understanding of modern English syntax, vocabulary, etymology, spelling, pronunciation and usage through a study of the various stages of the history of English. (formerly ENGL 420). (FALL).

ENGL 456 COGNITIVE AND LANGUAGE BEHAVIOR—*Three hours; 3 credits.* The purpose of this course is to integrate issues from the psychological and biological bases of language. Topics include language acquisition, language dysfunction, psycholinguistics and brain-related disorders. (OFFERED AS NEEDED).

ENGL 485 CREATIVE PROJECTS—*Three hours; 3 credits.* This workshop is designed for students to work on a major project in the novel, short story, essay, scriptwriting, technical document or mixed genre work. Each student works closely with an instructor. Admission by the consent of the Department Chairperson. (formerly ENGL 307). (OFFERED AS NEEDED).

LITERATURE

ENGL 201-202 SURVEY OF ENGLISH LITERATURE —*Six hours; 6 credits.* This course sequence is a survey of English literature from Beowulf to the present. Required of sophomores. (formerly ENGL 240-241). (ENGL 201-FALL; ENGL 202-SPRING).

ENGL 203-204 SURVEY OF AMERICAN LITERATURE—*Six hours; 6 credits.* This course sequence is a survey of American literature from the Colonial Period to the present. (formerly ENGL 300). (ENGL 203-FALL; ENGL 204-SPRING).

ENGL 304 LITERARY CRITICISM: THEORETICAL FOUNDATIONS—*Three hours; 3 cred- its.* This course aims to explore the theoretical foundations of literature in relation to function, style, methodology and evaluation. Although the history of criticism is not of primary concern, the major theories of the most significant literary critics, ancient and mod- ern, are examined and evaluated. Open to advanced juniors and seniors. (Formerly ENGL 435). (SPRING).

ENGL 309 CHAUCER—*Three hours; 3 credits.* This course offers an introduction to the language and writings of Chaucer. Emphasis will be placed on the variety of genres which are illustrated by the minor poems, and more particularly by the *Canterbury Tales*. (formerly ENGL 434). (OFFERED AS NEEDED).

ENGL 310 ENGLISH LITERATURE IN THE RENAISSANCE—*Three hours; 3 credits.* This is a study of the literature of the period against the background of the times. Spenser, Sidney and Jonson are given major emphasis. (formerly ENGL 423). (OFFERED AS NEEDED).

ENGL 311 MILTON—*Three hours; 3 credits.* This course offers an introduction to the writings of Milton. It will emphasize the variety of genres which are illustrated by the senior poems and more particularly by *Paradise Lost, Paradise Regained,* and *Samson Agonistes.* (OFFERED AS NEEDED).

ENGL 313 ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY—*Three hours; 3 credits.* This is a non-dramatics study of Milton, Dryden and other representative writers of the period. Attention is given to the development of prose and poetic excellence and its subsequent influence upon the style and technique of English writers. (formerly ENGL 427). (OFFERED AS NEEDED).

ENGL 314 ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY—*Three hours; 3 credits.* This course consists of readings in representative writers of the 18th century, with emphasis upon the development of 18th century classical and with some attention to pre-Romantic tendencies. (Formerly ENGL 428). (OFFERED AS NEEDED).

ENGL 315 THE ENGLISH ROMANTIC PERIOD—*Three hours; 3 credits.* This course consists of readings in the prose and poetry of Wordsworth, Coleridge, Scott, Byron, Keats and Shelley, with some attention to critical reactions to their works and to definitions of Romanticism. (Formerly ENGL 409). (OFFERED AS NEEDED).

ENGL 317 AMERICAN ROMANTIC LITERATURE—*Three hours; 3 credits.* This course considers major writers who flourished before the Civil War. Selections for in-depth study will be made from the following: Irving, Cooper, Emerson, Hawthorne, Poe, Thoreau, Douglass, Wilson and Whitman. (Formerly ENGL 429). (OFFERED AS NEEDED).

ENGL 318 AMERICAN REALISM AND NATURALISM—*Three hours; 3 credits*. This course is a continuation of ENGL 317 but not dependent upon it as a prerequisite. The course considers major writers whose works appear, for the most part, after the Civil War. Selection for in-depth study will be made from the following: Melville, Twain, Dickinson, Howells, Harper, Chesnutt and James. Regional writing, the beginning of realism, and humor will receive attention. (Formerly ENGL 430). (OFFERED AS NEEDED).

ENGL 319 TWENTIETH CENTURY AMERICAN LITERATURE—*Three hours; 3 credits.* This course is a broad study of American prose and poetry of the 20th century, emphasizing the main lines of development. (Formerly ENGL 411). (OFFERED AS NEEDED).

ENGL 330 THE TRADITIONAL BRITISH NOVEL—*Three hours; 3 credits.* This course is a survey of the development of the English novel from the eighteenth to the nineteenth century. It stresses an historical framework and diverse critical approaches and analyses of major novels by Richardson, Fielding, Sterne, Austen, Dickens, Thackeray, and the Brontes. (Formerly ENGL 413) (OFFERED AS NEEDED).

ENGL 331 THE MODERN BRITISH NOVEL—*Three hours; 3 credits.* This course examines closely the elements that shape the twentieth-century British novel, ranging from form and theme to theory and technique. Representative novels of the following authors are the focus of the study: Conrad, Lawrence, Joyce, Woolf, Forster, Greene, Huxley, Orwell, Golding and Naipaul. (OFFERED AS NEEDED).

ENGL 332 THE EUROPEAN NOVEL—*Three hours; 3 credits.* In this course the most significant novels of the following writers are studied: Balzac, Flaubert, Tolstoy, Dostoevsky and Mann. Emphasis is placed on the social as well as the aesthetic values of these works. (Formerly ENGL 414). (OFFERED AS NEEDED).

ENGL 340 SURVEY OF AFRICAN-AMERICAN LITERATURE—*Three hours; 3 credits.* This course is a survey of the African-American's contributions to American fiction, poetry, and drama. (formerly ENGL 312). (FALL/SPRING)

ENGL 341 AFRICAN LITERATURE—*Three hours;*

3 credits. This course covers forms of African literature such as myths, short stories, novels, poems, and drama. (formerly ENGL 470). (OFFERED AS NEEDED).

ENGL 342 THE AFRICAN-AMERICAN IN PROSE—*Three hours; 3 credits.* This course is devoted to selected fiction, drama, biography and essays by and about African-Americans. **Prerequisites:** HUMA 201-202. [formerly ENGL 415]. (OFFERED AS NEEDED).

ENGL 343 AFRICAN-AMERICAN POETRY— *Three hours; 3 credits.* Beginning with study of early African-American poets, such as Jupiter Hammon and Phyllis Wheatley, this course continues through the present- day poets with particular emphasis given to the poets of the Harlem Renaissance and the Revolutionary Six- ties and the Black Aesthetics of the 1990's. This course will examine the cultural, socio-political, and historical influences on the poetry. (OFFERED AS NEEDED).

ENGL 345 AFRICAN AMERICAN BIOGRAPHY AND AUTOBIOGRAPHY—*Three hours; 3 credits.* This course introduces students to African-American autobiographies and biographies. Students will have opportunities to focus on literary, historical, sociological, and psychological aspects of published autobiographies and biographies as well as to write their own autobiographies. (OFFERED AS NEEDED).

ENGL 346 INTRODUCTION TO CARIBBEAN LITERATURE—*Three hours; 3 credits.* This course gives an overview of literature of the Caribbean islands and South American nations fronting the Caribbean. It will focus on several cultures each semester and will include a study of socio-political and historical forces which shaped the literature. (OFFERED AS NEEDED).

ENGL 347 WOMEN WRITERS IN AFRICA AND THE DIASPORA—*Three hours; 3 credits.* This course focuses on the emergence of women writers in Africa and the Diaspora in the last one hundred years. It gives attention to the literary foremothers, such as Frances Harper, Zora Neale Hurston, Anne Petry, Paule Marshall, Toni Morrison, Audre Lorde, Maryse Condé, Merle Hodge, Nancy Morejon, Buchi Emecheta, Edwidge Danticat and others. These writers will be examined in the context of the historical, cultural, and socio-political milieu in which they wrote. (OFFERED AS NEEDED).

ENGL 381 SEMINAR IN LITERATURE—*Three hours; 3 credits.* This is a required course in literature for English majors. It focuses upon English, American and other works ordinarily neglected in the major sequence. This course is planned to provide for the student a more intensive study of these works and afford at the same time an integrated under- standing of literary history. (formerly ENGL 440). (FALL).

ENGL 384 SEMINAR IN SPECIAL TOPICS—*Three hours; 3 credits.* This course is designed to examine literary works from a variety of changing perspectives. These perspectives might include literature and medicine, literature and psychology, literature and technology, literature and the environment, literature and film, and other special topics of relevance to the humanities. (OFFERED AS NEEDED).

ENGL 390 COMPARATIVE MYTHOLOGY—*Three hours; 3 credits.* This course is a study of African, Asian, Germanic, Greek, and Roman mythology in terms of themes, archetypal patterns, perceptions of reality and truth, and narrative and dramatic uses. (OFFERED AS NEEDED).

ENGL 391 SACRED TEXTS—*Three hours; 3 credits.* This course studies sacred texts as works of literature. It focuses on the literary forms, mores, folkways, themes, and values of diverse cultural views as reflected in these sacred texts. (OFFERED AS NEEDED).

ENGL 393 STUDIES IN FOLKLORE—*Three hours; 3 credits.* This course introduces students to various folklore genres, including the folktale, legends and myths, riddles, proverbs, folk song, speech play, and other forms of oral poetics. The folklore of various world cultures will be the focus of this course, with emphasis on the comparative analysis of diverse cultural expressions. (OFFERED AS NEEDED).

ENGL 394 AMERICAN FOLKLORE—*Three hours; 3 credits.* This course focuses on American folklore genres, including the folktale, legends and myths, riddles, proverbs, folk songs, speech play, festivals, customs, folk beliefs, and vernacular architecture. The folklore of various American ethnic groups, including Native Americans, African- Americans, and immigrants from various cultures, and the cultural exchanges among these diverse cultural groups, will be emphasized. (OFFERED AS NEEDED).

ENGL 395 AFRICAN-AMERICAN FOLKLORE *— Three hours; 3 credits.* This course focuses on African-American folklore genres, including the folktale, trickster tales, legends and myths, riddles, proverbs, folk song, speech play, festivals, customs, folk beliefs, vernacular architecture, and other forms of oral and material folk traditions. There will be special emphasis on the connections of these cultural expressions to African traditions. (OFFERED AS NEEDED).

ENGL 410 NINETEENTH CENTURY PROSE— *Three hours; 3 credits.* This course consists of selected readings in major prose works of the 19th Century, against a background of the social and intellectual his- tory of the age, but with emphasis on literary values. (formerly ENGL 436) (OFFERED AS NEEDED).

ENGL 411 THE VICTORIAN POETS —*Three hours; 3 credits.* This course aims to present selected readings in the major poets of the period against the background of Victorian thought. (formerly ENGL 410). (OFFERED AS NEEDED).

ENGL 412 TWENTIETH CENTURY BRITISH LITERATURE—*Three hours; 3 credits.* This course is a study of the literary concepts, patterns, techniques, themes, and impact of twentieth century British literature. Among the authors studied are: Conrad, Yeats, Lawrence, Eliot, Auden, Joyce, Lessing, Shaw, Woolf, Greene, Waugh, C.L.R. James, and Achebe. (OFFERED AS NEEDED).

ENGL 413 STUDIES IN AMERICAN DRAMA —*Three hours; 3 credits.* This course consists of an intensive study of selected American plays including the works of African-American playwrights. (formerly ENGL 455) (OFFERED AS NEEDED)

ENGL 414 AMERICAN POETRY—*Three hours; 3 credits.* This course is concerned with theme, language, and form in American poetry, from Whitman to the present, with special emphasis upon African-American poets such as Dunbar, Johnson, Cullen, Hughes, and Baraka. (Formerly ENGL 445) (OFFERED AS NEEDED).

ENGL 418 INTRODUCTION TO SHAKE-SPEARE—*Three hours; 3 credits.* This course consists of lectures, readings and reports designed to impress upon the student the cultural, historical and philosophical significance of the works of Shakespeare in relation to modern living. The study includes *As You Like It, Hamlet, King Lear, Macbeth, The Merchant of Venice, Othello, Richard II, , A Midsummer Night's Dream*, and *Henry IV: Part One*. (formerly ENGL 433) (SPRING).

ENGL 433 THE AFRICAN-AMERICAN NOVEL—*Three hours; 3 credits.* This course is a study of the historical development of the African-American novel in terms of form and function. It gives the student an overview of the corpus of novels written by African-Americans and of critical theories that have governed and evolved from them. The course focuses on major African-American novelists: Chesnutt, Toomer, Hurston, Wright, Ellison, Baldwin, Morrison, Alice Walker, Naylor, and others. (OFFERED AS NEEDED).

ENGL 434 THE AMERICAN NOVEL—*Three hours; 3 credits.* This course begins with the works of Charles Brock- den Brown and traces the development of the American novel through the 20th century, with emphasis on contemporary novels. Phases for consideration are the Gothic romance, the historical novel, the novel of manners, the sentimental novel, the Rococo romance, the novel of social protest, psychological realism and naturalism and the blues presence in American literature. (OFFERED AS NEEDED).

ENGL 472 STUDIES IN WESTERN DRAMA—*Three hours; 3 credits.* This course traces the development of Western drama from its pre-Classical beginnings through 19th century romanticism by intensive study of selected works representing major cultural epochs. Corollary readings and research in the background and criticism are required. (formerly ENGL 450) (OFFERED AS NEEDED).

ENGL 473 LITERARY BIOGRAPHY AND AU-TOBIOGRAPHY—*Three hours; 3 credits.* This course enables the student to discuss and analyze some of the forms of biography and autobiography: standard biography and autobiography; journals; letters; diaries; oral biography; psycho-biography; autobiographical fiction and poetry; African-American literary biography and autobiography; feminist biography; experimental autobiography. (formerly ENGL 460) (OFFERED AS NEEDED).

ENGL 474 LITERATURE FOR ADOLESCENTS —*Three hours; 3 credits.* This course, designed for prospective teachers of secondary English, is devoted to a study of literature appropriate for high school students. This course is strongly recommended for a student seeking a certificate to teach English in the secondary schools. (formerly ENGL 451) (SPRING).

ENGL 475 WOMEN AND LITERATURE—*Three hours; 3 credits.* This course surveys and analyzes the writings of women in four genres: short narrative, essay, novel, and poetry. (OFFERED AS NEEDED).

ENGL 484 SEMINAR IN THE NOVEL—*Three hours; 3 credits.* This course is designed to facilitate the close study of the work of one novelist, who may be of any nationality, tradition, or literary period. The novelist will be selected by the faculty member conducting the seminar in a given semester. (OFFERED AS NEEDED).

ENGL 488 SENIOR PROJECT—*Three hours; 3 cred-its.* This course is designed to allow English majors to complete a work assignment that is supervised by either the English faculty or an agency approved by the English faculty. Depending on his/her focus, a student will be engaged in a research project, research assistantship, teaching apprenticeship, creative writing project, writing intern- ship, or electronic portfolio. (OFFERED AS NEEDED)SPRING.

ENGL 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and re- quires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

ENGL 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

DEVELOPMENTAL READING COURSE OFFERINGS

DVRD 101 DEVELOPMENTAL READING I—*Two hours; 2 credits.* In this course, students are taught how to improve some fundamental college reading and study skills, such as note-taking and test-taking. The course includes study techniques, dictionary use strategies and general comprehension. *Credits earned in this course do not count toward graduation.* (FALL/SPRING)

DVRD 102 DEVELOPMENTAL READING II — *Two hours; 2 credits.* This course is an advanced unit of reading instruction. Its focus is on improved textbook mastery in other subjects, vocabulary improvement, book review and research paper techniques, and speed reading strategies. *Credits earned in this course do not count toward graduation.* (OFFERED AS NEEDED).

DVRD 200 ENHANCED SKILLS TRAINING IN READING—*Three hours; 3 credits.* This course will focus on reading comprehension, vocabulary development and cognitive skills training. It will include in-depth attention to advanced reading skills, especially vocabulary and analytical reasoning. Credits earned in this course do not count toward graduation. *Credits earned in this course do not count toward graduation.* (OFFERED AS NEEDED).

HUMANITIES COURSE OFFERINGS

HUMA 201 INTRODUCTION TO HUMANITIES I—*Three hours; 3 credits.* This course offers an interdisciplinary study of the literature and philosophy of ancient and transitional Western, African, and Asian cultures, reinforced by experiences in music and art. **Prerequisites:** ENGL 101-102 or ENGL 111-112. (FALL/SPRING).

HUMA 202 INTRODUCTION TO HUMANITIES II—*Three hours; 3 credits.* This course offers an interdisciplinary study of the literature and philosophy of Western, African, African-American, and Asian cultures, reinforced by experiences in music and art. **Prerequisites:** ENGL 101- 102 or ENGL 111-112. (FALL/SPRING).

HUMA 211 INTRODUCTION TO HUMANITIES I—HONORS *Three hours; 3 credits.* This course offers an interdisciplinary study of the literature and philosophy of ancient and transitional Western, African, and Asian cultures, reinforced by experiences in music and art. It also provides the student the opportunity for extensive reading, critical thinking, research and writing experiences and for the application of knowledge and skills to problems and issues in contemporary society. This course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with departmental permission or an "A" in ENGL 102. **Prerequisite:** ENGL 111-112 or ENGL 101-102 (with permission). (FALL/ SPRING).

HUMA 212 INTRODUCTION TO HUMANITIES II—HONORS *Three hours; 3 credits.* This course offers an interdisciplinary study of the literature and philosophy of Western, African, African-American, and Asian cultures, reinforced by experiences in music and art. It also provides the student the opportunity for extensive reading, critical thinking, research and writing experiences and for the application of knowledge and skills to problems and issues in contemporary society. This course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with departmental permission or an "A" in ENGL 102. **Prerequisite:** ENGL 111-112 and HUMA 211 or 201 (with permission). (OFFERED AS NEEDED).

HUMA 301 CONTEMPORARY HUMANITIES— *Three hours; 3 credits.* This course focuses on contemporary aspects of the humanities, such as women's literature, literature and medicine, literature and art in the African Diaspora, etc. **Prerequisites:** ENGL 101-102. (FALL/SPRING).

HUMA 302 COMPARATIVE CULTURES AND THE BLACK EXPERIENCE I—*Three hours; 3 credits.* This course presents a survey of the contributions of and attitudes toward blacks in the Humanities from antiquity through Renaissance, 18th and 19th centuries. (OFFERED AS NEEDED)

HUMA 303 COMPARATIVE CULTURES AND THE BLACK EXPERIENCE II—*Three hours; 3 credits.* This course is a continuation of HUMA 302, but not dependent upon HUMA 302 as a prerequisite. The course presents the black experience in the Humanities in the 20th century, with an emphasis on urban development. (OFFERED AS NEEDED)

SCREENWRITING and ANIMATION COURSES

SWAN 101 INTRODUCTION TO CINEMATIC STORYTELLING—Three hours; 3 credits. This course is required for all Screenwriting and Animation majors.

The course introduces the academic study of visual storytelling as art form with an emphasis on cinematic literacy and film aesthetics through analysis from a number of critical perspectives in film and animation including: (1) composition (2) sound (3) cinematography and (4) narrative structure. Through lecture and screenings of films considered to be masterworks, students will utilize fundamentals of film theory in written analysis and essays on the art form. Cinematic art is linked to larger questions of culture production and artistic expression. (FALL).

SWAN 102 INTRODUCTION TO MASTERWORKS IN ANIMATON – Three hours lecture; 3 credits. This course surveys great film authors whose masterworks define movements and genres in both film and digital animation. Through lecture and screenings of films, students will analyze visual styles and techniques that characterize film form in animation. (OFFERED AS NEEDED).

SWAN 230 INTRODUCTION TO THE FUNDAMENTALS OF FILM AND TELEVISION WRITING – Three hours lecture; 3 credits. This course is required for all Screenwriting and Animation majors and minors. The course provides an in-depth introduction to the principles, theory, forms, and techniques of screen-writing for motion pictures and television. Surveys authors such as Aristotle, Campbell, Egri, Vogle, as an introduction to dramaturgy. By emphasizing the development of fundamental skills in dramatic structure, character development, narrative form, scene development, dialogue, locale, theme, and script format, the course prepares students for more advanced individual and collaborative work in writing feature length screenplays, sitcoms, episodic drama, and animation. **Prerequisite:** COMM 201, or permission of Instructor. (Formerly ENGL 264 Fundamentals of Writing for Film and Television). (FALL)

SWAN 235 Direct Film Animation — Two hours lecture, One hour lab; 3 credits. The course surveys experimental film and animation. Students use techniques such as "machima" and create "cameraless" narrative or non-narrative content –synch or non-synch or silent meditative gag oriented dramatic images and sound created in a range of ways including scratching on black film, drawing or painting on clear white film, working with found (exposed) film footage, and applying objects to the film. **Prerequisites:** SWAN 101, and COMM 201, or permission of Instructor. (OFFERED AS NEEDED).

SWAN 241 The Art and History of the Graphic Comic -– Three hours lecture; 3 credits. This course satisfies the history requirement for SWAN. The course introduces students to the comic as an art form with a history that spans over a century. Masterworks and their creators, as well as genres within the form, are examined through critical evaluations of comics and the industry behind them. Though emphasis is placed on the history of American comics, students will also study European and Japanese comics. (OFFERED AS NEEDED)

SWAN 300 The Art and Language of Cinema —Three hours lecture; 3 credits. The course introduces the academic study of cinema as a communicative art, with an emphasis on cinematic literacy and film aesthetics through analysis from a number of critical perspectives including: (1) mise-en-scène, (2) sound, (3) cinematography and (4) editing. Through lecture and screenings of films considered to be masterworks, students will utilize fundamentals of film theory in written analysis and essays on the art form. Research includes essays and collaborative multimedia projects. **Prerequisite:** SWAN 230, or permission of Instructor. (FALL/SPRING)

SWAN 301 Undergraduate Symposium – Three hours lecture; 3 credits. Structured forum for undergraduate majors to discuss curricular issues, meet with faculty, and have exposure to an array of guest speakers from within the film and entertainment industry. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 305 History of Animation – Three hours lecture; 3 credits. This course satisfies the history requirement for SWAN. The course surveys the history of animation with respect to the art form as a cultural and social artifact for entertainment and creative expression, from its earliest beginnings to current 3-D and VR immersion. (OFFERED AS NEEDED)

SWAN 310 Seminar in Film and Society – Three hours lecture; 3 credits. Through lecture and screenings, study of the ways film affects and is affected by social behavior, belief, and value systems, considered in relation to role of media in society and the role that story and mythology plays in culture. Research includes essays and collaborative multimedia projects. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 315 Film Appreciation – Three hours lecture; 3 credits. Through lecture and screenings this course will introduce students to masterworks in film across important genres or major eras of cinema. The course will also examine master films for their ability to tackle complex topics such as the treatment of race, class, and gender. Research includes essays and collaborative multimedia projects. Prerequisite: SWAN 101 or permission of Instructor. (Formerly ENGL 397) (OFFERED AS NEEDED)

SWAN 320 FILMMAKING I – Three hours lecture, one hour lab; 3 credits. This course is required of all Screenwriting and Animation majors and minors. The course introduces students to the fundamentals of film-making across the 3 major phases of (1) preproduction

(2) production and (3) post-production. Through instruction and applied practice, students will develop individual concepts and stories from the idea phase through pre- visualization and development as storyboards and scripts, then as produced concepts and exercises culminating in collaborative short films. The course will integrate theory and practice to emphasize the relation- ship of film genre to narrative form. Script breakdowns, schedules, call sheets, and other techniques and tools of organizing production will be introduced. **Prerequisite:** SWAN 230, or permission of Instructor. (FALL)

SWAN 325 FILM EDITING I – Three hours lecture, one hour lab; 3 credits. This course is required of all Screenwriting and Animation majors and minors. Introduction to the terminology and practical application of film editing techniques, how they have evolved and continue to evolve through new digital workflows. The course is devoted to the principles and theories applied in organizing audio and visual material into a cohesive narrative that tells a story. The course introduces students to the art of film editing and how it works to create cinematic storytelling through the sequencing and juxtaposition of shots and scenes. The course will examine the basics of film cutting and its theoretical underpinnings and relationship to film genre and narrative form. **Prerequisite:** SWAN 230, or permission of Instructor. (SPRING)

SWAN 330 FUNDAMENTALS OF CINEMATOGRAPHY – Three hours lecture, one hour lab; 3 credits. This course is an introduction to the art of cinematography requiring the study of theory and applied practice. Examines the expressive strategies used by cinematographers in the creation of the moving image art forms on location and on the studio stage. Students are required to interpret screenplays and pre-visualize their work with storyboards prior to production of scenes and sequences. Both individual and collaborative work is required to culminate with students applying various techniques of cinematic interpretation on an original short from the perspective of the Director of Photography. **Prerequisite:** SWAN 320, or permission of Instructor. (OFFERED **AS** NEEDED)

WAN 335 INTRODUCTION TO SCREENWRITING – Three hours lecture, one hour lab; 3 credits. This course is required of all Screenwriting and Animation majors. The course emphasizes the structural analysis of feature films and development of the professional screenwriter's vocabulary for constructing, deconstructing, and reconstructing their own work. Course requires lecture and screenings of films and selected sequences, and applied theory and practice. An original screenplay will be developed and written as a first draft. The course also examines the business of screenwriting. **Prerequisite:** SWAN 230, or permission of Instructor. (formerly ENGL 365—Introductory Screenwriting) (SPRING)

SWAN 336 Practicum in Animation Writing – Three hours lecture, one hour lab; 3 credits. This course concentrates on development, pre-visualization, and scripting of original concepts for animation as features, series, and shorts, while touching on the history of animation. The course incorporates a study of current practice in the industry and stresses the techniques and process of writing an original episode for a leading children's or adult animated series. **Prerequisite:** SWAN 230, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 337 INTRODUCTION TO FILM AND DIGITAL STORYTELLING – Three hours lecture, one- hour lab; 3 credits. Through lecture and lab, students are introduced to the changing landscape of innovative technologies expanding the meaning of filmmaking and visual storytelling from YouTube to Facebook, and e- games. Students are required to collaboratively produce stories merging prose, pictures, memoir, motion graphics, and animation for dissemination on the web as streaming media and interactive exhibits. **Prerequisite:** SWAN 320, or permission of Instructor. (SPRING)

SWAN 340 Seminar in the Episodic Comedy – Three hours lecture; 3 credits. This course concentrates on the half-hour episodic comedy. Emphasizing the nature of comedy and comedic techniques, it incorporates a study of current comedic practice in the industry and the creation of specs and original material for "live action" or animated situation comedy series. **Prerequisite:** SWAN 230, or permission of Instructor. (formerly ENGL 383—Practicum in Episodic Comedy) (FALL))

SWAN 341 SEMINAR IN THE GRAPHIC COMIC– Three hours lecture; 3 credits. This course concentrates on the form and production of the graphic comic. The course surveys the development of comics from pulp magazines and comic strips to their modern forms. Students in SWAN 341 study comics storytelling form through critical examination of published works and in-class discussions and readings of their own original work. The students also form a comic book studio and are required to conceptualize, write, illustrate, edit and publish several issues of a graphic comic magazine during the semester. **Prerequisite:** SWAN 230 and SWAN 241, or permission of Instructor. (SPRING)

SWAN 342 PRE-VISUAL & STORYBOARD DESIGN—Three hours lecture; 3 credits. This course concentrates on the art, form, and function of the motion picture storyboard in the development, previsualization, and budgeting of films and digital media, including e-games. The course introduces the tools and techniques of translating screenplays into storyboards as visual blueprints for planning and budgeting films. The storyboard will be examined as a collaborative outcome of the vision of a creative team led by the director that

captures the style and mood of a film before it is ever shot. Students will be required to create storyboards, and "animatics" merging 2-D and 3-D modeling and animation. **Prerequisite:** SWAN 230 and ART 210, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 345 ANIMATION WORKSHOP I—Three hours lecture, one hour lab; 3 credits. Introductory theory and fundamentals of animation through lecture/ screenings and production of a short animated film from concept, pre-visualization, and storyboards to production and post. Direct film, mixed media, clay, and twisted wire animation are surveyed. **Prerequisites:** ART 210 or COSC 112, & SWAN 320, or permission of Instructor.

SWAN 346 ANIMATION WORKSHOP II—Three hours lecture, one hour lab; 3 credits. Intermediate course in 2- D and 3-D computer based animation techniques. Students work on individual and collaborative projects in creating characters and story sequences and culminating in shorts integrating mixed media animation and live action. Prerequisite: SWAN 345 or permission of Instructor. (FALL/SPRING)

SWAN 347 LIGHTING FOR FILM AND DIGITAL MEDIA—Three hours lecture; 3 credits. Introduction to applied theory and practice in lighting techniques for film and digital media. The class surveys the use of lighting in cinema from early to contemporary films, and the role of the Director of Photography (DP). Students are required to analyze lighting set-ups and to complete individual and collaborative projects with an emphasis on lighting as an implement of storytelling. Creative lighting techniques covering topics such as people, environment, spatial relationships, movement, color, special effects and continuity. **Prerequisite:** SWAN 320, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 348 SOUND DESIGN FOR FILM AND ANIMATION—Three hours lecture; 3 credits. This course offers an introduction to applied theory and practice in audio recording techniques and sound design for film and digital media. The class surveys the use of sound in cinema from early talkies to contemporary films, and the art of sound design. Introduction to principles and practices of film and television sound recording and design, with supervised exercises in a workshop environment. Students are required to complete individual and collaborative field and sound stage projects. **Prerequisite:** SWAN 320, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 350 Black Film—Three hours lecture; 3 credits. This course satisfies the history requirement for SWAN. Through screenings and lecture, the course examines the historical and cultural significance of Black Film from silent to talkies, to current cinema. Students will study film genre, and apply critical tools for an understanding of how to evaluate film as a distinct art form. In distinguishing black commercial films from black independent films, the course will examine the role of authorship in creating black images that promulgate minstrelsy or break new ground in the treatment of complex topics such as race and gender. Research includes critical essays and collaborative multimedia projects in some sections. Prerequisite: SWAN 230, or permission of Instructor. (FALL/SPRING)

SWAN 351 Women in Film--Three hours lecture; 3 credits. This course uses the formal workings and aesthetics of film to examine the work of women filmmakers across genres including television series and documentaries. Through lecture and screenings, students are introduced to aspects of film and gender theory as it relates to portrayals of women in motion pictures and television. Race, class, and gender are also explored within the context of social and political issues handled by women producers, screenwriters, and directors. Research includes critical essays and collaborative multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 352 ANIMATION IN FILM—Three hours lecture; 3 credits. This course uses the formal workings and aesthetics of film to examine animation. Through lecture and screenings, students are introduced to masterworks of animation with respect to artistic techniques of storytelling. Portrayals of race, class, and gender are also explored from the earliest cartoons, to anime and new Disney and Pixar 3-D animated films. Research includes critical essays and collaborative multimedia projects in some sections. **Prerequisite:** SWAN 345, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 355 WORLD CINEMA—Three hours lecture; 3 credits. To begin an examination of world cinema, students will survey the development of film in Europe and America from 1895 forward. Through screenings and lecture, students will be introduced to the formal workings and aesthetics of film in world cinema including major movements such as German Expressionism, Italian neo- realism, the French new wave, and Third Cinema. Research includes critical essays and collaborative multimedia projects in some sections. **Prerequisite:** SWAN 230, or permission of Instructor. (SPRING)

SWAN 356 American Cinema—Three hours lecture; 3 credits. Through lecture and screenings of films considered to be American masterworks, students will utilize fundamentals of film theory in written analysis and critical essays on the art form across genres. Research includes collaborative multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 357 European Cinema—Three hours lecture; 3 credits. Through lecture and screenings of films considered to be European masterworks, students will utilize fundamentals of film theory in written analysis and critical essays on the art form across genres. Research includes multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 358 Asian Cinema—Three hours lecture; 3 credits. Through lecture and screenings of films considered to be masterworks, students will utilize fundamentals of film theory in written analysis and essays on the art form. The course will consider a specific genre such as the samurai, Asia Extreme, martial arts, war, horror, etc. Research includes critical essays and collaborative multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 359 Post-Colonial Cinema—Three hours lecture; 3 credits. Through lecture and screenings of films considered to be defining works of post-colonial cinema, students will utilize fundamentals of film theory in written analysis and critical essays on the art form across genres. Research includes collaborative multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 360 Latin American Cinema —Three hours lecture; 3 credits. Through lecture and screenings of films considered to be defining works of Latin American Cinema, students will utilize fundamentals of film theory in written analysis and critical essays on the art form across genres. Research includes collaborative multimedia projects in some sections. Prerequisite: SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 380 DIGITAL FILMMAKING II (INTERMEDIATE)—Three hours lecture; 3 credits. Students acquire understanding of practical and aesthetic challenges undertaken by artists and professionals in the making of motion pictures and digital media, including interactive entertainment and streaming web-based media. Examination of film as both art and industry: storytelling, sound and visual design, casting and performance, editing, finance, advertising, and distribution. Students further hone analytical skills and development of critical vocabulary for study of film and digital media as technical, artistic, and cultural phenomenon. **Prerequisites:** SWAN 230 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 385 FILM EDITING II—Three hours lecture, one hour lab; 3 credits. This intermediate course requires more complex film techniques and file based workflow management of both Final Cut Pro and Avid Media Com- poser projects. Students will be required to complete multiple projects requiring individual and collaborative work. The art of editing and its theories will be stressed in both narrative (dramatic) and non-narrative (documentary) storytelling. Students will also be introduced to "finishing" techniques using the Avid Nitris to prepare media deliverables in content formats meeting technical standards required by film, cable, and television outlets. **Prerequisite:** SWAN 325, or permission of Instructor.

SWAN 386 GAME ART AND DESIGN—Three hours lecture, one hour lab; 3 credits. This course introduces students to electronic game development from concept through scripting, and production. Game industry trends and practices are surveyed and students must create an original concept and develop it as a pitch concept with a game demo. **Prerequisite:** SWAN 345, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 387 FILM AND VISUAL STORYTELLING II —Three hours lecture, one hour lab; 3 credits. Through lecture and lab, this intermediate course will emphasize file-based workflow management of individual and collaborative projects merging prose, pictures, memoir, motion graphics, and animation. Students will be required to research, develop, and plan fieldwork as a class while broadening their vocabulary of innovative technologies expanding the meaning of filmmaking and visual story- telling. Projects for the course will emphasize a theme or issue that the class will use as the basis for creating a collection of stories to be disseminated via a website designed for the topic. **Prerequisite:** SWAN 337, or permission of Instructor. (OFFERED AS NEEDED)

SWAN 390 Special Topics in Producing — Three hours lecture; 3 credits. Topics in this seminar range from legal aspects of filmmaking to the producer's role in merging art and commerce in the entertainment industry. Overviews options, trade and craft union negotiations, music rights, product placement, licensing, development, finance, production, and distribution of feature films and multimedia entertainment such as electronic games. Includes applied approach to the evaluation and development of screenplays through writing coverage. Also considers the legal issues surrounding the making of documentaries and narrative films from original material and acquired sources such as literature, bios, and comics. Prerequisite: SWAN 320 or permission of Instructor. (OFFERED AS NEEDED).

SWAN 391 SPECIAL TOPICS IN WEB DESIGN—Three hours lecture, one hour lab; 3 credits. Seminar: Through lecture and lab, students will be introduced to a blend of theory and practice in web design. Topics range from the fundamentals of web design to content management system architecture, blogs, podcasts, web navigation, streaming media, and best practices in the evolving applications of new technologies to the Internet. The course will survey the legal landscape of intellectual

property laws and the governance of web policy in accordance with state and federal requirements. Students will be required to complete individual and collaborative assignments culminating in a client driven web project with designed-in objectives and outcomes. **Prerequisite:** SWAN 345 or permission of Instructor. (Offered As Needed)

SWAN 400 The Film and Entertainment Business — Three hours; 3 credits. This course examines the economic structures and business practices in contemporary Hollywood film and television industries. The course surveys studios and networks, their marketing and distribution systems, and their relationship to independent producers, talent, and distribution systems. Students must create a prospectus and business plan for an original film, television, or multimedia entertainment project. Prerequisite: SWAN 320 or permission of Instructor. (OFFERED AS NEEDED).

SWAN 405 Special Topics in Film Theory — Three hours; 3 credits. This course will survey contemporary film theory and criticism. Since the 1970s, film scholars have developed and modified a range of critical methods for the study of media texts: psychoanalysis, feminism, Marxism, cultural studies, queer theory, audience and star studies, post-colonialism, genre analysis, and many others. This course will examine those elements as well as the more recent scholarship in the context of our present cultural and critical landscape. May be repeated under different subtitles. Prerequisite: SWAN 300 or permission of Instructor. (OFFERED AS NEEDED).

SWAN 407 Special Topics in Film Genre — Three hours lecture; 3 credits. This course focuses on the study of a film style or genre or sub-genre, such as crime, film noir, Blaxploitation, the western, or the musical. The course will examine a specific genre through the aesthetics and film narrative form that defines a body of work associated with characteristics of storytelling. Topics can also include major movements in world cinema such as German Expressionism, Italian neo-realism, the French new wave, and Third Cinema. Students will utilize fundamentals of film theory in written analysis and critical essays of the art form across genres. Research includes multimedia projects in some sections. Prerequisite: SWAN 350 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 408 Special Topics in Film History – Three hours lecture; 3 credits. Lecture/screenings. Historical, critical, cultural, aesthetic, and social study of a specific country or national cinema covered over the semester. Topics include, American, European, Latin American, Caribbean, Asian, and African film considered as developing art forms and as ethnic, social, and cultural artifacts. Studies in selected historical movements such as expressionism, socialist realism, surrealism, neo-realism, New Wave, etc. Prerequisite: SWAN 300 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 410 Special Topics in Animation – Three hours lecture, one hour lab; 3 credits. Each workshop focuses on various software packages used by practitioners of animation and the problems and capabilities new technology brings to the creative expansion of the art. Topics include Maya, Z-Brush, Soft Image, 3-D Studio Max, Motion, Shake, Adobe After Effects, etc. The workshop allows the advanced student an opportunity for applied practice on individual or collaborative projects related to the subject of the course. The course features guest lecturers and field trips when possible. Prerequisite: SWAN 346 or permission of the Instructor. (OFFERED AS NEEDED)

SWAN 411 SPECIAL TOPICS IN CINEMATOGRAPHY AND PRODUCTION – Three hours lecture, one hour lab; 3 credits. Through lecture and lab, this course focuses on specialized production and technical approaches to cinematography as an extension of storytelling. Topics for the course range from green screen animation, directing and capturing action, wildlife and nature projects, travelogues, the environment, science, aerospace, engineering, medical topics, etc. The course integrates the advanced study of principles of digital cinematography, with emphasis on electronic exposure control, lighting, formats, cameras, and lenses. In addition to camera techniques, students will become familiar with jibs, camera dollies, and portable camera devices such as the "Steadicam." Students are required to complete individual and collaborative field exercises in specific topic areas culminating in applied theory and practice on projects ranging from documentary shorts, to web streams. The course also features guest lectures, screenings, and field trips. **Prerequisite:** SWAN 380 or permission of the Instructor. (OFFERED AS NEEDED)

SWAN 412 SPECIAL TOPICS IN POST-PRODUCTION AND VISUAL EFFECTS – Three hours lecture, one hour lab; 3 credits. Through lecture, studio work, and lab, this course focuses on special topics in post-production such as visual effects, film to digital post-production processes, finishing techniques with the Avid Nitris system, file based work flow management in Final Cut Pro and Media Composer, color correction, and other specialized areas of post that are fundamental to filmmaking. Students are required to complete individual and collaborative field assignments culminating in the "finishing" or polish of a project they bring to the class or the integration of visual effects. **Prerequisite:** SWAN 385 or permission of the Instructor. (OFFERED AS NEEDED)

SWAN 414 SPECIAL TOPICS IN GAME ART DESIGN AND INTERACTIVITY – Three hours lecture, one hour lab; 3 credits. Through lecture, studio work, and lab, this course focuses on special topics in game art and design and interactivity. This course provides students an opportunity to work closely with the

Instructor and guest lecturers on a major project in the development of an e-game and other interactive entertainment or informational multimedia. Topics include graphical user interfaces (GUIs) for games, electrical engineering architecture, computer programming for games, game aesthetics and art direction, character design, and narrative structure for games. **Prerequisite:** SWAN 346 or permission of the Instructor. (OFFERED AS NEEDED)

SWAN 415 Special Topics in Children's Programming – Three hours lecture; 3 credits. Through guest lectures, studio work, and lab, this course focuses on special topics in children's programming for cable and television. Topics will range from creating children's shows to directing them, and provide important guidelines in the motion picture and television business for working on the set with children. The course will also examine the popularity of children's books as a source for film adaptations and multimedia entertainment. (OFFERED AS NEEDED)

SWAN 425 Factual and Fictional AdaptatioN – Three hours lecture; 3 credits. Through readings, screenings, and applied theory, the course contrasts literary and visual storytelling forms for an understanding of why literature and even theatre resist film. The course introduces film narrative structure as a temporal form that often requires the condensation and compression of novels, or the expansion of short stories and graphic comics into movies. Students are required to adapt their own original work from literature or other artistic forms to a short screenplay. Prerequisite: SWAN 335 or permission of Instructor. (OFFERED AS NEED)

SWAN 430 Seminar in One-Hour Drama – Three hours lecture; 3 credits. Exploring both theory and practice in the one-hour dramatic teleplay, this course focuses on significant one-hour sub-genres and the specific challenges inherent in writing episodic drama, stresses analysis and evaluation of current programming in the one-hour dramatic series, and concentrates on developing a spec script or original material for a one-hour dramatic series. Prerequisite: SWAN 335, or permission of Instructor. (FALL OR SPRING).

SWAN 431 Developing Dramatic Series – Three hours lecture; 3 credits. Through screening and lecture, students analyze the structure of one-hour episodes of dramatic series for cable and broadcast, and learn the techniques and phases of developing an original series. The course also examines contemporary industry production trends and business practices for freelance screenwriters and producers. Students are required to develop original show concepts and pitches for review and feedback, culminating in a draft pilot script and outline of a series bible by each student. Prerequisite: SWAN 335 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 432 Developing Comedy Series – Three hours lecture; 3 credits. This course surveys basic tenets and analysis of television comedy shows and contemporary industry production and business practices. Students are required to develop original show concepts and pitch them for review and feedback by class members, the instructor, and guests. The course culminates in the development of a pilot episode and the outline of a series bible by each student. Prerequisite: SWAN 335 or permission of the Instructor. (OFFERED AS NEEDED)

SWAN 434 Advanced Screenwriting – Three hours lecture; 3 credits. This course stresses the refinement of screenwriting and scriptwriting skills and extends the student's study to include sub-genres such as dramatic shorts, literary adaptation, television and cable movies, docudrama, feature-length animation, and/or children's educational/dramatic shows. The course requires the creation of a full-length screenplay or original scripts and incorporates filmmaking techniques in the collaborative production of class projects on digital video. **Prerequisite:** SWAN 335 or permission of the Instructor. (Formerly ENGL 468 — Advanced Writing for Film and Television) (SPRING)

SWAN 436 Advanced Animation Writing – Three hours lecture; 3 credits. This is an advanced animation course designed for experienced animation students who are well versed in concepts and technical basics. The course challenges students to embark on animation projects that allow them more discretion regarding theme, topic, tools, and techniques employed. Class discussions focus more on trouble-shooting - while applying advanced techniques - than on lecturing about traditional animation methods. Prerequisites: SWAN 335 or SWAN 336. (OFFERED AS NEEDED)

SWAN 438 FILM AND DIGITAL STORYTELLING STUDIO (ADVANCED) – Three hours lecture, one hour lab; 3 credits. Workshop providing students opportunities to rehearse, perform, and evaluate scenes. Three different production styles to which performers may need to adjust are: (1) preproduction rehearsals with director (2) single- camera experience, and (3) multiple camera experience. Draws from array of historical examples, examination of many expressive strategies useable in the creation of moving image art forms. Unifying theory and practice, presentation of approach to viewing great films of past that empowers filmmakers to use sound and images to tell stories. Focus on strategic decision making in areas of writing, design, cinematography, editing, sound, and performance to enable filmmakers to discover their own personal style in telling stories on the screen. **Prerequisite:** SWAN 320 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 441 SPECIAL PROJECTS IN THE GRAPHIC COMIC – Three hours lecture, one hour lab; 3 credits. This senior-level course requires students to create and publish an independent, long-form graphic

novel in consultation with a faculty advisor. Students will also read and review several examples of classic and contemporary long-form graphic fiction. **Prerequisite:** SWAN 341 or Permission of Instructor. (OFFEREDAS NEEDED)

SWAN 450 Social Issues in the Contemporary Documentary – Three hours lecture, 1 hour lab; 3 credits. This course introduces students to contemporary debates in documentary through screenings and readings. The course allows students to develop skills in critically analyzing documentaries and encourages the development of research and scriptwriting skills for documentary. Students develop a documentary idea through research to treatment or first draft stage and/or produce critical analyses of documentaries. Prerequisite: SWAN 300 or permission of Instructor. (FALL OR SPRING)

SWAN 455 WRITING AND PRODUCING THE DOCUMENTARY – Three hours lecture, one hour lab; 3 credits. Film theory, form, and aesthetics are used as the foundation for introducing the documentary as a genre. The course surveys documentary masterworks and the techniques and ethical challenges of the form. The class will screen and discuss selected documentaries and instruction in various production skills necessary to create them. Students are required to complete a series of exercises from conceptualization through post production, culminating in production of a short

SWAN 456 CORPORATE FILM AND VIDEO – Three hours lecture, one hour lab; 3 credits. This course focuses on the techniques, objectives, and procedures of researching, writing, and producing film, video and web based digital media for business, government, education, and non-profits. The course emphasizes the storytelling process from research and development to production and delivery. The course blends applied practice and lecture and requires field production of client driven projects. **Prerequisite:** SWAN 320 or permission of Instructor. (formerly ENGL 458 —Film and Digital Media for Business) (FALL)

SWAN 457 WRITING & PRODUCING THE SHORT FILM – Three hours lecture, one hour lab; 3 credits. This course will require the writing, development and production of a short digital film. Stu dents will write original scripts that they will direct and produce as short films thereby broadening their perspective of the filmmaking process as a whole. Emphasis is put on creating viable scripts for translation as written material to the screen incorporating narrative structure and the cinematic language of visual storytelling within the short form. **Prerequisite:** SWAN 320 or permission of Instructor. (SPRING)

SWAN 465 ADVANCED DIGITAL FILM EDITING – Three hours lecture, one hour lab; 3 credits. Lecture and lab requiring the submission of a rough cut of an existing project or a proposal to edit work of another director. Applied practice in advanced organization and operation of the post-production process with file based workflow and indexing of data and metadata. Students may propose to edit a significant scene given to them by the instructor. **Prerequisite:** SWAN 385 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 469 INTERNSHIP I (FILM/TV/DIGITAL STORYTELLING) – Nine hours; 3 credits. Places students in supervised environments where professional practices and issues are related to film and digital storytelling, including animation and gaming. This course introduces the student to the professional world of film and television. It offers the student experience in any of the aspects of research, publicity, production and writing for television or film by working in a supervised capacity at an approved television station, film location, or government agency, especially those dedicated to film, television, corporate communications or the arts. **Prerequisite:** Majors and minors with Junior or Senior standing, and permission of instructor. (Formerly ENGL 469—Internship in Writing for Film and Television I) (FALL/SPRING)

SWAN 470 Internship II (Film/TV/Digital Storytelling) – Nine hours; 3 credits. This course continues the student's experience in the professional world of film and television. It offers the student experience in any of the aspects of research and pre-production, writing and development, publicity, production, and post-production in a supervised capacity in film and TV. This includes indie film and documentaries, diversified film and entertainment companies, broadcasters, corporate, non-profit and government agencies (especially those dedicated to film, television, or the arts). Prerequisite: SWAN 469 and permission of Instructor. (FALL/SPRING)

SWAN 472 INSTRUCTIONAL DESIGN FOR ELECTRONIC MEDIA– Three hours lecture, one hour lab; 3 credits. This course will focus on techniques used by training specialists and instructional designers for the formation of curriculum and pedagogy using multimedia applications. Students are required to integrate their studies of theory into the applied practice and hands-on experience of developing and producing instructional modules for business and industry as multimedia deliverables with designed-in objectives and outcomes. Macromedia Director and the Adobe Creative Suite will be among the software packages used in this class. **Prerequisite:** SWAN 456 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 480 CHARACTER DESIGN AND AN IMATION – Three hours lecture, one hour lab; 3 credits. This course focuses on character design in 2- D and 3-D animation utilizing the fundamentals and techniques of character modeling. Students are required to create and design characters for a scenes, sequences,

and shorts utilizing software such as Soft Image, Z-Brush, and other animation programs. Some classes will also emphasize clay and twisted wire modeling of characters. **Prerequisite:** SWAN 410 or permission of Instructor. (OFFEERED AS NEEDED)

SWAN 485 CREATIVE PROJECTS – Three hours lecture, one hour lab; 3 credits. This workshop is designed for students to work individually and collaboratively on a major project in film or digital multimedia, including scripts, e-game sequences, animation, kiosk display, virtual tour, short film, mixed media, documentary, animation, graphic comics, and corporate and informational media. Each student works closely with an instructor. Admission requires junior or senior standing and the consent of the SWAN coordinator. **Prerequisite:** Permission of SWAN Coordinator. (FALL/SPRING)

SWAN 487 SEMINAR IN THE ONE-HOUR DRAMA—Three hours; 3 credits. Exploring both theory and practice in the one-hour dramatic teleplay, this course delineates significant one-hour sub-genres from array of historical examples, examination of many expressive strategies useable in the creation of moving image art forms. Unifying theory and practice, presentation of approach to viewing great films of past that empowers filmmakers to use sound and images to tell stories. Focus on strategic decisions making in areas of writing, design, cinematography, editing, sound, and performance to enable filmmakers to discover their own personal style in telling stories on the screen. **Prerequisite:** SWAN 411 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 490 ADVANCED FILM PRODUCTION – Two hours lecture, two hours lab; 3 credits. Workshop providing students opportunities to rehearse, perform, and evaluate scenes. Three different production styles to which performers may need to adjust are: (1) preproduction rehearsals with director (2) single- camera experience, and (3) multiple camera experience. Draws from array of historical examples, examination of many expressive strategies useable in the creation of moving image art forms. Unifying theory and practice, presentation of approach to viewing great films of past that empowers filmmakers to use sound and images to tell stories. Focus on strategic decisions making in areas of writing, design, cinematography, editing, sound, and performance to enable filmmakers to discover their own personal style in telling stories on the screen. Prerequisite: SWAN 411 or permission of Instructor. (OFFERED AS NEEDED)

SWAN 495 SENIOR STUDIO PROJECTS I – Two hours lecture, two hours lab; 3 credits. This is a cumulative two-part course where students will integrate aspects from their studies of the previous three years. Students will use this semester to create one of the following: a 3D animated film; a 2D animated film; an Experimental Animation film (Stop Motion, mixture of 2D and 3D animation) or a fully Interactive/ Informative Media project. Students will produce all preproduction work including proposal, story-boards and animatics. Students will also produce all post-production work including editing, sound mixing and final delivery format (CD, VHS, and/or DVD) prior to a film screening. **Prerequisite:** Senior standing and SWAN 411, or senior standing and permission of Instructor. (FALL)

SWAN 496 SENIOR STUDIO PROJECTS II – Two hours lecture, two hours lab; 3 credits. This is a cumulative two-part course in which students will integrate aspects from their studies of the previous three years. Students will use this semester to create one of the following: a 3D animated film; a 2D animated film; an Experimental Animation film (Stop Motion, mixture of 2D and 3D animation) or a fully Interactive/Informative Media project. Students will produce all pre-production work including proposal, storyboards and animatics. Students will also produce all post-production work including editing, sound mixing and final delivery format (CD, VHS, and /or DVD) prior to a film screening. **Prerequisites:** Senior standing and permission of Instructor. (SPRING)

SWAN 497 Directed Research in Film Studies – Three hours; 3 credits. SWAN 497 offers intensive exploration and analysis of a specific area of film study, allowing students to concentrate their studies in an upper-level course. Depending on faculty research interests and student demand, this course may cover genres, periods, directors, and other cinematic conceptual frameworks. Majors and minors engage in supervised individual research or investigation under guidance of faculty mentor. Culminating paper or project required. Prerequisites: Senior standing and permission of Instructor. (FALL/SPRING)

SWAN 499 INDEPENDENT PROJECTS IN FILM AND DIGITAL STORYTELLING – Three hours; 3 credits. Intensive study of one of the following problems under the supervision of a faculty adviser: program evaluation, scriptwriting, production, programming, film and cinema studies. A comprehensive research paper and/or project is required. **Prerequisites:** Senior standing and permission of Instructor. (FALL/SPRING)

MORGAN STATE UNIVERSITY Department of English and Language Arts
ENGLISH MAJOR—Track #1: Literature and Language
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXXX – MQ – General Education Req.*	4
PHEC XXX Physical Education	1
XXX 203 Foreign Language	3
	15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – CT – General Education Req.*	3
XXXX – BP – General Education Req.*	3
XXX 204 Foreign Language	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

ENGL 201 Survey of English Lit. I	3
ENGL 203 Survey of American Lit. I	3
HUMA 201 Intro. to Humanities I*	3
XXXX – BP – General Education Req.*	4
XXXX – HH – General Education Req.*	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

ENGL 202 Survey of English Lit. II	3
ENGL 204 Survey of American Lit. II	3
XXXX – AH – General Education Req.*	3
ENGL 340 Survey of African-American Lit.	3
XXXX – IM – General Education Req.*	3
	15

JUNIOR YEAR (FIRST SEMESTER)

ENGLXXX Department Elective	3
ENGL 354 Advanced Composition	3
ENGL 453 Intro. to English Language	3
XXX Free Elective	3
ENGL XXX Group 1 Elective	3
	15

JUNIOR YEAR (SECOND SEMESTER)

XXXX – CI – General Education Req*	3
ENGL 418 Introduction to Shakespeare	3
ENGL 304 Literary Criticism	3
ENGL XXX Group 1 Elective	3
XXX LIBERAL ARTS CORE	3
	15

SENIOR YEAR (FIRST SEMESTER)

ENGL 381 Seminar in Literature	3
ENGL XXX Group 2 Elective	3
ENGL XXX Group 3 Elective	3
XXX LIBERAL ARTS CORE	3
XXX Free Elective	3
	15

SENIOR YEAR (SECOND SEMESTER)

ENGL XXX Group 2 Elective	3
ENGL XXX Group 4 Elective	3
ENGL XXX Group 4 Elective	3
XXX Free Elective	3
XXX Free Elective	2
	14

TOTAL CREDITS 120

***See General Education requirements for eligible courses. Humanities Requirement:** All English majors must complete either HUMA 201 or 202 (or one of the Honors sections, HUMA 211 or 212) as part of their General Education Requirements. The prerequisite for enrollment in the Humanities Program is completion of ENGL 101-102 or 111-112.

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINA- TIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMIN- ISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY Department of English and Language Arts
ENGLISH MAJOR—Track #2: Creative Writing
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXXX – MQ – General Education Req.*	4
XXX 203 Foreign Language	3
PHEC XXX Physical Education	1
	15

SOPHOMORE YEAR (FIRST SEMESTER)

ENGL 201 Survey of English Lit. I	3
ENGL 203 Survey of American Lit. I	3
HUMA 201 Intro. to Humanities I*	3
XXXX – BP – General Education Req.*	4
ENGL 321 Intro. to Creative Writing	3
	16

JUNIOR YEAR (FIRST SEMESTER)

XXXX – CI – General Education Req*	3
ENGL XXX Group 1 or 2 Elective	3
XXX LIBERAL ARTS CORE	3
XXX Free Elective	3
ENGL 322 Creative Writing: Poetry	3
	15

SENIOR YEAR (FIRST SEMESTER)

ENGL 453 Intro. to English Language	3
ENGL XXX Department Elective	3
ENGL XXX Group 4 Elective	3
XXX LIBERAL ARTS CORE	3
	12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – BP – General Education Req.*	3
XXX 204 Foreign Language	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

ENGL 202 Survey of English Lit. II	3
ENGL 204 Survey of American Lit. II	3
XXXX – AH – General Education Req.*	3
ENGL 340 Survey of African-American Lit.	3
XXXX – IM – General Education Req.*	3
	15

JUNIOR YEAR (SECOND SEMESTER)

XXXX – CT – General Education Req.*	3ENGL
304 Literary Criticism	3
ENGL 353 Advanced Grammar	3
ENGL 333 Playwriting	3
ENGL 418 Introduction to Shakespeare	3
XXX LIBERAL ARTS CORE	3
	18

SENIOR YEAR (SECOND SEMESTER)

ENGL 485 Creative Projects	3
ENGL XXX Group 4 Elective	3
XXX Free Elective	3
XXX Free Elective	3
XXX Free Elective	2
	14

TOTAL CREDITS **120**

***See General Education requirements for eligible courses. Humanities Requirement:** All English majors must complete either HUMA 201 or 202 (or one of the Honors sections, HUMA 211 or 212) as part of their General Education Requirements. The prerequisite for enrollment in the Humanities Program is completion of ENGL 101-102 or 111-112..

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINA- TIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMIN- ISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY Department of English and Language Arts
ENGLISH MAJOR—Track #3: Language Arts
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXX 203 Foreign Language	3
PHEC XXX Physical Education	1
	14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXX Free Elective	3
XXXX – BP – General Education Req.*	3
XXX 204 Foreign Language	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

ENGL 201 Survey of English Lit. I	3
ENGL 203 Survey of American Lit. I	3
HUMA 201 Intro. to Humanities I* (AH)	3
XXXX – BP – General Education Req.*	4
XXXX – IM – General Education Req.*	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

ENGL 202 Survey of English Lit. II	3
ENGL 204 Survey of American Lit. II	3
XXXX – AH – General Education Req.*	3
ENGL 340 Survey of African-American Lit.	3
XXXX – HH – General Education Req.*	3
	15

JUNIOR YEAR (FIRST SEMESTER)

XXXX – CT – General Education Req.*	3
ENGL XXX Group 3 Elective	3
ENGL XXX Group 1 or 2 Elective	3
ENGL XXX Group 1 or 2 Elective	3
XXXX – MQ – General Education Req.*	4
	16

JUNIOR YEAR (SECOND SEMESTER)

ENGL 354 Advanced Composition	3
ENGL 418 Introduction to Shakespeare	3
ENGL 304 Literary Criticism	3
ENGL 353 Advanced Grammar	3
XXXX – CI – General Education Req*	3
	15

SENIOR YEAR (FIRST SEMESTER)

ENGL 453 Intro. to English Language	3
XXX Free Elective	3
XXX LIBERAL ARTS CORE	3
SPCH312 Organizational Communication	3
ENGL XXX Group 4 Elective	3
	15

SENIOR YEAR (SECOND SEMESTER)

ENGL 474 Literature for Adolescents	3
XXX LIBERAL ARTS CORE	3
XXX Free Elective	3
XXX Free Elective	2
XXX Free Elective	3
	14

TOTAL CREDITS 120

***Teacher Certification requires additional credit hours. See School of Education and Urban Studies.**
****See General Education requirements for eligible courses.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY Department of English and Language Arts
ENGLISH MAJOR—Track #4: Pre-Law SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
Math 110 Algebra Functions, Analytic Geometry (MQ) -	3
PHEC XXX Physical Education	1
XXX 203 Foreign Language	3
	14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – CT – General Education Req.*	3
XXXX – BP – General Education Req.*	3
XXX 204 Foreign Language	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

ENGL 201 Survey of English Lit. I	3
OR	
ENGL 202 Survey of English Lit. I I	3
ENGL 250 Vocabulary Development	3
HUMA 201 Intro. to Humanities I* (AH)	3
XXXX – BP – General Education Req.*	4
XXXX – HH – General Education Req.*	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

ENGL 203 SURV. AM. LIT I	3
OR	
ENGL 204 SURV. AM. LIT II	
HIST 336 HISTORY OF AMER. LAW	3
XXXX – AH – General Education Req.*	3
XXX FREE ELECTIVE	3
XXXX – IM – General Education Req.*	3
	15

JUNIOR YEAR (FIRST SEMESTER)

XXXX – CI – General Education Req*	3
ENGL 354 ADVANCED COMP	3
LATN 101 ELEM. LATIN I	3
SPCH 201 ARGUMENTATION & ADV.	3
	12

JUNIOR YEAR (SECOND SEMESTER)

ENGL 340 SURVEY OF AF- AMER LIT I	3
PHL 302 CRITICAL THINKING	3
ENGL 304 LITERARY CRITICISM	3
LATN 102 ELEM LATIN II	3
ENGL 353 ADVANCED GRAMMAR	3
15	

SENIOR YEAR (FIRST SEMESTER)

PHIL 343 PHILOSOPHY OF LAW	3
POSC 390 SEM. PRACTICE OF LAW	3
SOCI 308 CRIMINOLOGY	3
HIST 227 AMER CONST. HISTORY	3
ENGL XXX APPROVED DEPT ELECT.	3
ENGL XXX APPROVED DEPT ELECT.	3
	18

SENIOR YEAR (SECOND SEMESTER)

POSC 415 AMER. CONSTITU. LAW	3
ENGL 452 INTRO. TO LINGUISTICS	3
ENGL 488 SENIOR PROJECTS	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	3
15	

TOTAL CREDITS: 120

*See General Education requirements for eligible courses.

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
BACHELOR OF ARTS DEGREE (B.A.) or BACHELOR OF FINE ARTS DEGREE (BFA)
SCREENWRITING AND ANIMATION
COMPUTER ANIMATION TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR [FIRST SEMESTER]

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXXX – MQ – General Education Req.*	4
PHEC XXX Physical Education	1
SWAN 101 Intro. to Cinematic Storytelling	3
	15

FRESHMAN YEAR [SECOND SEMESTER]

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – BP – General Education Req.*	4
COMM 201 Writing for Multiplatform Jour.	3
	16

SOPHOMORE YEAR [FIRST SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – BP – General Education Req.*	3
MMJN 406 Advanced Editing	3
XXXX – IM – General Education Req.*	3
SWAN 230 Fund. Film/TV Writing	3
	15

SOPHOMORE YEAR [SECOND SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – CI – General Education Req*	3
XXXX – CT – General Education Req.*	3
COSC 111 Intro Computer Science I	4
HIST 425 History of American Movies	3
	16

JUNIOR YEAR [FIRST SEMESTER]

SWAN 320 Filmmaking I	3
SWAN 325 Film Editing I	3
COSC 112 Intro Computer Science II	4
SWAN 345 Animation Workshop I	3
	16

JUNIOR YEAR [SECOND SEMESTER]

XXX LIBERAL ARTS CORE	3
SWAN XXX Approved Elective	3
SWAN 346 Animation Workshop II	3
XXX Free Elective	3
SWAN 350 Black Film	3
	15

SENIOR YEAR [FIRST SEMESTER]

XXX LIBERAL ARTS CORE	3
SWAN 469 Internship I	3
SWAN 495 Senior Studio I	3
XXX Free Elective	3
XXX 203 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective [B.F.A.]	3
	15

SENIOR YEAR [SECOND SEMESTER]

SWAN 496 Senior Studio II	3
SWAN XXX Approved Elective	3
XXX 204 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective [B.F.A.]	3
	12

TOTAL CREDIT HOURS 120

*See General Education requirements for eligible courses.
**Two sequential courses in a single foreign language. B.F.A. students are required to complete six credits of approved SWAN elective practical studio courses as a substitution for the foreign language requirement.
***See Film History/Culture Options under Core Requirements.

NOTE: In addition to the courses in the above curriculum sequence, passing scores are required on the following examinations: 1) Speech Proficiency Examination, and 2) Writing Proficiency Examination. The Senior Proficiency Examination for SWAN comprises 30 per-cent of the major's grade in SWAN 495 (Senior Studio I), and without a passing grade in the course, the student will not meet the requirements for a passing score.

MORGAN STATE UNIVERSITY
BACHELOR OF ARTS DEGREE (B.A.) or BACHELOR OF FINE ARTS DEGREE (BFA)
SCREENWRITING AND ANIMATION
FILM AND TELEVISION WRITING TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR [FIRST SEMESTER]

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXXX – MQ – General Education Req.*	4
PHEC XXX Physical Education	1
SWAN 101 Intro. to Cinematic Storytelling	3
	15

FRESHMAN YEAR [SECOND SEMESTER]

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – BP – General Education Req.*	4
COMM 201 Writing for Multiplatform Jour.	3
	16

SOPHOMORE YEAR [FIRST SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – BP – General Education Req.*	3
MMJN 406 Advanced Editing	3
XXXX – IM – General Education Req.*	3
SWAN 230 Fund. Film/TV Writing	3
	15

SOPHOMORE YEAR [SECOND SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – CI – General Education Req*	3
XXXX – CT – General Education Req.*	3
SWAN 335 Intro Screenwriting	3
HIST 425 History of American Movies	3
	15

JUNIOR YEAR [FIRST SEMESTER]

SWAN 340 Pract. Episodic Comedy	3
SWAN 320 Filmmaking I	3
SWAN 325 Film Editing II	3
XXX 203 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective [B.F.A.]	3
	15

JUNIOR YEAR [SECOND SEMESTER]

SWAN 350 Black Film	3
SWAN 434 Advanced Screenwriting	3
SWAN XXX Track Elective	3
XXX Free Elective	3
XXX 204 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective [B.F.A.]	3
	15

SENIOR YEAR [FIRST SEMESTER]

XXX LIBERAL ARTS CORE	3
SWAN 469 Internship I	3
SWAN XXX Track Elective	3
SWAN 495 Senior Studio I	3
SWAN 430 Seminar in One-Hour Drama	3
	15

SENIOR YEAR [SECOND SEMESTER]

SWAN 496 Senior Studio II	3
SWAN 455 Producing/Writing Docum.	3
XXX LIBERAL ARTS CORE	3
XXX Free Elective	3
XXX Free Elective	2
	14

TOTAL CREDIT HOURS 120

*See General Education requirements for eligible courses.
**Two sequential courses in a single foreign language. B.F.A. students are required to complete six credits of approved SWAN elective practical studio courses as a substitution for the foreign language requirement.
***See Film History/Culture Options under Core Requirements.

NOTE: In addition to the courses in the above curriculum sequence, passing scores are required on the following examinations: 1) Speech Proficiency Examination, and 2) Writing Proficiency Examination. The Senior Proficiency Examination for SWAN comprises 30 per-cent of the major's grade in SWAN 495 (Senior Studio I), and without a passing grade in the course, the student will not meet the requirements for a passing score.

MORGAN STATE UNIVERSITY
BACHELOR OF ARTS DEGREE (B.A.) or BACHELOR OF FINE ARTS DEGREE (BFA)
SCREENWRITING AND ANIMATION
INTEGRATED MEDIA WRITING AND ANIMATION TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR [FIRST SEMESTER]

ENGL 101 – EC – Freshman Comp. I.*	3
ORLA101 Freshman Orientation	1
XXXX – SB – General Education Req.*	3
XXXX – MQ – General Education Req.*	4
PHEC XXX Physical Education	1
SWAN 101 Intro. to Cinematic Storytelling	3
	15

FRESHMAN YEAR [SECOND SEMESTER]

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – BP – General Education Req.*	4
COMM 201 Writing for Multiplatform Jour.	3
	16

SOPHOMORE YEAR [FIRST SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – BP – General Education Req.*	3
MMJN 406 Advanced Editing	3
XXXX – IM – General Education Req.*	3
SWAN 230 Fund. Film/TV Writing	3
	15

SOPHOMORE YEAR [SECOND SEMESTER]

XXXX – AH – General Education Req.*	3
XXXX – CI – General Education Req*	3
XXXX – CT – General Education Req.*	3
ART 209 Drawing I	3
HIST 425 History of American Movies	3
	15

JUNIOR YEAR [FIRST SEMESTER]

SWAN 335 Intro Screenwriting	3
SWAN 320 Filmmaking I	3
SWAN 325 Film Editing I	3
ART 210 Drawing II	3
SWAN 345 Animation Workshop I	3
	15

JUNIOR YEAR [SECOND SEMESTER]

SWAN 346 Animation Workshop II	3
SWAN 350 Black Film	3
XXX LIBERAL ARTS CORE	3
XXX Free Elective	3
XXX 203 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective	3
	15

SENIOR YEAR [FIRST SEMESTER]

XXX LIBERAL ARTS CORE	3
SWAN 469 Internship I	3
SWAN XXX Track Elective	3
SWAN 495 Senior Studio I	3
XXX 204 Foreign Language** [B.A.]	
OR	
SWAN XXX Approved Elective	3
	15

SENIOR YEAR [SECOND SEMESTER]

XXX Free Elective	3
XXX Free Elective	3
XXX Free Elective	2
SWAN XXX Track Elective	3
SWAN 496 Senior Studio II	3
14	

TOTAL CREDIT HOURS 120

*See General Education requirements for eligible courses.
**Two sequential courses in a single foreign language. B.F.A. students are required to complete six credits of approved SWAN elective practical studio courses as a substitution for the foreign language requirement.
***See Film History/Culture Options under Core Requirements.

NOTE: In addition to the courses in the above curriculum sequence, passing scores are required on the following examinations: 1) Speech Proficiency Examination, and 2) Writing Proficiency Examination. The Senior Proficiency Examination for SWAN comprises 30 per-cent of the major's grade in SWAN 495 (Senior Studio I), and without a passing grade in the course, the student will not meet the requirements for a passing score.

FINE AND PERFORMING ARTS (ART, MUSIC, THEATRE ARTS)

Chairperson of Department: ASSOCIATE PROFESSOR ERIC CONWAY; Associate Professors: STEPHANIE BRUNING, SHIRLEY BASFIELD DUNLAP, JAMES LEE, KENNETH ROYSTER; Assistant Professors: RIDLEY CHAUVIN, BLAISE DEPAOLO, LORI JOHNSON, VINCENT STRINGER; Instructors: MELVIN MILES; Lecturers: MILTON ALDANA, PHILLIP BURGESS, ERIC BRISCOE, GUY JONES, MARQUITA LISTER, ADAM MAHONSKE, CHRIS METZGER, JANICE SHORT, SAMUEL SPRINGER, ANITA THESEN; Administrative Staff Technician: SCOTT YUILLE.

MISSION

The Fine and Performing Arts Department seeks to deliver a dynamic, challenging and comprehensive arts curriculum. The Fine Art major is engaged in research, instruction, performance and exhibition. Our faculty consists of practicing artists and scholars who believe arts education should be accessible to all who pursue it. We serve the campus wide student population through our general education and elective courses. The Carl J. Murphy Fine Arts Center is the cultural hub of the University providing a wealth of experience in professional level exhibition and performance. The mission of the Fine and Performing Arts Department is aligned with the University, we are committed to creating an environment that fosters the highest quality teaching, research and public service.

DEPARTMENTAL PROGRAMS

The Department of Fine and Performing Arts offers the Bachelor of Arts Degree in three areas: Fine Art, Music and Theatre Arts. In the major in Fine Art, students may follow tracks in Art History, Graphic Design or Illustration, or in Multi-Media Studio. In the major in Music, students may follow tracks in Music-Instrumental, Music-Piano or Organ, Music-Vocal.

THE MAJOR IN FINE ART

Goals: The goals of the Fine Art Major are: to provide the opportunity for the student to develop historical and philosophical perspectives on the visual arts; to provide the opportunity for the student to develop a competitive portfolio of work or experiences in one or more areas of the visual arts; and to develop the student's capacity for diligent and persistent inquiry.

Requirements: The department offers the Bachelor of Arts (B.A.) Degree in Fine Art. Under this degree program, students may focus in one of four areas of fine art: (1) Art History (2) Graphic Design/Illustration, or (3) Multi-Media Studio. It also offers a minor in Fine Art for those wishing to develop their arts interests as a supplement to their major field.

Teacher Certification: To attain certification to teach art, students must complete one of the focus areas in art and see the School of Education and Urban Studies for additional courses required for teacher certification and/or the five year Master's Program in Education.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core. Art majors are encouraged to take GENL 396/496 Community Art. Other options for satisfying this requirement are outlined under the College of Liberal Arts. Also, to qualify for graduation, Graphic Design, Illustration and Multi-Media Studio students must pass the Juried Senior Portfolio Review and Senior Departmental Comprehensive Examination with a grade of 70 or higher, must have taken all of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses). Art History majors are required to take World History and must pass the Senior Research Project and the Senior Departmental Comprehensive Exam with a grade of 70 or higher on each, and must have taken all of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Required Courses for the Major in Fine Art – Art History Track

Students majoring in Fine Art with a focus on Art History are required to complete the following courses:

FOCUS AREA REQUIREMENTS

Course	*Description*	*Credits*
ART 109	Basic Design & Color	3
ART 206	Basic Photography	3
ART 220	Visual Analysis	3
ART 272	History of Photography	3
ART 302	Ceramics	3
ART 303	History of Western Art I	3
ART 304	History of Western Art	3
ART 309	American Art	3
ART 310	Traditional Arts of Africa	3
ART 402	Intro. to Modern Art	3
ART 405	Contemporary Art	3
ART 477	Digital Photo. Imaging	3
ART 495	Senior Studio I	3
ART 496	Senior Studio II	3
ART XXX	Art Free Electives	3
HIST 101	World History I	3
RELG 305	Intro. to World Religions	3
HIST 311	The Ancient World	3
PHIL 345	Philosophy of Art	3
SOCI 380	Meths. of Social Rsrch I	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
	Senior Research Project	
TOTAL:		66

Required Courses for the Major in Fine Art – with a Focus on Graphic Design OR Illustration

Students majoring in Fine Art with a focus on Graphic Design or Illustration are required to complete the following courses:

FOCUS AREA REQUIREMENTS

Course	*Description*	*Credits*
ART 109	Basic Design & Color I	3
ART 110	Basic Design & Color II	3
ART 206	Basic Photography	3
ART 209	Drawing I	3
ART 210	Drawing II	3
ART 220	Visual Analysis	3
ART 240	Basic Painting	3
ART 284	Computer Graphics I	3
ART 303	History of Western Art I	3
ART 304	History of Western Art II	3
ART 309	American Art	3
ART 401	Life Drawing	3
ART 482	Computer Graphics II	3
ART 495	Senior Studio I	3
ART 496	Senior Studio II	3
ART XXX	Art Free Electives	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
	Senior Portfolio Review	

ADDITIONAL FOCUS REQUIREMENTS

Students must complete the Focus Requirements of Graphic Design <u>or</u> the Focus Requirements of Illustration:

GRAPHIC DESIGN

ART 280	Typography	3
ART 282	Graphic Design I	3
ART 382	Adv. Graphic Design	3
SWAN 345	Animation Workshop I	3

OR

ILLUSTRATION

ART 290	Basic Illustration	3
ART 390	Intermediate Illustration	3
ART 490	Advanced Illustration	3
SWAN 345	Animation Workshop I	3
TOTAL		66

Required Courses for the Major in Fine Art with a Focus in Multi-Media Studio

Students majoring in Fine Art with a focus in Multi-Media Studio are required to complete the following courses:

FOCUS AREA REQUIREMENTS

Course	*Description*	*Credits*
ART 109	Basic Design & Color I	3
ART 110	Basic Design & Color II	3
ART 112	Computers in Art Design	3
ART 206	Basic Photography	3
ART 209	Drawing I	3
ART 210	Drawing II	3
ART 220	Visual Analysis	3
ART 240	Basic Painting	3
ART 260	Basic Sculpture	3
ART 284	Computer Graphics I	3
ART 303	History of Western Art I	3
ART 304	History of Western Art II	3

ART 309	American Art	3
ART 401	Life Drawing	3
ART 495	Senior Studio I (fall)	3
ART 496	Senior Studio II (spring)	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
	Senior Portfolio Review	

MULTI-MEDIA STUDIO
Select four of the following courses:

ART 115	3-D Design	3
ART 205	Basic Printmaking	3
ART 270	Intermediate Photog.	3
ART 302	Ceramics	3
ART 305	Community Art	3
ART 340	Intermediate Painting	3
ART 370	Advanced Photography	3
ART 440	Advanced Painting	3
ART 477	Digital Photo. Imaging	3
ART 482	Computer Graphics II	3
TOTAL		**66**

THE DEPARTMENTAL HONORS PROGRAM IN FINE ART

Objectives:
The Departmental Honors Program in Fine Art is a complement to—and is intended to be pursued during the junior and senior years after completion of—the university-wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for life-long, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility
To qualify for admission to the Departmental Honors Program in Fine Art, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher; (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major; and (4) must file a formal application, be interviewed, and be admitted to the Program by the Department.

Program Requirements:
Students admitted to the Departmental Honors Program in Fine Art must complete the following course requirements:

ART 388 Great Works—Directed Reading I	2 credits
ART 389 Great Works—Directed Reading II	2 credits
ART 488 Senior Honors Thesis I	3 credits
ART 489 Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the department.

To remain in the Departmental Honors Program in Fine Art, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

THE MINOR IN FINE ART

The minor in Fine Art requires students to complete a sequence of 18 credits:

Required Courses
Students with a Minor in Fine Art are required to complete the following courses:

CORE COURSES		**9**
Course	***Description***	***Credits***
ART 109	Basic Design & Color I	3
ART 209	Drawing I	3
ART 402	Intro. to Modern Art	3

<u>After</u> completing ART 109, 209 and 402 students may choose THREE courses from the following list of courses for nine additional credits:

ELECTIVES		**9**
ART 112	Computers in Art Design	3
ART 115	3D Design	3
ART 206	Basic Photography	3
ART 210	Drawing II	3
ART 220	Visual Analysis	3
ART 240	Basic Painting	3
ART 260	Basic Sculpture	3
ART 284	Computer Graphics I	3
ART 302	Ceramics	3
ART 305	Community Art	3
ART 309	American Art	3
ART 310	Trad. Arts of Africa	3
ART 477	Digital Photo. Imaging	3
PHIL 345	Philosophy of Art	3
TOTAL		**18**

THE MAJOR IN MUSIC

Goals: The goals for the Music Program in the Department of Fine and Performing Arts are: (1) to provide a comprehensive undergraduate training in music, consisting of common courses obligatory to all degree candidates, with supplemental offerings which define each student's focus area; (2) to stimulate self-reliance and encourage independent intellectual and artistic growth; (3) to provide all students the cultural and humanistic perspectives and skills common to the music profession; (4) to give foundational support to those students who would like to become certified to teach music in the public schools; (5) to provide advanced training to students who are interested in performing; and (6) to contribute to the general cultural and educational aspirations of the campus and the community.

Requirements: The Department offers one degree: the Bachelor of Arts (B.A.) Degree in Music, with three separate tracks for instrumentalists, keyboard players and vocalists. A diagnostic entrance examination and an audition in the major performance area are required for each track of the degree program, and students are then advised accordingly. A minor in music is available for those wishing to develop their musical interest as a supplement to a different major field. This consists of 18 credits selected with administrative advisement. The Music area is accredited by the National Association of Schools of Music.

Teacher Certification: While students who graduate with a B.A. in Music are not certified for teaching, the University offers a dual degree program where students may apply to the Graduate School in their junior year to obtain the Master of Teaching degree (M.A.T.) The student who elects this option may obtain an undergraduate degree in Music and an M.A.T. degree with State of Maryland Teaching Certification in Music in as little as five years.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined in the College of Liberal Arts section of the catalogue. Music Majors may not satisfy the Liberal Arts Core with the Performing Arts Option. Also, to qualify for graduation, students must pass the Senior Department Comprehensive Examination with a grade of 70 or higher, must have taken two- thirds of all of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Required Courses for the Major in Music - Instrumental

Instrumentalists majoring in Music are required to complete the following courses:

Course	***Description***	***Credits***
REQUIREMENTS		**55**
MUSC 100	Class Piano I	1
MUSC 101	Class Piano II	1
MUSC 102	Class Piano III	1
MUSC 103	Class Piano IV	1
MUSC 135	Aural Skills I	2
MUSC 136	Aural Skills II	2
MUSC 171	Music Theory I	3
MUSC 172	Music Theory II	3
MUSC 235	Aural Skills III	2
MUSC 236	Aural Skills IV	2
MUSC 271	Music Theory III	3
MUSC 272	Music Theory IV	3
MUSC 281	Music History I	3
MUSC 282	Music History II	3
MUSC 311	Vocal Class Methods	1

MUSC 333	Brass Methods	1
MUSC 343	Woodwind Methods	1
MUSC 350	Electronic & Computer Applications in Music	2
MUSC 353	String Methods	1
MUSC 357	Conducting	2
MUSC 363	Percussion Methods	1
EDUC 459	Meths. in Teaching Music	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
XXX	Free Electives (No Music Classes)	7
Senior Recital		
Piano Proficiency Examination		

LARGE ENSEMBLE		8
MUSC 161	University Band I	1
MUSC 162	University Band II	1
MUSC 261	University Band III	1
MUSC 262	University Band IV	1
MUSC 361	University Band V	1
MUSC 362	University Band VI	1
MUSC 461	University Band VII	1
MUSC 462	University Band VIII	1

PRIVATE LESSONS		
(Eight Courses in One Area)		8
MUSA 1XX	Private Lessons I	1
MUSA 1XX	Private Lessons II	1
MUSA 2XX	Private Lessons III	1
MUSA 2XX	Private Lessons IV	1
MUSA 3XX	Private Lessons V	1
MUSA 3XX	Private Lessons VI	1
MUSA 4XX	Private Lessons VII	1
MUSA 4XX	Private Lessons VIII	1
TOTAL:		**72**

Required Courses for the Major in Music – Piano or Organ

Organists and Pianist majoring in Music are required to complete the following courses:

Course	*Description*	*Credits*
REQUIREMENTS		**56**
MUSC 135	Aural Skills I	2
MUSC 136	Aural Skills II	2
MUSC 171	Music Theory I	3
MUSC 172	Music Theory II	3
MUSC 235	Aural Skills III	2
MUSC 236	Aural Skills IV	2
MUSC 241	Accompanying I	1
MUSC 271	Music Theory III	3
MUSC 272	Music Theory IV	3
MUSC 281	Music History I	3
MUSC 282	Music History II	3
MUSC 311	Vocal Class Methods	1
MUSC 333	Brass Methods	1
MUSC 343	Woodwind Methods	1
MUSC 350	Electronic & Computer Applications in Music	2
MUSC 353	String Methods	1
MUSC 357	Conducting	2
MUSC 363	Percussion Methods	1
MUSC 491	Repertoire Seminar	2
MUSC 495	Keyboard Pedagogy	2
EDUC 459	Meths. in Tchng. Music	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
XXX	Free Electives (No Music Classes)	7
Senior Recital		
Piano Proficiency Examination		

LARGE ENSEMBLE		**7**
MUSC 127	University Choir I	1
MUSC 128	University Choir II	1
MUSC 227	University Choir III	1
MUSC 228	University Choir IV	1
MUSC 327	University Choir V	1
MUSC 328	University Choir VI	1
MUSC 427	University Choir VII	1

PRIVATE LESSONS		
(Eight Courses in One Area)		**8**
MUSA 1XX	Piano or Organ I	1
MUSA 1XX	Piano or Organ II	1
MUSA 2XX	Piano or Organ III	1
MUSA 2XX	Piano or Organ IV	1
MUSA 3XX	Piano or Organ V	1
MUSA 3XX	Piano or Organ VI	1
MUSA 4XX	Piano or Organ VII	1
MUSA 4XX	Piano or Organ VIII	1
TOTAL:		**72**

Required Courses for the Major in Music – Vocal

Vocalists majoring in Music are required to complete the following courses:

Course	*Description*	*Credits*
REQUIREMENTS		**56**
MUSC 100	Class Piano I	1
MUSC 101	Class Piano II	1
MUSC 102	Class Piano III	1
MUSC 103	Class Piano IV	1
MUSC 135	Aural Skills I	2
MUSC 136	Aural Skills II	2
MUSC 171	Music Theory I	3
MUSC 172	Music Theory II	3
MUSC 235	Aural Skills III	2
MUSC 236	Aural Skills IV	2
MUSC 271	Music Theory III	3
MUSC 272	Music Theory IV	3
MUSC 281	Music History I	3
MUSC 282	Music History II	3
MUSC 319	Lyric Diction I	2
MUSC 320	Lyric Diction II	2
MUSC 350	Electronic & Computer Applications in Music	2
MUSC 357	Conducting	2
MUSC 379	Opera Workshop	1
EDUC 459	Meths. in Tchng. Music	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3
XXX	Free Electives (No Music Classes)	8
Senior Recital		
Piano Proficiency Examination		
LARGE ENSEMBLE		**7**
MUSC 127	University Choir I	1
MUSC 128	University Choir II	1
MUSC 227	University Choir III	1
MUSC 228	University Choir IV	1
MUSC 327	University Choir V	1
MUSC 328	University Choir VI	1
MUSC 427	University Choir VII	1
PRIVATE LESSONS (Eight Courses in One Area)		**8**
MUSA 109	Voice I	1
MUSA 110	Voice II	1
MUSA 209	Voice III	1
MUSA 210	Voice IV	1
MUSA 309	Voice V	1
MUSA 310	Voice VI	1
MUSA 409	Voice VII	1
MUSA 410	Voice VIII	1
TOTAL:		**72**

THE DEPARTMENT HONORS PROGRAM IN MUSIC

Objectives

The Department Honors Program in Music is a complement to – and intended to be pursued during the junior and senior years after completion of – the University-wide Honors Program in the General Education Program. The Departmental Honor program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline; (2) reading extensively and intensively the seminal great books in the field; (3) investigating, conducting research on and defending a topic, thesis, or project; (4) laying the foundation for life-long, independent learning; and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility

To quality for admission to the Departmental Honors Program in Music, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher; (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major; and (4) must file a formal application, be interviewed and be admitted to the Program by the Department.

Program Requirements

Students admitted to the Departmental Honors Program in Music must complete the following course requirements:

MUSC388	Great Works-Directed Reading I	2 credits
MUSC 389	Great Works – Directed Reading II	2 credits
MUSC 488	Senior Honors Thesis I	3 credits
MUSC 489	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a

topic approved by the department.

To remain in the Departmental Honors Program in Music, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean); (2) must maintain a major average of 3.4 or higher; (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

THE MINOR IN MUSIC

The minor in music requires students to complete a sequence of 18 credits:

Required Courses for Minor in Music

Students minoring in Music are required to take fourteen (14) credits of core courses and four (4) credits of electives.

Course	***Description***	***Credits***
REQUIREMENTS		**14**
MUSA XXX	Applied Lesson	1
MUSA XXX	Applied Lesson	1
MUSA XXX	Applied Lesson	1
MUSA XXX	Applied Lesson	1
MUSC 171	Music Theory	3
MUSC 391	The World of Music	3
MUSC XXX	Ensemble	1
MUSC XXX	Ensemble	1
MUSC XXX	Ensemble	1
MUSC XXX	Ensemble	1
ELECTIVES		4
MUSC XXX	Music Class Electives	4
or		
MUSA XXX	Music Applied Electives	4

THE MAJOR IN THEATRE ARTS

Goals: The goals of the Theatre Arts program in the Department of Fine and Performing Arts are to enable students: (1) to develop an understanding of the broad field of theatre arts in becoming an educated theatre practitioner; (2) to appreciate the importance of theatre arts as it relates to liberal arts; (3) to gain a thorough knowledge of theatre arts and its interrelated areas in television, film, literature, drama and criticism; (4) to acquire knowledge and appreciation of African-American theatre and drama as it offers a contribution to an intercultural/diverse aesthetic; and (5) to be competitive in advanced degree programs.

The department offers a Bachelor of Arts (B.A.) Degree in Theatre Arts.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. Also, to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a grade of 70 or higher, must have taken two-thirds of all of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below “C” in the major (which includes all courses required for the major and required supporting courses).

Required Courses for the Major in Theatre Arts
Students majoring in Theatre Arts are required to complete the following courses:

Course	***Description***	***Credits***
REQUIREMENTS		**51**
THEA 101	Introduction to Theatre	3
THEA 102	Funda. of Stagecraft	3
THEA 210	History of the Theatre I	3
THEA 211	History of the Theatre II	3
THEA 220	Acting I	3
THEA 225	Script Analysis (formerly THEA 325)	3
THEA 251	Stage Management	3
THEA 320	Advanced Acting	3
THEA 322	Vocal Training for the Actor (formerly THEA 222)	3
THEA 340	Sc. Design (Scenography)	3
THEA 343	Lighting Design	3
THEA 350	Perf. Lab. Internship	3
THEA 427	Directing	3
THEA 450	Senior Practicum	3

THEA 498	Theatre Internship	3
XXX	Foreign Language (sequential)	3
XXX	Foreign Language (sequential)	3

COMPANY		6
THEA 128	University Theatre I	1
THEA 129	University Theatre II	1
THEA 228	University Theatre III	1
THEA 229	University Theatre IV	1
THEA 328	University Theatre V	1
THEA 329	University Theatre VI	1

ELECTIVES 12

Students must choose TWO from the following classes:

THEA 233	Costume Design	3
THEA 234	Make-Up Design 3	
THEA 303	Adv. Oral Interpretation	3
THEA 305	Theatre Management	3
THEA 312	Black Drama	3
ENGL 333	Playwriting	3
THEA 416	Dramatic Thry. and Crit.	3

Students must choose TWO from the following classes:

THEA 420	Theatre Workshop Adv. Scene Study	3
THEA 421	Theatre Workshop Children's Theatre	3
THEA 422	Theatre Workshop Performing Arts Theatre	3

TOTAL: 69

THE MINOR IN THEATRE ARTS

The minor in Theatre Arts requires students to complete a sequence of 18 credits:

Course	*Description*	*Credits*
REQUIREMENTS		12
THEA 101	Introduction to Theatre	3
THEA 102	Stagecraft	3
THEA XXX	University Theatre	1
THEA XXX	University Theatre	1
THEA XXX	University Theatre	1
THEA 225	Script Analysis	3

ELECTIVE COURSES 6

Choose one of the following courses:

THEA 220	Acting I	3
THEA 251	Stage Management	3
THEA 320	Acting I	3
THEA 322	Vocal Trng. for Actor	3
THEA 340	Scenic Design	3
THEA 343	Lighting Design	3
THEA 305	Theatre Management	3

Choose ONLY one of the following Theatre Workshop Courses:

THEA 420	Adv. Scene Study	3
THEA 421	Children's Theatre	3
THEA 422	Performing Arts Theatre	3

TOTAL: 18

COURSE OFFERINGS FOR TEACHER CERTIFICATION

ARED 405 METHODS IN ART EDUCATION-SECONDARY—*Four hours; 3 credits.* Students will study the special problems of administering Visual Art programs in the secondary schools. The refinement of planning skills for secondary art programs and components will be a primary goal. Prerequisites: SCED 302 or equivalent. (OFFERED AS NEEDED).

ARED 406 METHODS IN ART EDUCATION—*Four hours; 3 credits.* Emphasis will be placed on the development of skills in long and short range planning for kindergarten through 12th grade Visual Art. Opportunities will be provided for actual teaching experiences. (OFFERED AS NEEDED**).**

THE DEPARTMENTAL HONORS PROGRAM IN THEATRE ARTS

Objectives

The Departmental Honors Program in Theatre Arts is a complement to—and is intended to be pursued during the junior and senior years after completion of—the university-wide Honors Program in the General Education Program. The Departmental Honor Program is designed to broad- en the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for lifelong, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility
To qualify for admission to the Departmental Honors Program in Theatre Arts, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be inter- viewed, and be admitted to the Program by the Department.

Program Requirements
Students admitted to the Departmental Honors Program in Theatre Arts must complete the following course requirements:

THEA 388	Great Works—Directed Reading I	2 credits
THEA 389	Great Works—Directed Reading II	2 credits
THEA 488	Senior Honors Thesis I	3 credits
THEA 489	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the department.

To remain in the Departmental Honors Program in Theatre Arts, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

HONORS ART COURSES OFFERINGS

ART 388 GREAT WORKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi- independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisites:** admission to the Departmental Honors Program. (OFFERED AS NEEDED).

ART 389 GREAT WORKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisites:** admission to the Departmental Honors Program and completion of ART 388 Great Works Directed Reading I. (OFFERED AS NEEDED).

ART 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the Departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisites:** admission to the Departmental Honors Pro- gram and completion of ART 388-389 Great Works Directed Reading I and II. (OFFERED AS NEEDED).

ART 489 SENIOR HONORS THESIS II:—*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisites:** admission to the Departmental Honors Program and completion of ART 388-389 Great Works Directed Reading I and II and ART 488 Senior Honors Thesis I. (SPRING).

COURSE OFFERINGS IN ART

ART 109 BASIC DESIGN AND COLOR I—*Two hours lecture, four hours lab; 3 credits.* This course broadens the student's awareness, understanding and sensitivity toward visual and structural phenomena. Students work in two- and three-dimensional form with the possibilities of free exploration in wire, wood, and clay. Structural design, color, line and value are stressed. Relationship of forms to materials and purpose are stressed. (FALL/SPRING).

ART 110 BASIC DESIGN AND COLOR II—*Two hours lecture, four hours lab; 3 credits.* Explorations in design elements—texture, transparency, color, and paint quality—are emphasized in this course. Structure of the visual

field and development of a critical understanding of design are included. **Prerequisite:** ART 109 or equivalent. (FALL/SPRING).

ART 112 COMPUTERS IN ART DESIGN–*Three hours; 3 credits.* This course is designed to introduce students to the MAC computer and MAC computer software. Students will explore design possibilities that are unique to MAC. (FALL/SPRING).

ART 115 THREE-DIMENSIONAL DESIGN—*Two hours lecture, four hours lab; 3 credits.* The understanding of form in three dimensions and the development of an awareness and sensitivity toward visual and structural phenomena will be the course emphasis. Students will use design elements to explore a variety of materials. A wide range of purpose and applications for three-dimensional design will be presented. (Formerly ART 315) (SPRING).

ART 205 BASIC PRINTMAKING—*Two hours lecture, four hours lab; 3 credits.* Basic techniques in the traditional printmaking media will be presented. Emphasis may be placed upon lithography and etching for the major portion of a student's work in the course. **Prerequisite**: At least one semester of work in ART 209 or equivalent. **Co-requisite** ART 109 or equivalent**.** (Formerly "Graphics") (FALL).

ART 206 PHOTOGRAPHY—*Two hours lecture, four hours lab; 3 credits.* Fundamentals of photography with emphasis upon the development of a sensitive photographic eye, and upon photography as an art form are presented. Students will develop skills in film exposure, processing, and printing. A manually-adjustable lens camera is required. **Prerequisite:** ART 110 or equivalent. (FALL/SPRING).

ART 209 DRAWING I—*Two hours lecture, four hours lab; 3 credits.* In this course drawing is treated as a major art form. Its non-static aspects are explored in order to arrive at the means of presenting a dynamic element in this medium. Drawing will be considered as a means of communication, both referential and emotive, and as a creator of experience, both aesthetic and non-aesthetic. (FALL).

ART 210 DRAWING II—*Two hours lecture, four hours lab; 3 credits.* This course is a continuation of ART 209. Students are required to address several independent problems involving different media in drawing. **Prerequisite:** ART 209. (SPRING).

ART 220 VISUAL ANALYSIS–*Three hours; 3 credits.* This course provides students with the skills necessary to analyze works of art and design, to articulate complex ideas, and, then, to argue these ideas cogently in critiques, essays and verbal presentations. (FALL/SPRING).

ART 230 ARCHITECTURE IN URBAN AMERICA—*Three hours; 3 credits.* This course has five (5) primary emphases: (1) the historical development of urban architecture in America; (2) individual, cultural, and institutional contributors to the development and maintenance of ur- ban environments; (3) the effect of democratic process on urban environments; (4) experimentation in urban environmental concepts, and (5) environmental sensory manipulations. **Prerequisite:** ENGL 101. (SPRING).

ART 240 BASIC PAINTING—*Two hours lecture, four hours lab; 3 credits.* Exploration of the many and varied traditional materials and techniques with emphasis upon the techniques commonly used. **Prerequisite:** ART 109 or equivalent. (formerly ART 307 Painting: Basic) (FALL).

ART 260 BASIC SCULPTURE—*Two hours lecture, four hours lab; 3 credits.* Students will study three-dimensional form through modeling techniques in various materials. Waste-mold reproduction techniques will be used. Individual attention will be given to students with advanced experience. **Prerequisite:** ART 109 or equivalent. (Formerly ART 350: Sculpture: Basic) (FALL).

ART 270 INTERMEDIATE PHOTOGRAPHY–*Two hours lecture, four hours lab; 3 credits.* This course is a lab-intensive course in which students hone their printing skills. They receive extensive practice with film exposure and development ratios, multiple bath developers, toning, spotting and final presentation. (SPRING).

ART 272 HISTORY OF PHOTOGRAPHY–*Three hours; 3 credits.* This course studies world photography from the early 19th century to the present. The course covers discoveries in science and art and their influence on art media: cinematography, video, the graphic arts and interdisciplinary expression. It will study individual photographers and images, including meaning manipulations and contexts, through lectures, studio instruction, field trips, audio-visual materials and rarely seen origin- al works. **Prerequisite:** HUMA

201 or 211. (FALL).

ART 280 TYPOGRAPHY–*Two hours lecture, four hours lab; 3 credits.* This course begins with type that includes spacing and general anatomy of letter forms (types as art). One of the course goals is to create successful word pictures. Assignments often deal with solving real design problems, ads, book jackets and magazine layouts. (FALL/SPRING).

ART 282 GRAPHIC DESIGN I–*Two hours lecture, four hours lab; 3 credits.* This course focuses on creating original graphic design concepts via text and images and on principles of advertising design and layout. It develops the students' skills in effective presentation through text, typography, photography and illustration, from rough, thumb-nail design to precisely executed comprehensives, using all methods of visual exploration and investigation. **Prerequisite:** ART 109. (FALL/SPRING).

ART 284 COMPUTER GRAPHICS I–*Two hours lecture, four hours lab; 3 credits.* This course introduces students to the software used in the professional design field. It focuses on Adobe Creative Suite with an emphasis on Photoshop, Illustrator, and In Design. Through coursework, demonstrations, and critiques students will develop the conceptual and technical skills necessary to succeed in a professional environment. **Prerequisite:** ART 109. (FALL/SPRING).

ART 290 BASIC ILLUSTRATION–*Two hours lecture, four hours lab; 3 credits.* This course covers location drawing, museums, and drawing from the model and it develops drawing facility in illustration, editorial, book, thumbnail and advertisement design. **Prerequisite:** ART 209. (FALL).

ART 302 CERAMICS—*Two hours lecture, four hours lab; 3 credits.* The elements of ceramics will be studied as they are applicable in general and as flexible plastic art medium. Appreciation as well as skill will be stressed through a general history of ceramics and through experimentation with ceramic materials. (FALL/SPRING).

ART 303 HISTORY OF WESTERN ART I—*Three hours; 3 credits.* A study will be made of the history of painting, sculpture and architecture from prehistoric times to 1400 CE. Art galleries and museums will be visited. Art majors seeking teacher certification are required to take this course in the first semester of the junior year. **Prerequisite**: HUMA 201. (FALL).

ART 304 HISTORY OF WESTERN ART II—*Three hours; 3 credits.* This course is a continuation of ART 303. It covers the period from 1400 CE to the beginning of the modern art movement. **Prerequisite:** ART 303 or equivalent. (SPRING).

ART 305 CERAMICS FOR ART EDUCATION–*Four hours; 3 credits.* This interdisciplinary course is designed to give students the necessary skills to conduct successful Visual Art/Ceramics programs. The course will deal with both two-dimensional and three dimensional design. Students will learn to write budgets, plan curriculum, and work with diverse populations in community and school settings. (FALL/SPRING).

ART 308 THE VISUAL ARTS—*Three hours; 3 cred- its.* The development of the student's capacity to respond to the visual arts with greater insight and/or intensity of emotion is a primary goal of this course. Student will analyze artists, the creative process and works of art as these components of art relate to the culture and the student's experience. **Prerequisite:** HUMA 201 or equivalent. This course may not be used concurrently to satisfy the Humanities Elective Requirement and the Elementary Education Requirement. (FALL/SPRING).

ART 309 AMERICAN ART—*Three hours; 3 credits.* Beginning with art created during the colonial period (including "slave art"), this course examines the major artistic developments that occurred in the United States from 1700-1950. Among the topics considered are art and nationalis, art and abolition, race and representation, and imperialism and modernism. Particular attention will be give to the influence of African, as well as European art on the evolution of art in America, with the intent of demonstrating the central role artists ofcolor played in establishing the American artistic canon. **Prerequisite:** ENGL 102 (Formerly the African American in Art) (FALL).

ART 310 THE TRADITIONAL AFRICAN ARTS—*Three hours; 3 credits.* This study will embrace its history from the West African Nok culture through contemporary times. The arts and crafts range widely through media from earth to flesh. The course objectives will be realized through seminars, lectures, field trips and audio-visual materials, including rarely seen original works.

Prerequisite: HUMA 201. (SPRING).

ART 311 PHOTOGRAPHY: LIGHT DESIGN—*Two hours lecture, four hours lab; 3 credits.* Basic theories and techniques of lighting design for studio photography, cinematography and video will be presented and analyzed. Students will engage in extensive work with large format studio still cameras. **Prerequisite:** ART 109 or equivalent. (FALL).

ART 320 THE GALLERY I *Three hours; 3 credits.* The course will provide training for persons interested in general problems of gallery operation, the care, handling and preservation of works of art, cataloging exhibitions and attending responsibilities. (Formerly The Gallery) (FALL).

ART 321 THE GALLERY II *Nine hours; 3 credits.* **Continuation of ART 320.** It provides field experience in the areas mentioned. (SPRING).

ART 326 SCULPTURE: CONSTRUCTION Two *hours lecture, four hours lab; 3 credits.* Students will study three-dimensional form through construction techniques using welding and brazing. The use of innovative techniques will be explored. Individual attention will be given to students with advanced experiences. **Prerequisite:** ART 109 or equivalent. (SPRING).

ART 340 INTERMEDIATE PAINTING—*Two hours lecture, four hours lab; 3 credits.* This course emphasizes construction, composition, paint handling and color. Students begin and sustain the process of self-examination by dealing with diversified subjects and non- objective idioms. They engage in individual and group criticism, along with field trips and discussions of painting ideology, and they expand their perspectives within historical and professional contexts. (FALL).

ART 350 MIXED MEDIA PRINTMAKING— *Two hours lecture, four hours lab; 3 credits.* This course allows students to examine the creative possibilities of printmaking in applications, methods and potentials as explored through the combined use of cardboard, collage (collograph) and monoprints. **Prerequisites:** ART 109 and ART 209. (FALL).

ART 352 INTAGLIO PRINTING—*Two hours lecture, four hours lab; 3 credits.* Students explore the basic techniques of intaglio printing using zinc plates and learn how to print with consistency and controlled variation. Students are also required to master a vocabulary for techniques in order to explore the infinite possibilities of expression–from a three-dimensional textured surface to a flat minimal approach. **Prerequisites:** ART 109 and ART 209. (SPRING).

ART 354 LITHOGRAPHY—*Two hours lecture, four hours lab; 3 credits.* This course introduces students to all forms of hand lithography: crayon and pencil tusche washes, transfers, photo, stone engraving, and mezzo-tints, and to use replicate images to produce a traditional edition or suite of unique prints. Students receive individual attention and suggestions for furthering their work. (SPRING).

ART 360 SCULPTURE: CLAY AND PLASTER—*Two hours lecture, four hours lab; 3 credits.* This course introduces students to ideas and materials that facilitate response to three-dimensional forms. The focus is on concepts of modeling and casting, carving and construction, as well as the possibilities of more contemporary modes of expression. (FALL).

ART 362 CARVING—*Two hours lecture, four hours lab; 3 credits.* This course is designed to develop skills in wood and stone carving. Emphasis is placed on providing a sound and balanced exposure to the formal technical and intellectual aspects of the substantive process. (SPRING).

ART 370 ADVANCED PHOTOGRAPHY—*Two hours lecture, four hours lab; 3 credits.* This course focuses on interpreting printing style to convey personal vision. Techniques covered include manipulating the negative, toning, archival processing and gallery presentation. Through weekly critiques and demonstrations, students print portfolio pieces while refining their technical skills. (FALL).

ART 382 ADVANCED GRAPHIC DESIGN—*Two hours lecture, four hours lab; 3 credits.* This course deals with advanced design studio practice and independent design research and experimentation. Students create dynamic and innovative design solutions. (FALL/SPRING).

ART 390 INTERMEDIATE ILLUSTRATION—*Two hours lecture, four hours lab; 3 credits.* Students discover their personal style while tailoring work to specific assignments. All projects emphasize the process of illustration

from concept to completion. Students develop verbal skills for explaining and discussing ideas and solutions. **Prerequisite:** ART 209. (FALL).

ART 401 LIFE DRAWING—*Two hours lecture, four hours lab; 3 credits.* Students are expected to develop skills in analyzing, understanding and articulating physical data. A broad experience with various drawing media is provided for the students' growth as an artist. **Prerequisites:** ART 209 and ART 210. (SPRING).

ART 402 INTRODUCTION TO MODERN ART—*Three hours; 3 credits.* A study will be made of the development of "Modern Art" as a western culture pattern infused with African and Asian aesthetics. **Prerequisite**: HUMA 201 or equivalent. (FALL).

ART 404 ASIAN ART—*Three hours; 3 credits.* This course deals with the visual arts in China, Japan, India and other regions of Asia from their beginnings to the present. It introduces the religious and philosophical contexts of Buddhism, Hinduism, Jainism, Islam, Confucianism, Daoism, Shintoism, Christianity and other religions, and discusses the influence of Asian aesthetics on Western culture. The course will include lectures, seminars, field trips and the use of audio-visual materials. (SPRING).

ART 405 CONTEMPORARY ART—*Three hours; 3 credits*. This course is intended to examine a range of contemporary art styles, from 1945 to present, in light of the historical and socio/political context in which they evolved with a view to providing students with a critical survey to the major movements, paradigms and documents that comprise contemporary art. (SPRING).

ART 408 PAINTING: ILLUSTRATION—*Two hours lecture, four hours lab; 3 credits.* Contemporary concepts in commercial illustration, composition, style and techniques will be studied in books, magazines, and advertising illustrations. **Prerequisite:** ART 209 or equivalent. (SPRING).

ART 409 DIGITAL IMAGING—*Three hours lecture; 3 credits.* Students learn how to use Photoshop for composite images. Topics include good quality scans and prints, as well as in-class exercises designed to show various aspects of the software package. (FALL).

ART 411 INDIAN ART OF MEXICO AND THE AMERICAS—*Three hours; 3 credits.* This course deals with the arts of various cultures of Mesoamerica and the Americas from the beginning to 1521. The cultures included are the Olmecs, Mextecs, Zapatecs, Huastecs, May- as, Aztecs, Incas and other cultures in the Americas and the Caribbean. The objective of the study is approached through lectures, seminars, field trips and audio-visual materials. **Prerequisite:** HUMA 201, 211, or equivalent. (FALL).

ART 412 PAINTING: MURAL—*Two hours lecture, four hours lab; 3 credits.* Students will develop projects in painting that explore the possibilities of new or mixed media. Independent experimentation is expected. **Prerequisite:** ART 109 or equivalent. (SPRING).

ART 440 ADVANCED PAINTING—*Two hours lecture, four hours lab; 3 credits.* This course is designed for junior- and senior-level students, who will study advanced techniques and concepts in painting. Students will develop a personal direction in painting. **Prerequisite:** ART 109 and ART 340. (SPRING).

ART 450 RELIEF AND SCREENPRINTING—*Two hours lecture, four hours lab; 3 credits.* This course explores the basic tools and aesthetic possibilities of both relief and screen printing. Students work on solo and team projects using traditional and computer-assisted imaging. Within this one-semester course, students create independent projects in both silkscreen and relief. (FALL).

ART 464 BRONZE CASTING—*Two hours lecture, four hours lab; 3 credits.* This course is designed to develop skills in bronze casting techniques. Students learn all procedures of bronze casting, leading to completion of at least one bronze sculpture. (SPRING).

ART 473 COLOR PHOTOGRAPHY—*Two hours lecture, four hours lab; 3 credits.* Students learn basic color exposure development and printing techniques through an introduction to daylight Tungsten slide and negative films. Students focus on mastering color printing. (FALL).

ART 477 DIGITAL PHOTOGRAPHIC IMAGING–*Two hours lecture, four hours lab; 3 credits.* This course focuses on digital photography as an alternative to film photography, and it is structured around a combination of software demonstrations,

techniques and aesthetics. (FALL).

ART 482 COMPUTER GRAPHICS II—*Two hours lecture, four hours lab hours; 3 credits.* This course is a continuation of ART 284. Students will develop a mastery of Adobe Creative Suite while being introduced to the techniques and concepts of interactivity and web design. Through coursework, demonstrations, and critiques students will develop the conceptual and technical skills necessary to succeed in a professional environment. **Prerequisite:** ART 109 and ART 284. (FALL/SPRING).

ART 490 ADVANCED ILLUSTRATION—*Two hours lecture, four hours lab; 3 credits.* This course covers contemporary concepts in professional illustration, with emphasis on composition, style and techniques. Course work emphasizes meeting deadlines, evoking appropriate mood and realizing a concept that solves the problems presented. **Prerequisite:** ART 209. (SPRING).

ART 495 SENIOR STUDIO I—*Two hours lecture, four hours lab; 3 credits.* All majors must take Senior Studio. This course provides the opportunity for students to develop their portfolios, do internships, or complete long-term professional projects. Students with an Art History focus will use this opportunity to do a long-term research project or a museum or gallery internship. (Formerly ART 417: Media: Independent Study) (Formerly Senior Studio) (FALL/SPRING).

ART 496 SENIOR STUDIO II—*Two hours lecture, 4 hours lab; 3 credits.* All majors must take Senior Studio II. This course is a continuation of ART 495 (Senior Studio I) and provides an opportunity for students to complete long-term projects such as: portfolio development, internships, and long-term professional projects. Students with an Art History focus may use this opportunity to complete long-term research projects. (FALL/SPRING).

ART 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (FALL/ SPRING).

ART 499 SENIOR RESEARCH OR TEACHING/TUTORIAL ASSISTANTSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and re- quires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (FALL/SPRING).

HONORS MUSIC COURSE OFFERINGS

MUSC 388 GREAT WORKS—DIRECTED READ-ING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi- independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite**: admission to the Departmental Honors Program. (OFFERED AS NEEDED).

MUSC 389 GREAT WORKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I. (OFFEREDAS NEEDED).

MUSC 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the Departmental faculty. This half of the two-course sequence should be pursued during the Fall semester. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I and II. (OFFERED AS NEEDED).

MUSC 489 SENIOR HONORS THESIS II—*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I.

(SPRING).

COURSE DESCRIPTIONS IN MUSIC

APPLIED MUSIC

MUSA 101 PIANO I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 102 PIANO II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 101 (FALL/SPRING).

MUSA 109 VOICE I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 110 VOICE II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 109. (FALL/SPRING).

MUSA 113 ORGAN I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 114 ORGAN II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 113. (FALL/SPRING).

MUSA 119 MUSIC PROFICIENCY LAB I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 120 MUSIC PROFICIENCY LAB II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 119. (FALL/SPRING).

MUSA 131 BRASS I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 132 BRASS II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 131. (FALL/SPRING).

MUSA 141 WOODWINDS I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 142 WOODWINDS II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 141. (FALL/SPRING).

MUSA 151 STRINGS I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 152 STRINGS II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 151. (FALL/SPRING).

MUSA 165 PERCUSSION I—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. (FALL/SPRING).

MUSA 166 PERCUSSION II—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 165. (FALL/SPRING).

MUSA 201 PIANO III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 102. (FALL/SPRING).

MUSA 202 PIANO IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 201. (FALL/SPRING).

MUSA 209 VOICE III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 110. (FALL/SPRING).

MUSA 210 VOICE IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 209. (FALL/SPRING).

MUSA 213 ORGAN III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 114. (FALL/SPRING).

MUSA 214 ORGAN IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 213. (FALL/SPRING).

MUSA 219 MUSIC PROFICIENCY LAB III— *One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 120. (FALL/SPRING).

MUSA 220 MUSIC PROFICIENCY LAB IV— *One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 219. (FALL/SPRING).

MUSA 231 BRASS III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 132. (FALL/SPRING).

MUSA 232 BRASS IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 231. (FALL/SPRING).

MUSA 241 WOODWINDS III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 142. (FALL/SPRING).

MUSA 242 WOODWINDS IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 241. (FALL/SPRING).

MUSA 251 STRINGS III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 152. (FALL/SPRING).

MUSA 252 STRINGS IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 251. (FALL/SPRING).

MUSA 265 PERCUSSION III—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 166. (FALL/SPRING).

MUSA 266 PERCUSSION IV—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 265. (FALL/SPRING).

MUSA 301 PIANO V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 202. (FALL/SPRING).

MUSA 302 PIANO VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 301. (FALL/SPRING).

MUSA 309 VOICE V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 210. (FALL/SPRING).

MUSA 310 VOICE VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 309. (FALL/SPRING).

MUSA 313 ORGAN V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 214. (FALL/SPRING).

MUSA 314 ORGAN VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 313. (FALL/SPRING).

MUSA 331 BRASS V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 232. (FALL/SPRING).

MUSA 332 BRASS VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 331. (FALL/SPRING).

MUSA 341 WOODWINDS V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 242. (FALL/SPRING).

MUSA 342 WOODWINDS VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 341. (FALL/SPRING).

MUSA 351 STRINGS V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 342. (FALL/SPRING).

MUSA 352 STRINGS VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 351. (FALL/SPRING).

MUSA 365 PERCUSSION V—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 266. (FALL/SPRING).

MUSA 366 PERCUSSION VI—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 365. (FALL/SPRING).

MUSA 401 PIANO VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 302. (FALL/SPRING).

MUSA 402 PIANO VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 302. (FALL/SPRING).

MUSA 409 VOICE VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 310. (FALL/SPRING).

MUSA 410 VOICE VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 409. (FALL/SPRING).

MUSA 413 ORGAN VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 314. (FALL/SPRING).

MUSA 414 ORGAN VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 413. (FALL/SPRING).

MUSA 431 BRASS VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 332. (FALL/SPRING).

MUSA 432 BRASS VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 431. (FALL/SPRING).

MUSA 441 WOODWINDS VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 342 (FALL/SPRING).

MUSA 442 WOODWINDS VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 441. (SPRING).

MUSA 451 STRINGS VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 352. (FALL/SPRING).

MUSA 452 STRINGS VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 451. (FALL/SPRING).

MUSA 465 PERCUSSION VII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 366. (FALL/SPRING).

MUSA 466 PERCUSSION VIII—*One hour; 1 credit.* This private lesson course provides one hour and one credit for music majors in their applied area. **Prerequisite:** MUSA 465. (FALL/SPRING).

MUSIC

MUSC 100-101 CLASS PIANO I AND II—*Two hours; 1-1 credit.* Continuous course. This course provides class instruction in the fundamentals of keyboard technique for music majors needing study

on an elementary level. Open to all majors until satisfaction of the basic requirements for teaching certificate in the State of Maryland have been met. (FALL/SPRING).

MUSC 102-103 CLASS PIANO III AND IV— *Two hours; 1-1 credit.* Continuous course. This course provides class instruction in advanced keyboard technique for music majors needing study on an elementary level. Open to all University students. To be taken by music majors until satisfaction of the basic requirements for teaching certificate in the State of Maryland have been met. **Prerequisite**: MUSC 101. (FALL/SPRING).

MUSC 107-108 CLASS VOICE I AND II—*One hour; 1-1 credit.* Continuous course. This course provides class instruction in fundamentals of vocal technique for music majors needing study on an elementary level. Open to all University students. (FALL/SPRING).

MUSC 127-128 UNIVERSITY CHOIR I AND II— *Four hours; 1-1 credit.* Continuous credit. Participation is open to all University students, subject to approval of the Director. (FALL/SPRING).

MUSC 135-136 AURAL SKILLS I AND II—*Two hours; 2-2 credits.* Continuous course. These courses deal with the practical aspects of music reading/singing. They are designed to develop aural recognition of musical sounds, dictation, and sight reading/singing, using moveable and fixed "doh". Computers will be used to assist students with their learning. These courses should be taken simultaneously with MUSC 171-172. (FALL/SPRING).

MUSC 161-162 UNIVERSITY BAND I AND II— *Three hours; 1-1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. (FALL/SPRING).

MUSC 171-172 MUSIC THEORY I AND II— *Three hours; 3-3 credits.* Continuous course. A study of the rudments of music including pitch and register, rhythm and meter, and the analysis/construction of scales, intervals, triads and seventh chords. The second semester covers the fundamentals of two-voice counterpoint, the treatment of consonance and dissonance, and incorporates elements of 16th and 18th century practice. (FALL/SPRING).

MUSC 175-176 COMPOSITION SEMINAR I AND II—*Two hours; 2-2 credits*. Continuous course. A study of the theoretical techniques and aesthetic implications involved in original compositions, particularly from tonal perspectives. (FALL/SPRING).

MUSC 183-184 INSTRUMENTAL ENSEMBLE I AND II—*Two hours; 1-1 credit.* Continuous course. These courses offer ensemble experience in repertoire, challenges in intonation and balance, phrasing, and related matters. (FALL/SPRING).

MUSC 186 JAZZ WORKSHOP—*Four hours; 1 credit. Continuous course.* Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. (SPRING).

MUSC 227-228 UNIVERSITY CHOIR III AND IV —*Four hours; 1-1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. **Prerequisite:** MUSC 128. (FALL/SPRING).

MUSC 235-236 AURAL SKILLS III AND IV— *Two hours; 2-2 credits.* Continuous course. A continuation of MUSC 136 with emphasis on the chromatic and con- temporary materials. Students will be required to transcribe recorded materials. **Prerequisite**: MUSC 136. (FALL/ SPRING).

MUSC 241-242 ACCOMPANYING I and II— *Two hours; 1-1 credit.* Continuous Course. This course deals with the art of accompanying vocalists or instrumentalists on piano or organ. Students will learn how to listen as they play and learn effective ensemble skills. Course is required of all Piano or Organ Majors. (FALL/SPRING).

MUSC 261-262 UNIVERSITY BAND III AND IV—*Three hours; 1-1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. **Prerequisite:** MUSC 162. (FALL/SPRING).

MUSC 267 AFRICAN-AMERICAN MUSIC *Three hours; 3 credits.* This is a survey course delineating the general characteristics of Sub-Saharan African music, the results of acculturation of African and European styles in the Americas, and the international contributions of Black musical artists. This course is open to all University students.

(OFFERED AS NEEDED).

MUSC 268 SURVEY OF JAZZ—*Three hours; 3 credits.* This course examines the elements, instruments, ensembles, musicians, and the dialects of jazz from its origins to the present. It is open to all University students. (OFFERED AS NEEDED).

MUSC 271-272 MUSIC THEORY III AND IV—*Three hours; 3-3 credits.* Continuous course. This is a continuation of MUSC 172. The Diatonic common practice with emphasis on chromatic, dissonant harmony. The fourth semester examines the contemporary music language-set theory, twelve-tone, serial music. Introduction to Schenkerian analysis and other theoretical writings of the twentieth century. **Prerequisites:** MUSC 136 and MUSC 172. (FALL/SPRING).

MUSC 281-282 MUSIC HISTORY I AND II— *Three hours; 3-3 credits.* Continuous course. A survey of the history of the development of Western music from the Ancient period to the Renaissance. **Prerequisites:** MUSC 136 and MUSC 172. (FALL/SPRING).

MUSC 283-284 INSTRUMENTAL ENSEMBLE III AND IV—*Two hours; 1-1 credit.* Continuous course. These courses will offer ensemble experience in advanced repertoire, challenges in intonation and balance, phrasing, and related matters. **Prerequisite**: MUSC 184. (FALL/SPRING).

MUSC 286 JAZZ WORKSHOP—*Four hours; 1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. (SPRING).

MUSC 311-312 VOCAL CLASS METHODS I AND II— *Two hours; 1-1 credit.* Continuous course. This class provides techniques in vocal production, breathing, resonance, and vowel color. (FALL/SPRING).

MUSC 318 KEYBOARD HARMONY—*Two hours; 1 credit.* This course provides harmonic exercise at the keyboard. Elements of four-part harmonization, piano accompaniment style, and improvisational techniques, will be studied. (SPRING).

MUSC 319 LYRIC DICTION—*Two hours; 2 credits.* This course will introduce students to the IPA (International Phonetic Alphabet) and the rules for usage. Students will practice drills, reading and IPA translation in Italian and English and apply these skills to Italian song and opera texts. This course is required for all voice majors. (FALL).

MUSC 320 LYRIC DICTION II—*Two hours; 2 credits.* This course will continue an examination of the IPA (International Phonetic Alphabet) and the rules for usage in the German and French languages. This course is not required, but is highly recommended for all voice majors. (SPRING).

MUSC 327-328 UNIVERSITY CHOIR V AND VI—*Four hours; 1-1 credit.* Continuous credit. Participation is open to all University students, subject to approval of the Director. Prerequisite: MUSC 228. (FALL/SPRING).

MUSC 333 BRASS METHODS—*Two hours; 1 cred- it.* This course emphasizes fingerings and tonal production on keyed instruments and trombone. (SPRING).

MUSC 337 ORCHESTRATION—*Two hours; 2* credits. This course examines the various musical instruments, ranges, tessitura, color, and transpositions, and provides experience arranging and, scoring for the various instruments, and ensembles. (SPRING).

MUSC 343 WOODWIND METHODS—*Two hours; 2 credit.* This course emphasizes fingering and tonal production on woodwind instruments. (FALL).

MUSC 346 CHORAL ARRANGING—*Two hours; 2 credits.* This course aims to equip students with the com- positional skills needed to arrange pre-existing melodies and pre-existing standard compositions to suit the performance levels of the groups they will encounter in the schools, churches, and communities in which they will find themselves. This course is required of vocal music majors seeking teacher certification. (SPRING).

MUSC 350 ELECTRONIC AND COMPUTER APPLICATIONS IN MUSIC—*Two hours; 2 credits.* This course will familiarize students with computers-soft and hardware issues, electronic devices for sound generation, recording, and performance both for home and studio. It will also introduce students to computer notation and performance software. (formerly MUSC 187) (FALL/ SPRING).

MUSC 353 STRING METHODS—*Two hours; 1 credit.* This course emphasizes fingering and tonal production on string instruments. (SPRING).

MUSC 357 CONDUCTING—*Two hours; 2 credits.* This course analyzes baton technique, principles and problems of choral and instrumental conducting. (FALL).

MUSC 358 ADVANCED CONDUCTING—*Two hours; 2 credits.* This course examines more complicated baton technique, principles and problems of instrumental conducting. **Prerequisite**: MUSC 357. (OFFERED AS NEEDED).

MUSC 361-362 UNIVERSITY BAND V AND VI—*Three hours; 1-1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. **Prerequisite:** MUSC 462. (FALL/SPRING).

MUSC 363 PERCUSSION METHODS I—*Two hours; 1 credit.* This course analyzes rudiments of snare drumming, and basic techniques of other percussion instruments. (FALL).

MUSC 369-370 CHAMBER ENSEMBLE I AND II—*Three hours; 1-1 credit.* Continuous credit. This course is a study of the literature and techniques of ensemble performance, including duo pianism, piano accompanying, part-song singing, vocal duets, and ensembles. (FALL/SPRING).

MUSC 373 INSTRUMENTAL MUSIC METHODS-WOODWINDS & STRINGS—*Two hours; 2 credits.* This course will introduce to vocal and general music majors seeking teacher certification the basic knowledge of musical instruments used in the band and orchestra. Students will examine the characteristics of woodwind, string and fretted instruments, the basic methods that can be used in teaching these, and their usefulness in the classroom. This class is designed for the non-instrumental music major. (FALL).

MUSC 374 INSTRUMENTAL MUSIC METHODS-BRASS & PERCUSSION—*Two hours; 2 credits.* This course, a continuation of MUSC 373, will emphasize the brass and percussion instruments. (SPRING).

MUSC 379-380 OPERA WORKSHOP I and II – *Four hours; 1-1 credit.* Continuous Course. This course introduces opera performance to students. Students will learn standard operatic repertoire, staging, and acting, culminating in a performance for the department at the end of the semester. Course is required of all Vocal Majors. (FALL/SPRING).

MUSC 383-384 INSTRUMENTAL ENSEMBLE V AND VI—*Two hours; 1-1 credit.* Continuous course. These courses will offer ensemble experience in the more advanced repertoire, challenges in intonation and balance, phrasing, and related matters. **Prerequisite** MUSC 284. (FALL/SPRING).

MUSC 386 JAZZ WORKSHOP—*Four hours; 1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. (SPRING).

MUSC 391 THE WORLD OF MUSIC—*Three hours; 3 credits.* This survey course offers an introduction to European and American classical music from Antiquity to the present, and includes a unit on classical Jazz music. Students will be required to attend and write a paper summarizing a concert. This course is open to all university students; it requires no previous study of music. Fine and Performing Arts majors are encouraged to register. (FALL/SPRING).

MUSC 427-428 UNIVERSITY CHOIR VII AND VIII—*Four hours; 1-1 credit.* Continuous credit. Participation is open to all University students, subject to approval of the Director. **Prerequisite:** MUSC 428. (FALL/SPRING).

MUSC 439 COUNTERPOINT—*Three hours; 3* credits. This is a study of the species counterpoint, through free, canon, two and three-part counterpoint, and fugue. **Prerequisite**: MUSC 272 and MUSC 282. (OFFERED AS NEEDED)

MUSC 461-462 UNIVERSITY BAND VII AND VIII—*Three hours; 1-1 credit.* Continuous course. Participation is open to all University students, subject to approval of the Director. Additional time is required during foot- ball season. **Prerequisite:** MUSC 362. (FALL/SPRING).

MUSC 469-470 CHAMBER ENSEMBLE I AND II—*Three hours; 1-1 credit.* Continuous course. This course is a study of the literature and techniques of ensemble performance, including duo pianism, piano accompanying, part-song singing, vocal duets, and ensembles. (OFFERED AS

NEEDED).

MUSC 475-476 COMPOSITION SEMINAR VII AND VIII—*Two hours; 2-2 credits.* Continuous course. A study of the theoretical techniques and aesthetic implications involved in original compositions, particularly from the contemporary and the students perspectives. **Prerequisite**: MUSC 376. (OFFERED AS NEEDED).

MUSC 483-484 INSTRUMENTAL ENSEMBLE VII AND VIII—*Two hours; 1-1 credit.* Continuous course. These courses offer ensemble experience in contemporary repertoire, challenges in intonation and balance, phrasing, and related matters. **Prerequisite**: MUSC 384. (FALL/SPRING).

MUSC 486 JAZZ WORKSHOP—*Four hours; 1 credit. Continuous course.* Participation is open to all University students, subject to approval of the Director. Additional time is required during football season. (SPRING).

MUSC 491 REPERTOIRE SEMINAR—*Two hours; 2 credits.* This is a survey of solo literature for a given medium, with consideration of its major performers. (FALL/SPRING).

MUSC 493 VOCAL PEDAGOGY—*Two hours; 2 credits* This course will cover how to teach voice to others. Different types of vocal technique will be discussed. Course is required of all Vocal Performance Majors. (SPRING).

MUSC 494 INSTRUMENTAL PEDAGOGY– *Two hours; 2 credits* This course will cover how to teach one's applied instrument to others. Students will learn how to help beginning and advanced students develop. Course is required of all Instrumental Performance Majors. (SPRING).

MUSC 495 KEYBOARD PEDAGOGY—*Two hours; 2 credits.* This course will cover how to teach piano or other keyboard instruments to others. Students will learn how to help beginning and advanced students develop the art of playing piano. Course is required of all Piano or Organ Performance Majors. (SPRING).

MUSC 497 SEMINAR—*One hour; 1 credit.* This course is a cumulative examination of historical, theoretical, and other professional data, including verification that competencies required by the State of Maryland have been fully satisfied. (OFFERED AS NEEDED).

MUSC 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages. It requires the approval of the Departmental Chairperson. Exceptions may be approved only by the Dean. (OFFERED AS NEEDED).

MUSC 499 SENIOR RESEARCH OR TEACHING/TUTORIAL ASSISTANTSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum 3.0 cumulative and major averages. It requires the approval of the Departmental Chairperson. Exceptions may only be approved by the Dean. (OFFERED AS NEEDED).

HONORS THEATRE ARTS COURSES OFFERINGS

THEA 388 GREAT WORKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program. (OFFERED AS NEEDED).

THEA 389 GREAT WORKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi- independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program and completion of THEA 388 Great Works-Directed Reading I. (OFFERED AS NEEDED).

THEA 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-

course sequence should be pursued during the fall semester. **Prerequisite** admission to the Departmental Honors Program and completion of Directed Reading I and II. (OFFERED AS NEEDED).

THEA 489 SENIOR HONORS THESIS II:— *Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (SPRING). (OFFERED AS NEEDED).

COURSE OFFERINGS IN THEATRE ARTS

THEA 101 INTRODUCTION TO THE THEATRE—*Two hours lecture, two hours lab; 3 credits.* This is an introductory course studying theatre, its various aspects and their relationships. (FALL/SPRING).

THEA 102 FUNDAMENTALS OF STAGECRAFT—*Two hours lecture, two hours lab; 3 credits.* This course provides principles and application of theatrical scenography, construction, lighting and other technical elements of the theatre. (FALL/SPRING).

THEA 128 UNIVERSITY THEATRE I—*Three hours;1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/ SPRING).

THEA 129 UNIVERSITY THEATRE II—*Three hours; 1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/SPRING).

THEA 210 HISTORY OF THE THEATRE I— *Three hours; 3 credits.* This course provides a historic account of active literature, styles and study of Theatre from Pre-Greek to Romanticism. **Prerequisites:** THEA 101 and THEA 102. (FALL).

THEA 210 HISTORY OF THE THEATRE II— *Three hours; 3 credits.* This is a continuation of THEA 210 covering the periods from Romanticism to the present. **Prerequisite:** THEA 210. (SPRING).

THEA 220 ACTING I—*Two hours lecture, two hours lab; 3 credits.* This is an introduction to the fundamentals of stage technique—voice, character development, stage movement—through a structured series of exercises and acting assignments designed to stimulate the student's imagination and emotional responses. (FALL/SPRING).

THEA 225 SCRIPT ANALYSIS – Three *hours; 3 credits.* The course is designed to enable the student ac- tor/ director/designer to critically analyze scripts for performance. **Prerequisite:** THEA 220. (Formerly THEA 325) (FALL/ODD).

THEA 228 UNIVERSITY THEATRE III—*Three hours; 1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/ SPRING).

THEA 229 UNIVERSITY THEATRE IV—*Three hours; 1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/SPRING).

THEA 233 COSTUMING—*Two hours lecture, four hours lab; 3 credits.* This is a practical course investigating the principles governing costume design. (Formerly Costuming and Makeup) **Prerequisite:** THEA 102. (OFFERED AS NEEDED).

THEA 234 MAKE-UP DESIGN—*Two hours lecture, Four hours lab; 3 credits.* This is a practical course governing theatrical makeup design and application. **Prerequisite:** THEA 102 (OFFERED AS NEEDED)

THEA 251 STAGE MANAGEMENT— *Two hours lecture, four hours lab; 3 credits.* This course trains students in the fundamentals and regulations of theatrical stage managing. **Prerequisite:** THEA 101. (FALL).

THEA 303 ADVANCED ORAL INTERPRETATION—*Two hours lecture, one hour lab; 3 credits.* This course offers the student advanced training in communicating literary and dramatic values to an audience. **Prerequisite:** SPCH 203. (SPRING/EVEN).

THEA 305 THEATRE MANAGEMENT—*Three hours; 3 credits.* The techniques involved in theatrical

management are studied with emphasis on publicity, public relations, box office management, ticket sales and budgeting. (FALL/ODD).

THEA 312 BLACK DRAMA—*Three hours; 3 cred- its.* This course is designed to study and analyze the historical development and ideologies of African American Drama and Theatre. (FALL/EVEN).

THEA 320 ADVANCED ACTING—*Two hours lecture, two hours lab; 3 credits.* The focus of this course is the development of character, interpretation and movement as studied in varied genres and styles of stage performances. **Prerequisites:** THEA 211 and 220. (FALL/ODD).

THEA 322 TRAINING FOR THE ACTOR—*Three hours lecture; 3 credits.* This course is designed to explore the actor's voice as it is connected to movement in performance. **Prerequisites:** THEA 101, THEA 220, passing score on the Speech Proficiency Exam. (Formerly THEA 222) (SPRING/ODD).

THEA 328 UNIVERSITY THEATRE V—*Three hours; 1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/SPRING).

THEA 329 UNIVERSITY THEATRE VI—*Three hours; 1 credit.* Participation is open to all University students, subject to approval of the Program Coordinator. (FALL/SPRING).

THEA 340 SCENE DESIGN (SCENOGRAPHY)—*Two hours lecture, two hours lab; 3 credits.* This is a practical course investigating the principles governing scene design and construction of theatrical environments. **Prerequisite:** THEA 102. (FALL).

THEA 343 LIGHTING DESIGN—*Two hours lecture, two hours lab; 3 credits.* This is a practical course investigating theories of light, color and the principles governing stage lighting. (Formerly Stage Lighting). **Prerequisite:** THEA 102. (SPRING).

THEA 350 PERFORMANCE LABORATORY: INTERNSHIP—*Two hours lecture, four hours lab; 3 credits.* This practical course is designed to provide the student with performance opportunities beyond University productions. (Formerly THEA 250). **Prerequisites:** THEA 220 and approval of Program Coordinator.

THEA 416 DRAMATIC THEORY AND CRITICISM—*Three hours; 3 credits.* This is a seminar course researching theatrical genres and investigating dramatic criticism principles. **Prerequisite**: THEA 211. (OFFERED AS NEEDED).

THEA 420—THEATRE WORKSHOP: Advanced Scene Study *Two hours lecture, four hours lab; 3 cred- its.* Explores special topics in scenes with specific motivational analytical character or other acting problems, focusing on scene study, script analysis and character development. **Prerequisite:** THEA 320. (FALL/ODD).

THEA 421 THEATRE WORKSHOP: Children's Theatre—*Two hours lecture, four hours lab; 3 credits.* Explores special topics in directing, acting, and the production of theatre for children and youth; improvisation and playmaking for children. **Prerequisite:** THEA 320. (FALL/EVEN).

THEA 422 THEATRE WORKSHOP: Performing Arts Theatre—*Two hours lecture, four hours lab; 3 credits.* This course explores performing arts through spoken word, music, dance, and/or theatre technology. **Prerequisite:** THEA 320. (SPRING/ODD).

THEA 427 DIRECTING—*Two hours lecture, two hours lab; 3 credits.* This course focuses on the study and practice of the principles and techniques governing the directing of performance for the stage. **Prerequisite:** THEA 225 and approval of Program Coordinator. (SPRING).

THEA 450 SENIOR PRACTICUM—*One hour lecture, four hours lab; 3 credits.* This is the culminating course for all senior departmental majors. The student must complete an individual project demonstrating his competence in the discipline. **Prerequisite:** All major requirements**.** (Formerly Theatre Practicum) (FALL/ SPRING).

THEA 498 THEATRE INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site approved by the Departmental Chairperson and Theatre Arts Coordinator. Registration is limited to seniors and juniors with minimum 2.2 cumulative

and major averages. Exceptions may be approved by the Dean. (FALL/SPRING).

THEA 499 SENIOR RESEARCH OR TEACHING/TUTORIAL ASSISTANTSHIP— *Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/ tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
FINE ART-ART HISTORY TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX SB –GENERAL EDUCATION REQ	3
ART 109 BASIC DESIGN & COLOR I	3
XXX CI – GENERAL EDUCATION REQ	3
	13

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX AH- GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
XXX CT-GENERAL EDUCATION REQ	3
ART 206 BASIC PHOTOGRAPHY	3
	16

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
ART XXX – ART FREE ELECTIVE	3
ART 303 HIST. OF WESTERN ART 1	3
ART 402 INTRO TO MODERN ART	3
PHIL 345 PHIL OF ART	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXX SB –GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	3
XXX HH-GENERAL EDUCATION REQ	3
ART 304 HIST. OF WESTERN ART II	3
ART 220 – VISUAL ANALYSIS	3
	15

JUNIOR YEAR (FIRST SEMESTER)

PHEC XXX PHYSICAL EDUCTATION	1
XXX IM–GENERAL EDUCATION REQ	3
HIST 101 WORLD HISTORY I	3
SOCI 380 METHODS OF SOC. RSRCH I	3
ART 477 DIGITAL PHOTOG. IMAGING	3
XXX FOREIGN LANGUAGE I**	3
	16

JUNIOR YEAR (SECOND SEMESTER)

ART 272 HIST. OF PHOTOGRAPHY	3
ART 405 CONTEMPORARY ART	3
XXX – FREE ELECTIVE	3
RELG 305 INTRO. TO WORLD RELG.	3
XXX FOREIGN LANGUAGE II**	3
	15

SENIOR YEAR (FIRST SEMESTER)

XXX BP –GENERAL EDUCATION REQ	4
XXX LIBERAL ARTS CORE	3
ART 309 AMERICAN ART	3
ART 495 SENIOR STUDIO I	3
HIST 311 THE ANCIENT WORLD	3
	16

SENIOR YEAR (SECOND SEMESTER)

ART 310 TRADITIONAL AFRICAN ART	3
ART 496 SENIOR STUDIO II	3
XXX FREE ELECTIVE	2
ART 302 – CERAMICS .	3
XXX LIBERAL ARTS CORE	3
	14

TOTAL: 120

***See General Education requirements for eligible courses.** **Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
FINE ART-GRAPHIC DESIGN FOCUS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX SB –GENERAL EDUCATION REQ	3
ART 109 BASIC DESIGN & COLOR I	3
ART 209 DRAWING I	3
	13

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX SB- GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
ART 110 BASIC DESIGN & COLOR II	3
ART 210 DRAWING II	3
	16

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX CI – GENERAL EDUCATION REQ	3
ART 284 COMPUTER GRAPHICS I	3
ART 206 BASIC PHOTOGRAPHY	3
ART 280 TYPOGRAPHY	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	3
XXX HH-GENERAL EDUCATION REQ	3
XXX CT-GENERAL EDUCATION REQ	3
ART 282 GRAPHICS DESIGN I	3
	15

JUNIOR YEAR (FIRST SEMESTER)

PHEC XXX PHYSICAL EDUCTATION	1
ART 240 BASIC PAINTING	3
ART 382 ADV. GRAPHIC DESIGN	3
ART 303 HISTORY OF WESTERN ART I	3
ART 220 VISUAL ANALYSIS	3
XXX FOREIGN LANGUAGE I**	3
	16

JUNIOR YEAR (SECOND SEMESTER)

ART 304 HIST. OF WESTERN ART II	3
ART 482 COMPUTER GRAPHICS II	3
ART 401 LIFE DRAWING	3
XXX IM–GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE II**	3
	15

SENIOR YEAR (FIRST SEMESTER)

XXX BP –GENERAL EDUCATION REQ	4
ART 309 AMERICAN ART	3
ART 495 SENIOR STUDIO I	3
SWAN 345 ANIMATION WORKSHOP	3
XXX LIBERAL ARTS CORE	3
	16

SENIOR YEAR (SECOND SEMESTER)

XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	2
ART XXX ART ELECTIVE	3
ART 496 SENIOR STUDIO II	3
XXX LIBERAL ARTS CORE	3
	14

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
FINE ART-ILLUSTRATION FOCUS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX SB – GENERAL EDUCATION REQ	3
ART 109 BASIC DESIGN & COLOR I	3
ART 209 DRAWING I	3
	13

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX SB –GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
ART 110 BASIC DESIGN COLOR II	3
ART 210 DRAWING II	3
	16

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX CI-GENERAL EDUCATION REQ	3
ART 206 BASIC PHOTOGRAPHY	3
ART 284 COMPUTER GRAPHICS I	3
ART 290 BASIC ILLUSTRATION	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXX CT-GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	3
XXX HH-GENERAL EDUCATION REQ	3
ART 390 INTERMEDIATE ILLUSTRATION	3
ART 401 LIFE DRAWING	3
	15

JUNIOR YEAR (FIRST SEMESTER)

PHEC XXX PHYSICAL EDUCTATION	1
ART 240 BASIC PAINTING	3
ART 303 HISTORY OF WESTERN ART I	3
ART 490 ADVANCED ILLUSTRATION	3
XXX FOREIGN LANGUAGE I**	3
ART 220 VISUAL ANALYSIS	3
	16

JUNIOR YEAR (SECOND SEMESTER)

ART 304 HIST. OF WESTERN ART II	3
ART 482 COMPUTER GRAPHICS II	3
XXX AH-GENERAL EDUCATION REQ	3
XXX IM-GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE II**	3
	15

SENIOR YEAR (FIRST SEMESTER)

XXX BP-GENERAL EDUCATION REQ	4
SWAN 345 ANIMATION WORKSHOP	3
ART 309 AMERICAN ART	3
ART 495 SENIOR STUDIO I	3
XXX LIBERAL ARTS CORE	3
	16

SENIOR YEAR (SECOND SEMESTER)

XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	2
ART XXX ART FREE ELECTIVE	3
ART 496 SENIOR STUDIO II	3
XXX LIBERAL ARTS CORE	3
	14

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
FINE ART – MULTI MEDIA STUDIO FOCUS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX SB – GENERAL EDUCATION REQ	3
ART 109 BASIC DESIGN & COLOR I	3
ART 209 DRAWING I	3
	13

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX SB –GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
ART 110 BASIC DESIGN COLOR II	3
ART 210 DRAWING II	3
	16

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX CI-GENERAL EDUCATION REQ	3
ART 206 BASIC PHOTOGRAPHY	3
ART 284 COMPUTER GRAPHICS I	3
ART 260 BASIC SCULPTURE	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	3
XXX HH-GENERAL EDUCATION REQ	3
XXX CT-GENERAL EDUCATION REQ	3
ART 401 LIFE DRAWING	3
	15

JUNIOR YEAR (FIRST SEMESTER)

PHEC XXX PHYSICAL EDUCTATION	1
ART 240 BASIC PAINTING	3
ART 303 HISTORY OF WESTERN ART I	3
ART XXX TRACK OPTION	3
ART XXX ART FREE ELECTIVE	3
XXX FOREIGN LANGUAGE I**	3
	16

JUNIOR YEAR (SECOND SEMESTER)

ART XXX ART TRACK OPTION	3
ART 304 HIST. OF WESTERN ART II	3
ART 112 COMPUTERS IN ART & DESIGN	3
XXX IM-GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE II**	3
	15

SENIOR YEAR (FIRST SEMESTER)

XXX BP-GENERAL EDUCATION REQ	4
ART XXX ART TRACK OPTION	3
ART 309 AMERICAN ART	3
ART 495 SENIOR STUDIO I	3
XXX LIBERAL ARTS CORE	3
	16

SENIOR YEAR (SECOND SEMESTER)

XXX FREE ELECTIVE	2
ART 220 VISUAL ANALYSIS	3
ART XXX ART TRACK OPTION	3
ART 496 SENIOR STUDIO II	3
XXX LIBERAL ARTS CORE	3
	14

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
MUSIC MAJOR - INTRUMENTAL
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	4
MUSC 1XX PRIVATE LESSONS I	1
MUSC 100 CLASS PIANO I	1
MUSC 135 AURAL SKILLS I	2
MUSC 161 UNIVERISTY BAND I	1
MUSC 171 MUSIC THEORY I	3
	16

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	3
MUSA 1XX PRIVATE LESSONS II	1
MUSC 101 CLASSS PIANO II	1
MUSC 136 AURAL SKILLS II	2
MUSC 162 UNIVERISTY BAND II	1
MUSC 172 MUSIC THEORY II	3
PHEC XXX PHYSICAL EDUCTATION	1
	15

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSA 2XX PRIVATE LESSONS IV	1
MUSC 102 CLASS PIANO III	1
MUSC 235 AURAL SKILLS III	2
MUSC 262 UNIVERISTY BAND IV	1
MUSC 271 MISC THEORY III	3
MUSC 281 MUSIC HISTORY I	3
MUSC 311 VOICE CLASS METHODS I	1
MUSC 343 WOODWIND METHODS	1
MUSC 363 PERCUSSION METHODS	1
	17

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSA 2XX PRIVATE LESSONS IV	1
MUSC 103 CLASS PIANO IV	1
MUSC 236 AURAL SKILLS IV	2
MUSC 262 UNIVERISTY BAND IV	1
MUSC 272 MUSIC THEORY IV	3
MUSC 282 MUSIC HISTORY IV	3
	14

JUNIOR YEAR (FIRST SEMESTER)

XXX SB –GENERAL EDUCATION REQ	3
XXX HH-GENERAL EDUCATION REQ	3
MUSA 3XX PRIVATE LESSONS VI	1
MUSC 357 CONDUCTING	2
MUSC 361 UNIVERISTY BAND V	1
XXX FOREIGN LANGUAGE I**	3
XXX LIBERAL ARTS CORE	3
	16

JUNIOR YEAR (SECOND SEMESTER)

XXX SB –GENERAL EDUCATION REQ	3
MUSA 3XX PRIVATE LESSONS VI	1
MUSC 333 BRASS METHODS	1
MUSC 353 STRING METHODS	1
MUSC 362 UNIVERISTY BAND VI	1
XXX FOREIGN LANGUAGE II**	3
XXX LIBERAL ARTS CORE	3
	13

SENIOR YEAR (FIRST SEMESTER)

XXX CT-GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
MUSA PRIVATE LESSONS VII	1
MUSC 350 ELEC &* COMP MUSIC I	2
MUSC 461 UNIVERSITY BAND VII	1
XXX FREE ELECTIVE	3
	14

SENIOR YEAR (SECOND SEMESTER)

XXX CI-GENERAL EDUCATION REQ	3
XXX IM-GENERAL EDUCATION REQ	3
MUSA XXX PRIVATE LESSON VIII	1
MUSC 462 UNIVERSITY BAND VIII	1
EDUC 459 METH OF TEACHING MUSC	3
XXX FREE ELECTIVE	1
XXX FREE ELECTIVE	3
	15

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
MUSIC MAJOR – PIANO OR ORGAN
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	4
MUSA XXX PRIVATE LESSONS I	1
MUSC 127 UNIVERSITY CHOIR I	1
MUSC 135 AURAL SKILLS I	2
MUSC 171 MUSIC THEORY I	3
	15

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC – GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	3
MUSA 1XX PRIVATE LESSONS II	1
MUSC 128 UNIVERSITY CHOIR II	1
MUSC 136 AURAL SKILLS II	2
MUSC 171 MUSIC THEORY II	3
PHEC XXX PHYSICAL ED ELEC.	1
	14

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSA 2XX PRIVATE LESSONS III	1
MUSC 227 UNIVERISTY CHOIR III	1
MUSC 235 AURAL SKILLS III	2
MUSC 241 ACCOMPANYING	1
MUSC 271 MISC THEORY III	3
MUSC 281 MUSIC HISTORY I	3
MUSC 311 VOICE CLASS METHODS I	1
MUSC 343 WOODWIND METHODS	1
MUSC 363 PERCUSSION METHODS	1
	17

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSA 2XX PRIVATE LESSONS IV	1
MUSC 228 UNIVERSITY CHOIR IV	1
MUSC 236 AURAL SKILLS IV	2
MUSC 272 MUSIC THEORY IV	3
MUSC 282 MUSIC HISTORY II	3
XXX FREE ELECTIVE	3
	16

JUNIOR YEAR (FIRST SEMESTER)

XXX SB –GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE I**	3
XXX HH-GENERAL EDUCATION REQ	3
MUSA 3XX – PRIVATE LESSONS V	1
MUSC 327 UNIVERSITY CHOIR V	1
MUSC 357 CONDUCTING	2
XXX LIBERAL ARTS CORE	3
	16

JUNIOR YEAR (SECOND SEMESTER)

XXX SB – GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE II**	3
MUSA 3XX PRIVATE LESSONS VI	1
MUSC 328 UNIVERSITY CHOIR VI	1
MUSC 333 BRASS METHODS	1
MUSC 353 STRING METHODS	1
XXX LIBERAL ARTS CORE	3
	13

SENIOR YEAR (FIRST SEMESTER)

XXX CT-GENERAL EDUCATION REQ	3
MUSA 4XX PRIVATE LESSONS VII	1
MUSC 350 ELEC & COMP MUSIC	2
MUSC 427 UNIVERSITY CHOIR VII	1
XXX MQ-GENERAL EDUCATION REQ	4
XXX FREE ELECTIVE	3
	14

SENIOR YEAR (SECOND SEMESTER)

XXX CI-GENERAL EDUCATION REQ	3
MUSA 4XX PRIVATE LESSONS VIII	1
MUSC 491 REPERTOIRE SEMINAR	2
MUSC 495 KEYBOARD PEDAGOGY	2
EDUC 459 METH OF TEACHING MUSC	3
XXX IM-GENERAL EDUCATION REQ	3
XXX FREE ELECTIVE	1
	15

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
MUSIC MAJOR – VOCAL
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	4
MUSC 100 CLASS PIANO I	1
MUSA 109 PRIVATE LESSONS I	1
MUSC 127 UNIVERSITY CHOIR I	1
MUSC 135 AURAL SKILLS I	2
MUSC 171 MUSIC THEORY I	3
	16

FRESHMAN YEAR (SECOND SEMESTER)

PHEC XXX PHYSICAL ED ELEC.	1
XXX EC –GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	3
MUSC 101 CLASS PIANO II	1
MUSA 110 PRIVATE LESSONS II	1
MUSA 128 UNIVERSITY CHOIR II	1
MUSA 135 AURAL SKILLS II	2
MUSA 172 MUSIC THEORY II	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSC 102 CLASS PIANO III	1
MUSA 209 PRIVATE LESSONS III	1
MUSC 227 UNIVERSITY CHOIR III	1
MUSC 235 AURAL SKILLS III	2
MUSA 271 MUSIC THEORY III	3
MUSC 281 MUSIC HISTORY I	3
MUSC 319 LYRIC DICTION I	2
	16

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
MUSC 103 CLASS PIANO IV	1
MUSA 210 PRIVATE LESSONS IV	1
MUSC 228 UNIVERSITY CHOIR IV	1
MUSC 236 AURAL SKILLS IV	2
MUSC 272 MUSIC THEORY IV	3
MUSA 282 MUSIC HISTORY II	3
MUSC 320 LYRIC DICTION II	2
	16

JUNIOR YEAR (FIRST SEMESTER)

XXX SB-GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE I	3
XXX HH-GENERAL EDUCATION REQ	3
XXX LIBERAL ARTS CORE	3
MUSA 309 PRIVATE LESSONS V	1
MUSC 327 UNIVERSITY CHOIR V	1
MUSC 357 CONDUCTING	2
MUSC 379 OPERA WORKSHOP I	1
	17

JUNIOR YEAR (SECOND SEMESTER)

XXX SB-GENERAL EDUCATION REQ	3
XXX FOREIGN LANGUAGE II	3
XXX LIBERAL ARTS CORE	3
MUSA 310 PRIVATE LESSONS VI	1
MUSC 328 UNIVERSITY CHOIR VI	1
XXX FREE ELECTIVE	3
	14

SENIOR YEAR (FIRST SEMESTER)

XXX CT-GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
MUSC 350 ELECTR. & COMP. MUSIC	2
MUSA 409 PRIVATE LESSONS VII	1
MUSC 427 UNIVERSITY CHOIR	1
XXX FREE ELECTIVE	2
	13

SENIOR YEAR (SECOND SEMESTER)

XXX CI-GENERAL EDUCATION REQ	3
XXX IM-GENERAL EDUCATION REQ	3
MUSA 410 PRIVATE LESSONS VIII	1
EDUC 459 METH OF TEACHING MUSC	3
XXX FREE ELECTIVE	3
	13

TOTAL: 120

***See General Education requirements for eligible courses.** **Two sequential courses in the same language.

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Department of Fine and Performing Arts
THEATRE ARTS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 FRESHMAN ORIENTATION	1
XXX EC – GENERAL EDUCATION REQ	3
XXX BP –GENERAL EDUCATION REQ	4
XXX SB –GENERAL EDUCATION REQ	3
THEA 101 INTRO TO THEATRE	3
THEA 128 UNIVERSITY THEATRE	1
	15

FRESHMAN YEAR (SECOND SEMESTER)

XXX EC- GENERAL EDUCATION REQ	3
XXX SB –GENERAL EDUCATION REQ	3
XXX BP-GENERAL EDUCATION REQ	3
THEA 102 FUND. STAGECRAFT	3
THEA 129 UNIV. THEATRE II	1
PHEC XXX PHYSICAL EDUCATION	1
	14

SOPHOMORE YEAR (FIRST SEMESTER)

XXX AH – GENERAL EDUCATION REQ	3
XXX MQ-GENERAL EDUCATION REQ	4
XXX HH-GENERAL EDUCATION REQ	3
THEA 210 HIST OF THEATRE I	3
THEA 220 ACTING 1	3
THEA 228 UNIV THEATRE III	1
	17

SOPHOMORE YEAR (SECOND SEMESTER)

XXX AH- GENERAL EDUCATION REQ	3
XXX CT –GENERAL EDUCATION REQ	3
THEA 251 STAGE MANAGEMENT	3
THEA 211 HIST OF THEATRE II	3
THEA 225 SCRIPT ANALYSIS	3
THEA 229 UNIV THEATRE IV	1
	16

JUNIOR YEAR (FIRST SEMESTER)

XXX IM- GENERAL EDUCATION REQ	3
XXX CI- GENERAL EDUCATION REQ	3
THEA 320 ADV. ACTING	3
THEA 328 UNIV THEATRE V	1
THEA 343 LIGHTING DESIGN	3
THEA XXX THEA ELECTIVE	3
	16

JUNIOR YEAR (SECOND SEMESTER)

XXX FOREIGN LANGUAGE I	3
THEA 322 VOCAL TRAINING	3
THEA 328 UNIV THEATRE V	1
THEA 340 THEA DESIGN	3
THEA 350 LAB/INTERNSHIP	3
	13

SENIOR YEAR (FIRST SEMESTER)

XXX FOREIGN LANGUAGE II	3
XXX LIBERAL ARTS CORE	3
THEA 498 THEATRE INTERNSHIP	3
THEA XXX THEA ELECTIVE	3
THEA XXX THEA ELECTIVE	3
	15

SENIOR YEAR (SECOND SEMESTER)

XXX LIBERAL ARTS CORE	3
THEA 427 DIRECTING	3
THEA 450 THEATRE PRACTICUM	3
THEA XXX THEA ELECTIVE	3
XXX FREE ELECTIVE	2
	14

TOTAL: 120

***See General Education requirements for eligible courses.**
**Two sequential courses in the same language.
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

HISTORY AND GEOGRAPHY

Chairperson of Department: ASSOCIATE PROFESSOR ANNETTE PALMER; Professors: JEREMIAH DIBUA, DEBRA NEWMAN HAM, LAWRENCE PESKIN, GLENN PHILLIPS; Associate Professors: BRETT BERLINER, MARY ANN FAY, JOHN HOSLER, ROBERT MORROW, LINDA NOEL; Assistant Professors: MARK BARNES, BRANDI BRIMMER, TAKKARA BRUNSON, FRANCIS DUBE, NATANYA DUNCAN, ALEXANDER PAVUK, DAVID TERRY; Lecturers: MARCUS ALLEN, HERBERT BREWER, BRENDA BROWN, SCHROEDER CHERRY, JEFFREY COSTER, DANIEL GREGORY, DERICK HENDRICKS, GLORIA MARROW, JYOTI MOHAN, SAMUEL NGOVO, AUBREY THOMPSON.

THE DEPARTMENTAL PHILOSOPHY

The Department of History and Geography seeks to convey the essence and excitement of its disciplines to students. Faculty members are committed to disabusing students of the impression that history is the memorization of dates and learning by rote and that geography is merely memorizing the locations of cities and states. Students are engaged with their historical heritage and are encouraged to find the links between that heritage and their place in today's interconnected and ever-changing world. Geography, with its focus on globalization, emphasizes these connections. To these ends, faculty members challenge students with materials and assignments that call for thought and reflection, encourage them to ask probing questions and require them to write substantive essays that are historically and geographically accurate, and composed according to the standards of formal English.

In the history offerings of the General Education Program, faculty members ensure that all students at the university have a common core of historical knowledge which is necessary for them to understand contemporary political, social, economic and cultural institutions and movements. In addition, historical memory is a key to self-identity; therefore, faculty members teach students to understand their place in the stream of time and the shared humanity of all who will be touched by their future decisions.

In the geography offerings of the General Education Program, faculty members ensure that students obtain the knowledge and skills to understand our ever-changing world where connections and relationships between people and places are increasing. In addition, geographical knowledge provides the links between culture, society, and environmental processes and the spatial patterns of these processes at local, regional, national and international scales.

MISSION

The Department of History and Geography is committed to teaching the skills required of the professional historian and geographer: research, writing, analysis of sources and arguments, map skills, spatial understanding and formal research presentation. The department also prepares students to pursue professions such as teaching, law, administration, and public history. At the graduate level, the department trains professional historians, research scholars, and highly trained teachers who are capable of contributing to the field of history.

GOALS

The following goals are the key components that guide the Department of History and Geography to accomplish its mission:

- Ensure that students at the university have a common core of historical and geographical knowledge which is necessary for them to understand contemporary political, social, economic, and cultural institutions and movements.
- Engage students regarding their historical heritage and geographical place.
- Encourage students to find the links between history and their place in today's interconnected and ever-changing world; between themselves and others; and between the United States and the rest of the world.
- Train students to research, analyze, synthesize, and communicate accurate conclusions about change over time by using the historical method.
- Prepare history majors to succeed in history-related fields of endeavor or any other field that requires information retrieval and analytic skills.
- Prepare minors in geography to relate their spatial and analytic skills to any other field.

THE MAJOR IN HISTORY

History reconstructs the past and attempts to discover what people thought and did. The study of history enables students to understand the past and the present, and to prepare for the future. It provides insight into the experiences of the diverse peoples of the world as well as an understanding of the process of recording, narrating, and interpreting these events by historians. In addition to advancing historical knowledge, the department teaches students to read with understanding, to analyze and interpret ideas, and to write clear and meaningful essays.

The history major provides excellent preparation for a variety of careers. The skills and knowledge gained through historical research are good preparations for careers in law; teaching, both at the pre-collegiate and collegiate levels; theology; library science; archival management and museum work; politics and government; banking; business and industry; and administration.

The Department offers the Bachelor of Arts (B.A.) Degree in History (with tracks in General History, African/African-American History, International History and Diplomacy, and Pre-Law) and minors in General History, African/African American History, and Geography. Within the History major or minor, students may follow a program of cross-cultural or twentieth-century studies, or a program which emphasizes urban and regional studies. The department requires its majors to study six hours of a foreign language, three hours of intensive practice in writing and problem solving techniques in history, three hours of historiography or the study of the way history has been and is written, and three hours of senior thesis, a capstone course for the program.

The department sponsors a History Club and a chapter of Phi Alpha Theta, the national history honor society.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. In order to qualify for graduation, students must pass the Senior Research Seminar; must have taken two-thirds of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

DEPARTMENT REQUIREMENTS:

All history majors are required to distribute courses among skill levels and geographical areas. Within these distribution requirements, it is possible to take a wide variety of courses or to emphasize: urban or regional studies; the history of African Americans, Africa, and the African Diaspora; multi-national cross-cultural studies; or modern civilizations. More specifically, students must take HIST 299 before or at the same time as their first 300-level History course. Upon completion of HIST 299 and two 300-level History courses, students are eligible to take their two 400-level research courses. In the senior year, the student must take HIST 495 Historiography before taking HIST 497, Senior Research Seminar.

Division 1: The Americas includes the following courses: HIST 320, HIST 323, HIST 325, HIST 326, HIST 327, HIST 328, HIST 329, HIST 330, HIST 333, HIST 334, HIST 335, HIST 336, HIST 337, HIST 338, HIST 341, HIST 342, HIST 351, HIST 352, HIST 354, HIST 362, HIST 364, HIST 380, HIST 381, HIST 382, HIST 428-429, HIST 458-459, HIST 468-469.

Division 2: Europe, Africa, and Asia includes the following courses: HIST 311, HIST 312, HIST 313, HIST 314, HIST 315, HIST 316, HIST 317, HIST 318, HIST 371, HIST 372, HIST 384, HIST 385, HIST 386, HIST 387, HIST 388, HIST 389, HIST 390, HIST 415, HIST 418-419, HIST 468-469, HIST 471, HIST 478-479, HIST 488-489.

Division 3: Special Topics includes the following courses: HIST 339, HIST 340, HIST 391, HIST 392, HIST 393, HIST 394, HIST 395, HIST 396, HIST 397, HIST 398, HIST 399, HIST 490, HIST 498, and HIST 499.

Required Courses for the Major in History (General Track)

Students majoring in history with a focus on General History are required to complete the following courses:

REQUIRED COURSES

Course	Description	Credits
HIST 101*	World History I	3
HIST 102*	World History II	3
HIST 105*	History of the United States I	3
HIST 106*	History of the United States II	3
HIST 299	Writing & Prob Solving in Hist.	3
HIST 495	Historiography	3
HIST 497	Senior Research Sem.	3
HIST XXX	Division 1 Elective	3
HIST XXX	Division 1 Elective	3
HIST XXX	Division 1 Elective	3
HIST XXX	Division 2 Elective	3
HIST XXX	Division 2 Elective	3
HIST XXX	Division 2 Elective	3
HIST XXX	Division 1, 2, or 3 Elective	3
HIST XXX	Division 1, 2, or 3 Elective	3
HIST XXX	Division 1, 2, or 3 Elective	3
HIST XXX	Division 1, 2, or 3 Elective	3
For. Lang.**	Foreign Language Elective	3
For. Lang.**	Foreign Language Elective	3
Elective	Supporting Course Apprvd by Dept	3
Elective	Supporting Course Apprvd by Dept	3
Total		**60 or 63**

**One of the four required survey courses, HIST 101-102 and HIST 105-106 (or for Honors students, HIST 111-112 or HIST 115-116), may be used to satisfy three credits of the General Education Social and Behavioral Sciences requirement.*

***Two sequential courses in the same foreign language.*

Required Courses for the Major in History (African/African American History Track)

Students majoring in history with a focus on African/African American History are required to complete the following courses:

REQUIRED COURSES 33

Course	Description	Credits
HIST 105	History of the United States I	3
HIST 106	History of the United States II	3
HIST 101	World History I	3
HIST 102	World History II	3
HIST 299	Writing and Problem	3
GEOG 207	Geography of Africa	3
HIST 495	Historiography	3
HIST 497	Senior Research Sem.	3
For. Lang.**	Foreign Lang. Elective	3
For. Lang.**	Foreign Lang. Elective	3
Elective	Supporting Course Apprvd by Dept	3

GROUP A: Choose four (4) courses **12**

HIST 351 African Americans in US History
HIST 352 African-Am. Women in US Hist.
HIST 362 Women in the African Diaspora
HIST 371 Africa to 1875
HIST 372 Africa Since 1870

GROUP B: Choose seven (7) courses **21**

HIST 316 Imperialism in the Modern World
HIST 317 History of England to the Bill of Rights
HIST 320 The American Colonies
HIST 323 Am. Soc. from the Rev. to the Civil War
HIST 325 Civil War and Reconstruction
HIST 326 Twentieth Century America
HIST 328 Emerging Modern America
HIST 329 Contemporary America
HIST 330 Urban History of the United States
HIST 333 History of Baltimore
HIST 334 History of Maryland
HIST 336 History of American Law
HIST 337 American Constitutional History
HIST 351 African Americans in US History
HIST 352 African-American Women in US History
HIST 354 History of the Civil Rights Movement
HIST 364 Comparative Slavery in the Afr. Diaspora
HIST 371 Africa to 1875
HIST 372 Africa since 1870
HIST 380 History of the Caribbean
HIST 381 Hist. of Lat. Am. & the Carib. to 1823
HIST 382 Hist. of Lat. Am. & the Carib. since 1823
HIST 385 History of the Islamic World
HIST 392 Hist. of Non-Violent Protest in the 20th C
HIST 396 Environmental Crisis in Hist. Perspective
HIST 458 Colloquium in African-American Hist. I
HIST 459 Colloquium in African-American Hist. II
HIST 468 Colloquium in African Diaspora History I
HIST 469 Colloquium in African Diaspora History II
HIST 471 African Diplomatic History
HIST 478 Colloquium in African History I
HIST 479 Colloquium in African History II
HIST 499 Sr. Res. or Teaching/Tutorial Asst***

TOTAL: 66

**Two sequential courses in the same foreign language.
***For students who meet the qualifications.

Required Courses for the Major in History (International History and Diplomacy Track)

Students majoring in history with a focus on International History and Diplomacy are required to complete the following courses:

Course	Description	Credits
REQUIRED COURSES		**36**
HIST 101*	World History I	3
HIST 102*	World History II	3
HIST 105*	History of the United States I	3
HIST 106*	History of the United States II	3
GEOG 101	Introduction to Geography	3
HIST 299	Writing and Prob Solving in Hist	3
HIST 339	Internat'l Hist and Diplomacy	3
For. Lang.**	Foreign Language Elective	3
For. Lang.**	Foreign Language Elective	3
HIST 495	Historiography	3
HIST 497	Senior Research Seminar	3
HIST 498	Senior Internship	3

GROUP A: ***Choose four (4) courses from two geographic regions of the world 12***

HIST 311 The Ancient World
HIST 313 Emerging Europe
HIST 314 Europe from the Restoration thru WWII
HIST 315 Contemporary Europe
HIST 362 Women in the Diaspora
HIST 364 Comparative Slavery in the Afr. Diaspora
HIST 371 Africa to 1875
HIST 372 Africa since 1875
HIST 471 African Diplomatic History
HIST 380 History of the Caribbean
HIST 381 Hist. of Lat. Am. & the Carib. to 1823
HIST 382 Hist. of Lat. Am. & the Carib. since 1823
HIST 385 History of the Islamic World
HIST 386 The Modern Middle East
HIST 394 Hist. Sources of Contemporary Problems
HIST 387 Introduction to East Asian History
HIST 388 East Asia in Modern Times
HIST 389 History of Modern China
HIST 390 History of Modern Japan

GROUP B: ***Choose three (3) courses -- Two from history and one from geography 9***

HIST 391 Revolution in the Modern World
HIST 393 History of Feminist and Sexual Revolutions in the Twentieth Century
HIST 316 Imperialism in the Modern World
HIST 418-419 Colloquium in European HistoryI & II
HIST 478-479 Colloquium in African History I & II
HIST 488-489 Colloquium in Third World History I & II
GEOG 200 Geography of the Americas
GEOG 202 Geography of Europe
GEOG 205 Geography of Asia
GEOG 207 Geography of Africa
GEOG 210 Geography of the Middle East

GROUP C*: Choose two (2) supporting courses approved by the department 6*

POSC 342 Current International Problems
POSC 385 International Relations
POSC 463 International Political Economy
PHIL 320 Global Ethical Issues
RELG 305 Introduction to Religious Issues
RELG 310 Western Religious Traditions
RELG 311 Eastern Religious Traditions
RELG 326 Islam
ECON 316 International Economics
ECON 323 Economics of Developing Nations
GENL 499 Global Poverty and Inequality

TOTAL 57

**One of the four required survey courses, HIST 101-102 and HIST 105-106 (or for Honors students, HIST 111-112 or HIST 115-116), may be used to satisfy three credits of the General Education Social and Behavioral Sciences requirement.*
***Two sequential courses in the same foreign language.*

Required Courses for the Major in History (Pre-Law Track)

Students majoring in History and following the Pre- Law track get a strong foundation in the discipline and solid training in the following areas: (1) effective oral and written communication, (2) critical textual analysis, (3) critical thinking, (4) argumentation and rhetoric, and (5) social and governmental institutions, traditions and values that shape the legal world. They must complete the

following requirements:

REQUIRED HISTORY COURSES	**27**
HIST 105 History of the US I or HIST 101* World History I*	3
HIST 106 History of the US II or HIST 102* World History II*	3
GEOG 106 Human Geography	3
HIST 299 Writing & Prob .Solving in Hist.	3
HIST 351 Afr. Americans in US Hist.	3
HIST 317 Hist. of England to Bill of Rights	3
HIST 495 Historiography	3
HIST 497 Senior Research Seminar	3
HIST XXX Dept.-Approved Elective	3
PRE-LAW TRACK REQUIREMENTS	**30**
ENGL 250 Vocabulary Development	3
ENGL 353 Advanced Grammar	3
HIST 336 History of American Law	3
HIST 337 American Constitutional History	3
PHIL 302 Critical Thinking	3
PHIL 343 Philosophy of Law	3
POSC 390 Seminar on the Practice of Law	3
POSC 415 American Constitutional Law	3
SOCI 308 Criminology	3
SPCH 201 Argumentation and Advocacy	3
TOTAL:	**57**

In addition, students following the Pre-Law Track must complete the following two courses in order to satisfy the Liberal Arts Core (LAC) Requirement:

Liberal Arts Core Requirements	**6**
LATN 101 Elementary Latin I	3
LATN 102 Elementary Latin II	3

TEACHER CERTIFICATION

Students interested in being certified to teach history in secondary schools should complete requirements in one of the concentrations outlined above and consult the School of Education and Urban Studies for courses needed to attain certification.

THE DEPARTMENTAL HONORS PROGRAM IN HISTORY

Objectives:
The Departmental Honors Program in History is a complement to and is intended to be pursued during the junior and senior years after completion of the university-wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for life-long, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility

To qualify for admission to the Departmental Honors Program in History, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be interviewed, and be admitted to the Program by the Department.

Program Requirements:

Students admitted to the Departmental Honors Program in History must complete the following course requirements:

HIST 398	Honors Historiography I (General)	2 credits
HIST 399	Honors Historiography II (African/African-American)	2 credits
HIST 486	Senior Honors Thesis I	3 credits
HIST 487	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the department.

To remain in the Departmental Honors Program in History, students: (1) must, once admitted to the Program, complete all remaining courses in the major at

Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

THE MINOR IN HISTORY

Required Courses for a Minor in History

Students may minor in General History, African/African-American History, and International History and Diplomacy. Students minoring in History must complete the following course requirements with a grade of "C" or better. Students choose appropriate courses based upon their area of interest in consultation with a departmental advisor:

Course	*Description*	*Credits*
CHOOSE ONE*		6
HIST 101-102	World History I and World History II or	
HIST 105-106	History of the United States I and History of the United States II	
HIST XXX	History Elective	3
HIST XXX	History Elective	3
HIST XXX	History Elective	3
HIST XXX	History Elective	3
TOTAL:		**18**

*Whichever is not being used to satisfy the General Education Requirement. (Honors students must take HIST 111-112 or 115-116).

REQUIREMENTS FOR A MINOR IN GEOGRAPHY

We live in a world where connections and relationships between people and places are increasing. It is essential that we understand our ever-changing world, and a minor in Geography provides the knowledge and skills to understand these changes. Geography studies the links between culture, society, and environmental processes, and the spatial patterns of these processes at local, regional, national, and international levels. A minor in Geography provides students with valuable analytical and writing skills, as well as knowledge about the world around them. This knowledge is valued by a wide variety of employers, including local, state and national governments, international organizations, and business and industry. The minor also prepares students for graduate and professional study.

Required Courses for the Minor in Geography: Students minoring in Geography must meet the following requirements with a grade of "C" or better:

Course	Description	Credits
GEOG 101	Introduction to Geography	3
GEOG 106	Principles of Human Geog	3
GEOG 207	Geography of Africa	3
GEOG XXX	Elective*	3
GEOG XXX	Elective*	3
GEOG XXX	Elective*	3

*Geography course or related course approved by the department.

HONORS HISTORY COURSE OFFERINGS

HIST 398 HONORS HISTORIOGRAPHY I—Two hours; 2 credits. This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program. (OFFERED AS NEEDED).

HIST 399 HONORS HISTORIOGRAPHY II— Two hours; 2 credits. This course is the second part of Honors Historiography and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program and completion of HIST 398. (OFFERED AS NEEDED).

HIST 486 SENIOR HONORS THESIS I—Three hours; 3 credits. In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisite:** admission to the Departmental Honors Program and completion of HIST 398 and 399. (OFFERED AS NEEDED).

HIST 487 SENIOR HONORS THESIS II—Three hours; 3 credits. This course is a continuation of Senior Honors Thesis I and concludes the student's

advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite:** admission to the Departmental Honors Program and completion of HIST 398, 399, and 486. (OFFERED AS NEEDED).

GEOGRAPHY COURSE OFFERINGS

GEOG 101 INTRODUCTION TO GEOGRAPHY— Three hours; 3 credits. Introduction to the basic physical features, environments and locations of human activities of the various regions of the world. Attention will be given to historical events and current issues that affect these regions. (FALL/SPRING).

GEOG 104 INTRODUCTION TO PHYSICAL GEOGRAPHY: LANDFORMS—Three hours; 3 credits. Introduction to the landforms of the earth, including processes that produce them, global climate patterns, soils, and global vegetation. Particular emphasis will be placed on the ways the physical environment affects humans and current issues such as climate change and the causes and effects of natural disasters. (FALL/SPRING).

GEOG 105 INTRODUCTION TO WEATHER AND CLIMATE—Three hours; 3 credits. This course is designed to provide a fundamental understanding of the elements of weather and climate, their geographic patterns of variation, and environmental outcomes around the globe. In addition to nature's processes such as solar radiation, atmospheric moisture, air pressure and circulation, and storm formation, the course emphasizes the human dimensions of global climate change where vulnerability, adaptation, and resilience to weather and climate extremes are examined using geospatial technologies like geographic information systems.

GEOG 106 PRINCIPLES OF HUMAN GEOGRAPHY—Three hours; 3 credits. Introduction to the locations of human activities in the world. Topics include geographic dimensions of culture, economic activities, politics, agriculture, and cities. (FALL/SPRING).

GEOG 160 INTRODUCTORY CARTOGRAPHY— Three hours; 3 credits. Introduction to the science of map-making. Students learn about the theory behind cartography and use these skills to create maps. They will learn mapping basics, such as scale and projection, how to acquire and organize data, and the principles of map design. (OFFERED AS NEEDED).

GEOG 200 GEOGRAPHY OF THE AMERICAS— Three hours; 3 credits. Introduction to the physical, environmental, historical, cultural, political, and economic issues in North, Central, and South America and the Caribbean from a geographic perspective. (OFFERED AS NEEDED).

GEOG 202 GEOGRAPHY OF EUROPE—Three hours; 3 credits. Introduction to the physical, environmental, historical, cultural, political and economic issues on the European continent from a geographic perspective. (OFFERED AS NEEDED).

GEOG 205 GEOGRAPHY OF ASIA—Three hours; 3 credits. Introduction to the physical, environmental, historical, cultural, political and economic issues in East, South, and Southeast Asia from a geographical perspective. (OFFERED AS NEEDED).

GEOG 207 GEOGRAPHY OF AFRICA—Three hours; 3 credits. This course explores the physical and human geographies of Sub-Saharan Africa. Topical themes include cities and urban life, urban design and architecture, development, transportation, human-environment interactions, hazards and disasters, mobility, governance structures, industrialization, globalization, urbanization, rural landscapes and livelihoods, population dynamics, and weather and climate. (FALL/SPRING).

GEOG 210 GEOGRAPHY OF THE MIDDLE EAST —Three hours; 3 credits. This course explores the physical and human geographies of the Middle East. Topical themes include cities and urban life, urban design and architecture, development, transportation, human-environment interactions, hazards and disasters, mobility**,** governance structures, industrialization, globalization, urbanization, desert landscapes and livelihoods, population dynamics, and weather and climate. (OFFERED AS NEEDED).

GEOG 300 POLITICAL GEOGRAPHY—Three hours;3 credits. This course acquaints students with the theories and methods of political geography. Topics include geographic studies of states, nations, territoriality, geopolitics, elections, and international

relations. (OFFERED AS NEEDED).

GEOG 302 ECONOMIC GEOGRAPHY—Three hours; 3 credits. This course acquaints students with the spatial distribution of economic phenomena. Topics include industrial location, resources, types and distribution of economic activities, and the effects of globalization on economic activities. (OFFERED AS NEEDED).

GEOG 307 GEOGRAPHIC QUANTITATIVE METHODS—Three hours; 3 credits. This course introduces students to the benefits of using quantitative methods to analyze geographic data. Students will learn traditional descriptive and inferential statistics as well as spatial approaches to statistical analysis. Students need no mathematical training beyond introductory algebra. (OFFERED AS NEEDED).

GEOG 309 URBAN GEOGRAPHY—Three hours; 3 credits. This course acquaints students with cities around the world. Topics include global variations in urban form and urban economics; the importance of race, gender, and ethnicity; and the future of cities. (OFFERED AS NEEDED).

GEOG 422 INDUSTRIAL GEOGRAPHY—Three hours; 3 credits. This course acquaints students with various manufacturing regions around the world, the history of industry around the globe, the industrial location process, and the environmental impacts of industry. (OFFERED AS NEEDED).

GEOG 423 GEOGRAPHY OF TRANSPORTATION—Three hours; 3 credits. This course exposes students to the geography of transportation, factors affecting transportation, types of transportation (including land, sea, and air), and the role of transportation in the historical development of regions. It covers the relationship between transportation, the economy, and planning. (OFFERED AS NEEDED).

HISTORY COURSE OFFERINGS

HIST 101-102 WORLD HISTORY I AND II *(SB)*—Three hours; 3 credits for each course. These two courses are a survey of the development and spread of civilization from ancient times to the present day. These courses adopt a global perspective of history, while at the same time attempting to do justice to the distinctive character and recent development of individual civilizations and regions in the world. (FALL/SPRING).

HIST 105-106 HISTORY OF THE UNITED STATES I AND II *(SB)*—Three hours; 3 credits for each course. These two courses begin with colonial America and offer a survey of the political, economic, social, and cultural factors which have shaped the pattern of life in the United States. (FALL/SPRING).

HIST 111-112 WORLD HISTORY I AND II, HONORS *(SB)* — Three hours; 3 credits for each course. These two courses are a survey of the development and spread of civilization from ancient times to the present day. They adopt a global perspective of history, while at the same time attempting to do justice to the distinctive character and recent development of individual civilizations and regions in the world. They also provide the student the opportunity for extensive reading, critical thinking, research and writing experiences, and for the application of knowledge and skills to problems and issues in contemporary society. Only one of these two courses is required of students in the University Honors Program to satisfy General Education Requirements; they are open to other students with departmental permission or (for HIST 112) an “A” in HIST 101. (FALL/SPRING)

HIST 115-116 HISTORY OF THE UNITED STATES I AND II, HONORS *(SB)*—Three hours; 3 credits for each course. These two courses begin with colonial America and offer a survey of the political, economic, social, and cultural factors which have shaped the pattern of life in the United States. They also provide the student the opportunity for extensive reading, critical thinking, research and writing experiences, and for the application of knowledge and skills to problems and issues in contemporary society. Only one of these two courses is required of students in the University Honors Program to satisfy General Education Requirements; they are open to other students with departmental permission or (for HIST 116) an “A” in HIST 105. (FALL/SPRING).

HIST 120 TOPICS IN AMERICAN HISTORY *(SB)*—Three hours; 3 credits. This course, an introduction to historical thinking, focuses on specific topics in American history, such as the history of war, disease, slavery, immigration, urbanization, religion, culture, or politics in America. Historical topics will be investigated deeply using primary and

secondary sources to teach students to pose historical questions, to create narratives about the past, and to develop critical thinking and writing skills. (FALL/SPRING).

HIST 130 TOPICS IN WORLD HISTORY *(SB)*—Three hours; 3 credits. This course, an introduction to historical thinking, focuses on specific topics in World history, such as the history of war, disease, slavery, population migrations, trade and cross-cultural contact, urbanization, religion, culture, or politics throughout the world. Historical topics will be investigated deeply using primary and secondary sources to teach students to pose historical questions, to create narratives about the past, and to develop critical thinking and writing skills. (FALL/SPRING).

HIST 299 WRITING AND PROBLEM SOLVING IN HISTORY–Three hours; 3 credits. This course introduces students to the challenges of writing history. The course reviews technical writing skills, analyses primary and secondary sources, and teaches students how to think and write about historical evidence and historical contexts. (FALL/SPRING).

HIST 311 THE ANCIENT WORLD—Three hours; 3 credits. This course surveys civilizations in the ancient Mediterranean world from the founding of Rome in 753 BCE to its fall in 476 CE. Primary emphasis is given to the histories of ancient Greece and Rome. Topics include the institutions of representative government, Greco-Roman wars, the decline of the Roman Republic, the Roman Principate, early Christianity, the division of the Roman Empire, and the fall of the West. (FALL/SPRING).

HIST 312 MEDIEVAL AND RENAISSANCE EUROPE—Three hours; 3 credits. This course surveys the history of Western Europe from 400 CE to 1500 CE. Topics include the nascent barbarian kingdoms, the foundations of the Latin and Orthodox Christian churches, Byzantium, the formation of states and church-state conflicts, Islam and the Crusades, the wars and disruptions of the fourteenth and fifteenth centuries, and culture and conflict during the Italian Renaissance. (FALL/SPRING).

HIST 313 EMERGING EUROPE—Three hours; 3 credits. This course examines European history from the Reformation through the French Revolution and Napoleonic epoch. The religious crisis of the 1500s in Western and Central Europe and the Age of Exploration are the starting points to understand the intellectual, social, and cultural history of the 16th through 18th centuries. Religious wars, the Scientific Revolution and the Enlightenment will be studied. The course culminates with the study of the French Revolution and the emergence of political modernity. (FALL/SPRING).

HIST 314 EUROPE FROM THE RESTORATION THROUGH WORLD WAR II—Three hours; 3 credits. This course examines both the "long" 19th century (from the Restoration to World War I) and the two World Wars in Europe. The Industrial Revolution in Europe and the origins of modern political and social ideologies will be explored. The Great War, interwar culture and fascism, and World War II and the Holocaust will be examined, especially for how they affected the social and cultural history of Europe. (FALL/SPRING).

HIST 315 CONTEMPORARY EUROPE—Three hours; 3 credits. This course examines the post-World War II history of Europe. The reconstruction of Europe will be studied, as will the development of the Cold War in Europe. Contemporary ethnic violence, decolonization, immigration, and the new cultural racism in Europe will also be examined, especially for the post 9/11 world. The future of the nation-state in the era of the European Union will be explored. (FALL/SPRING).

HIST 316 IMPERIALISM IN THE MODERN WORLD—Three hours; 3 credits. This course examines the origins and flourishing of imperialism after 1500. It explores European imperialism in the Americas, in Africa, and in Asia, and also Japanese, Asian, and Soviet imperialism in their respective spheres of influence. Imperialism as an ideology and practice will be developed. The concept of the imperial nation-state will be explored, and the social lives of the colonizers and the colonized will be examined. (Formerly HIST 412) (AS NEEDED).

HIST 317 HISTORY OF ENGLAND TO THE BILL OF RIGHTS—Three hours; 3 credits. . This course surveys the history of the British Isles from the invasions of Julius Caesar to 1688. The primary focus is on England, with related discussions of regions within its sphere of influence, including Ireland, Scotland, Wales, France, Flanders, and Scandinavia. Topics include Roman Britain, medieval kingdoms, the English church, Magna Carta and the rise of Parliament, Anglo-French wars, and

the Tudor and Stuart monarchies. (Formerly HIST 413) (FALL–ODD).

HIST 318 HISTORY OF ENGLAND SINCE 1688—Three hours; 3 credits. This course surveys English history from 1688 to modern times. Beginning with the Glorious Revolution, it covers the transformation of the kingdom of England into the British Empire and a major world power. Topics include the Hanoverian monarchy, Britain's wars against America and France, the Industrial Revolution, the rise of political parties and the office of Prime Minister, the Victorian age and imperialism, and Britain's role in the world wars. (Formerly HIST 414) (SPRING–EVEN).

HIST 320 THE AMERICAN COLONIES—Three hours; 3 credits. This course examines the evolution of the American colonies from 1491-1776 as well as the interactions among Africans, Native Americans, and Europeans who first came into contact with each other in the Americas. It also focuses on the development of imperialism and the related economic and political structures created before the American Revolution in the North American colonies. (FALL/SPRING).

HIST 323 AMERICAN SOCIETY FROM THE REVOLUTION TO THE CIVIL WAR—Three hours; 3 credits. This course focuses on the American Revolution, its causes and aftermath. It questions whether the Revolution and its rhetoric were radical or conservative, particularly in their impact on African-Americans, laborers, women, and Native Americans. The course also examines the public memory of the Revolution. (FALL/SPRING).

HIST 325 CIVIL WAR AND RECONSTRUCTION—Three hours; 3 credits. This course questions why the United States erupted into a civil war less than a century after the country was founded through an examination of the roots of the war, the wartime experience, how the war ended slavery, and how the war was and is remembered. It also examines the era of Reconstruction, paying attention to the meaning and immediate consequences of emancipation and freedom. (FALL/SPRING).

HIST 326 TWENTIETH CENTURY AMERICA— Three hours; 3 credits. This course considers patterns and changes in American life, its diverse population, and its political, cultural, and social developments in the long twentieth century. Topics include the Progressive Era, urban life, race, wartime policies, popular culture, and the Cold War. Emphasis will be on interpreting primary sources and understanding how historians handle such sources to make evidence-based arguments. In addition to historical thinking, the course cultivates a range of transferable skills crucial for working in our global economy. (FALL/SPRING).

HIST 327 AMERICAN MILITARY EXPERIENCE—Three hours; 3 credits. This course surveys the military history of America from its colonial founding to the present. It covers both major and minor American wars and also includes substantial discussion of military logistics, organization, strategy and tactics, and technology as it affected the armies of America and its allies and enemies. As a required course for R.O.T.C. cadets, a necessary emphasis is the utility of the study of military history for military professionals and policy makers. (FALL).

HIST 328 EMERGING MODERN AMERICA, 1877-1932—Three hours; 3 credits. This course examines how the United States became a world economic and political power. It also explores the question of who was considered a U.S. citizen during these years of change. Specific topics to be covered include: citizenship rights, the Rise of Jim Crow, Industrialization, Immigration, Imperialism, the First World War, the Harlem Renaissance, and the beginnings of the Great Depression. (OFFERED AS NEEDED).

HIST 329 CONTEMPORARY AMERICA, 1932 TO THE PRESENT—Three hours; 3 credits. This course traces the development of the United States into its modern shape. It covers the American welfare state, the Second World War, the atomic bomb, the Cold War, the 1960s, and the rise of the New Right through primary and secondary sources. (OFFERED AS NEEDED).

HIST 330 URBAN HISTORY OF THE UNITED STATES—Three hours; 3 credits. This course covers how cities develop in what becomes the United States from the colonial era to the present with an emphasis on the late nineteenth and twentieth centuries. Topics to be covered include: Immigration/migration, the formation of ethnic neighborhoods and communities, segregation, suburbanization, and gentrification. (OFFERED AS NEEDED).

HIST 333 HISTORY OF BALTIMORE—Three hours; 3 credits. This course covers the history of the city from its founding in 1729 to the present. The course will include extensive material on Baltimore's African-American community. Students will be encouraged to undertake original research projects in areas of their own interests. (OFFERED AS NEEDED).

HIST 334 HISTORY OF MARYLAND—Three hours; 3 credits. This course will survey the history of Maryland from its settlement in 1634 to the present. Particular attention will be paid to the unique qualities of the state's history including its significant African- American population, its religious history, and the importance of the Chesapeake Bay. Some emphasis will be placed on issues facing contemporary Maryland. (OFFERED AS NEEDED).

HIST 335 HISTORY OF NATIVE AMERICANS— Three hours; 3 credits. This course is a history of Native Americans from the eve of European exploration to the present. Focus will be upon regional characteristics of various ethnic groups, resistance to European and later American imperialism, and twentieth-century strategies by Indians to survive in America. (OFFERED AS NEEDED).

HIST 336 THE HISTORY OF AMERICAN LAW— Three hours; 3 credits. This course uses primary sources and detailed case studies to address the major ways that the American legal system affects American society. Topics include policing, prisons, juvenile justice, slave law, abolitionism, civil rights, and civil liberties. (Formerly HIST 237). (OFFERED AS NEEDED).

HIST 337 AMERICAN CONSTITUTIONAL HISTORY—Three hours; 3 credits. This course focuses on the origin and development of American Constitutional principles and practices from their origins to the present. The course will include extensive material on civil and human rights. (SPRING).

HIST 338 HISTORY OF AMERICAN BUSINESS AND INDUSTRY—Three hours; 3 credits. American business and industrial institutions and their development through the years will be studied against the background of the overall economy and America's legal, governmental and social institutions. (FALL—ODD).

HIST 339 INTERNATIONAL HISTORY AND DIPLOMACY—Three hours; 3 credits. This course offers a global perspective on history focusing on the construction of the international system and combines theoretical perspectives on the international system and modern diplomacy with historical area studies. It also includes material on international institutions and international law. (Formerly HIST 291) (OFFERED AS NEEDED).

HIST 341 THE HISTORY OF AMERICAN MOVIES—Three hours; 3 credits. In this course, students watch films and learn to analyze their cultural meanings for American culture at the time moviegoers first saw them. In doing so, students will develop their skills at reading films, discussing and writing about them using additional primary and secondary sources. (Formerly HIST 425) (OFFERED AS NEEDED).

HIST 342 THE HISTORY OF AMERICAN TELEVISION AND RADIO—Three hours; 3 credits. This course is a survey of the history of the most effective communications medium in America, the network system of electronic broadcasting, from its early days to its corporate zenith, with special reference to its impact as a social force. The course uses several media as teaching resources. (Formerly HIST 426) (OFFERED AS NEEDED).

HIST 350 INTRODUCTION TO THE AFRICAN DIASPORA (CI)—Three hours; 3 credits. This course traces the scattering of the peoples of African ancestry across their continental homeland, their subsequent dispersion around the world to Europe, the Middle East, Asia and the Americas, and the return to Africa. It places emphasis on resistance movements, slavery and emancipation, and current diasporic developments. **Prerequisite:** successful completion of 36 college credits. (FALL/SPRING).

HIST 351 AFRICAN-AMERICANS IN UNITED STATES HISTORY—Three hours; 3 credits. This course is a survey of African Americans from ancient African origins to the present. The focus is upon the political, economic, and social role of African Americans in the development of the United States including their resistance to racism and oppression. (FALL).

HIST 352 AFRICAN-AMERICAN WOMEN IN UNITED STATES HISTORY—Three hours; 3 cred- its. This course explores the ways in which issues of gender and race intersect in United States

history and culture through an examination of the history of African-American women. It explores the cultural, economic, and political experiences of African-American women from enslavement to the present. Principal themes include: labor, family, reproduction, identity, intellectual traditions, and social and cultural movements in the United States and beyond. (SPRING—ODD).

HIST 354 HISTORY OF THE CIVIL RIGHTS MOVEMENT—Three hours; 3 credits. This is a study of various movements among African Americans to gain political, social and economic equity in the United States from the abolitionist era of the ante-bellum years to the 1960s Black Power movement. Emphasis will be upon the common themes of the various movements, the changing strategies of the activists and the response of Americans in the mainstream. (FALL/SPRING).

HIST 360 INTRODUCTION TO THE AFRICAN DIASPORA, HONORS (CI)—Three hours; 3 credits. This course traces the scattering of the peoples of African ancestry across their continental homeland, their subsequent dispersion around the world to Europe, the Middle East, Asia and the Americas, and the return to Africa. It places emphasis on resistance movements, slavery and emancipation and current diasporic developments. It also provides the student the opportunity for extensive reading, critical thinking, research and writing experiences and for the application of knowledge and skills to problems and issues in contemporary society. This course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with departmental permission. **Prerequisite:** successful completion of 36 college credits. (FALL/SPRING).

HIST 362 WOMEN IN THE AFRICAN DIASPORA—Three hours; 3 credits. This course is a survey of the experiences of women of African descent cross-culturally, from ancient Africa to the present. Emphasis will be on similarities and differences in women's roles and their cultural, social and political experiences. Nearly half the course deals with Africa. The remaining part will deal with the Western Hemisphere. (SPRING—EVEN).

HIST 364 COMPARATIVE SLAVERY IN THE AFRICAN DIASPORA—Three hours; 3 credits. Slavery will be compared and contrasted from the continent of Africa to New World Societies. The focus will be upon specific regions in Africa and selected countries in North America, the Caribbean and South America. The emphasis will be on slave resistance as well as treatment of the enslaved by the master class. (FALL/SPRING).

HIST 371 AFRICA TO 1875—Three hours; 3 credits. This course surveys the major developments in precolonial Africa, that is, before the onset of increased contacts with Europe in the nineteenth century. It focuses on social, economic and political transformation, including the development of states and large systems of trade. (FALL).

HIST 372 AFRICA SINCE 1870—Three hours; 3 credits. This course examines African life under European colonial domination and life under independent states. It considers the practices of European imperialism, decolonization, the struggles against *apartheid* in Zimbabwe and South Africa, and independent nations after 1960. (SPRING).

HIST 380 HISTORY OF THE CARIBBEAN—Three hours; 3 credits. This course examines the geographical, cultural, economic and political forces which have shaped the history of the Caribbean region from the arrival of the Europeans in the fifteenth century to the present. (Formerly HIST 280) (OFFERED AS NEEDED).

HIST 381 HISTORY OF LATIN AMERICA AND THE CARIBBEAN AREA TO 1823—Three hours; 3 credits. This course is a historical study of this region from the Pre-Columbian time of the Aztecs, Mayas and Incas. It covers the European exploration and colonization of the Americas emphasizing the socioeconomic issues and the struggle for political independence to 1823. (FALL—ODD).

HIST 382 HISTORY OF LATIN AMERICA AND THE CARIBBEAN AREA SINCE 1823—Three hours; 3 credits. This is a course on the young nations of Latin America and the Caribbean and their attempts to modernize and retain their sovereignty. Emphasis will be placed on viewing the region from the perspective of those states. (SPRING—EVEN).

HIST 384 WOMEN, GENDER AND SOCIETY IN MIDDLE-EAST HISTORY—Three hours; 3 credits. This course challenges stereotypes of Middle Eastern women by examining their legal rights, access to education, workforce participation, political activism and contributions to national cultural life. Also studied are women's rights movements around

the region. (OFFERED AS NEEDED).

HIST 385 HISTORY OF THE ISLAMIC WORLD— Three hours; 3 credits. This course examines the emergence of Islam in the 7th century, the role of the Prophet Muhammad, the construction of the Islamic empire and its contributions to world civilization. The course covers the modern period with a focus on the contemporary Islamic world and the challenges it faces particularly in the Middle East and Africa. (OFFERED AS NEEDED).

HIST 386 HISTORY OF THE MODERN MIDDLE EAST—Three hours; 3 credits. This course begins with the creation of the modern Middle East after World War I, the anti-colonial movements, the emergence of independent nation-states and the beginning of the Arab-Israeli conflict. Also studied are the role of the U.S. in the region, the rise of political Islam, oil and its importance in Middle East economies, and culture in the form of music, film, and literature. (OFFERED AS NEEDED).

HIST 387 INTRODUCTION TO EAST ASIAN HIS- TORY—Three hours; 3 credits. This course surveys the history of major East Asian countries from antiquity to the mid-seventeenth century, the eve of the modern era. It covers religion and tradition, political and economic development, culture and social structure, and elements of the history of ideas. (OFFERED AS NEEDED).

HIST 388 EAST ASIA IN MODERN TIMES— Three hours; 3 credits. This course will survey developments in China, Korea, and Japan before and after World War II. Both internal developments and their role in world history will be considered. Topics will include the communist revolution, Maoism, recent changes in China, and Japanese pre-war militarism and post-war economic success. (OFFERED AS NEEDED).

HIST 389 HISTORY OF MODERN CHINA— Three hours; 3 credits. This course will help students better understand China's current triumphs and frustrations through a study of the last four hundred years of Chinese history. A repeating theme of modern Chinese history, especially since the 1860s, is the continual pursuit of modernization. These efforts led to political revolution, social reforms, and various cultural developments. The course will cover all major political, social and intellectual changes and developments. (OFFERED AS NEEDED).

HIST 390 HISTORY OF MODERN JAPAN— Three hours; 3 credits. This course covers all aspects of Japanese history since about 1800, including politics, economic trends, socio-cultural and intellectual changes, and foreign relations. Several themes receive particular attention: the conflict between local institutions and foreign ideologies, Sino-Japanese relations, the development of Japanese science and technology, and the contemporary rise to great power status. (OFFERED AS NEEDED).

HIST 391 REVOLUTION IN MODERN TIMES—Three hours; 3 credits. This course focuses on a comparative study of the first three modern political revolutions: the American, the French and the Haitian; and a comparative study of three classic twentieth century political revolutions: the Russian, the Chinese and the Cuban. The focus will be upon causes and results of each revolution as well as differences between the eighteenth and the twentieth centuries which influenced the types of revolutions that resulted. (OFFERED AS NEEDED).

HIST 392 HISTORY OF NON-VIOLENT PROTEST IN THE TWENTIETH CENTURY— Three hours; 3 credits. Non-violence has been used frequently in the twentieth century as a tool for pursuing justice, creating social change, resolving cultural conflict and alleviating international strife. Leaders of social movements in the Americas, Europe, Africa and Asia have employed it. Dr. Martin Luther King and Mohandas Gandhi are two examples. Students who take this course will, using documentary source material, engage in case studies of selected non-violent initiatives. As background they will become familiar with the basic literature of non-violent practice and theory. (OFFERED AS NEEDED).

HIST 393 HISTORY OF FEMINIST AND SEXUAL REVOLUTIONS IN THE TWENTIETH CENTURY—Three hours; 3 credits. This course examines the revolution in gender roles and sexual orientation that has constructed a new world in the U.S. and globally. The course studies the First, Second, and Third Waves of feminism, the gay rights movement and emergence of intersectionality (gender, race, and sex) as an analytical tool. (OFFERED AS NEEDED).

HIST 394 THE WORLD'S "HOT SPOTS": HISTORICAL SOURCES OF CONTEMPORARY PROBLEMS—Three hours; 3

credits. Students in this course will study selected "hot spots" around the world. Beginning with selected places and events that are making news headlines, students will look back at the history of cur- rent problems. Topics will vary according to the current situation and student interest. (OFFERED AS NEEDED).

HIST 395 THE HISTORY OF NUCLEAR POWER IN THE MODERN WORLD—Three hours; 3 credits. The origins of the nuclear age, the development of nu- clear technology, pro- and anti-nuclear movements, and the nuclear arms race and efforts to halt it are some of the topics covered in this course. The main objective of the course is to provide students with a factual and comprehensive historical perspective on the nuclear age. (OFFERED AS NEEDED).

HIST 396 THE ENVIRONMENTAL CRISIS IN HISTORICAL PERSPECTIVE—Three hours; 3 credits. From environmental disasters, deforestation, desertification, global pollution, and toxic waste, to global warming and climate change, this course examines the origins, impact, and geographic distribution of environmental crises. It considers how environmental crises have shaped history. (OFFERED AS NEEDED).

HIST 397 HISTORY OF SCIENCE AND TECHNOLOGY—Three hours; 3 credits. This course explores how science and technology originated and shifted over time and place and how they have been shaped by cultural and social values and interests. The course also considers recent scientific theories that challenge and complicate some longstanding scientific assumptions. (OFFERED AS NEEDED).

HIST 418-419 COLLOQUIUM IN EUROPEAN HISTORY—Six hours; 6 credits. Either half may be taken first. The colloquium is designed for upper level students. Advanced topics in European history will be offered. Course may be repeated once for credit if a different topic is offered. **Prerequisite:** upper-level students only. (FALL/SPRING).

HIST 428-429 COLLOQUIUM IN UNITED STATES HISTORY I and II—Six hours; 6 credits. Either half may be taken first. The colloquium is designed for upper level students. Advanced topics in American history will be offered. Course may be repeated once for credit if a different topic is offered. **Prerequisite:** upper-level students only. (FALL/SPRING).

HIST 458-459 COLLOQUIUM IN AFRICAN-AMERICAN HISTORY I and II—Six hours; 6 credits. Either half may be taken first. The colloquium is designed for upper level students. Advanced topics in African-American history will be offered. Course may be repeated once for credit if a different topic is offered. Prerequisite: upper-level students only. (FALL/SPRING).

HIST 468-469 COLLOQUIUM IN AFRICAN DI-ASPORA HISTORY I and II—Six hours; 6 credits. Either half may be taken first. This course offers the study of advanced topics in African Diaspora history. The course may be repeated once, if it is offered with a different topic. **Prerequisite:** upper-level students only. (FALL/SPRING).

HIST 471 AFRICAN DIPLOMATIC HISTORY— Three hours; 3 credits. By focusing on African diplomacy from ancient times to the present, this course challenges Eurocentric perceptions of Africa as uncivilized. It examines the nature and impact of African diplomacy, showing how Africans were capable of engaging in the systematic and sophisticated art of diplomacy. (OFFERED AS NEEDED).

HIST 478-479 COLLOQUIUM IN AFRICAN HISTORY I AND II—Six hours; 6 credits. Either half may be taken first. The colloquium is designed for upper level students. This course offers advanced topics in the social, political, and social history of Africa. Examples include the environment, disease and health, slavery, racism, and economic development. The course may be repeated once for credit if a different topic is offered. **Prerequisite:** upper-level students only. (FALL/SPRING).

HIST 488-489 COLLOQUIUM IN THIRD WORLD HISTORY I and II—Six hours; 6 credits. Either half may be taken first. The colloquium is designed for upper level students. This course offers advanced topics in Third World history. Examples include imperialism, decolonization, and economic development. The course may be repeated once for credit if a different topic is offered. **Prerequisite:** upper-level students only. (FALL/SPRING).

HIST 490 INTERDISCIPLINARY SEMINAR—Three hours; 3 credits. This seminar will be offered for students with strong backgrounds in two or more

fields, such as history and literature or history and political science, to allow them to pursue studies combining the techniques of the two disciplines. Course may be repeated once for credit if a different topic is offered. (SPRING—EVEN).

HIST 495 HISTORIOGRAPHY—Three hours; 3 credits. This course will survey different schools of historical writing and the varying interpretations of historians; it will help students to develop their capacities for analysis and judgment of historical materials; and it will synthesize material from the wide range of classes in history to develop students' historical understanding. The work in this class will prepare students for writing the Senior Thesis. **Prerequisite:** upper-level students only. (Formerly HIST 497) (FALL/SPRING).

HIST 497 SENIOR RESEARCH SEMINAR—Three hours; 3 credits. Students research and write an original senior thesis based on primary and secondary sources to complete the capstone requirement for History majors. The course is open only to History majors. Theses will be formally presented and defended. **Prerequisites:** HIST 495 and approval of the instructor. (FALL/SPRING).

HIST 498 SENIOR INTERNSHIP—Nine hours per week; 3 credits. This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Department. Registration is limited to upper-level students with minimum 2.2 cumulative and major grade point averages and requires Departmental approval. (FALL/SPRING).

HIST 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP—Nine hours per week; 3 credits. This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. (FALL/SPRING).

SOCIAL SCIENCE COURSE OFFERINGS

SOSC 101 INTRODUCTION TO THE SOCIAL SCIENCES—Three hours; 3 credits. This is a general course in the social sciences, which deals with facts, principles and concepts drawn primarily from the fields of history, sociology, psychology, anthropology, economics and political science, with some attention to the fields of geography and education. (FALL/SPRING).

SOSC 301 TEACHING CONTEMPORARY IS-SUES IN SOCIAL STUDIES—Three hours; 3 cred- its. In this course students planning to teach social studies at the levels of middle school, junior high school and high school will review instructional materials, develop curriculum and explore a variety of teaching methods for classroom presentation of contemporary is- sues. Such issues as human rights, nuclear weapons, environmental pollution and conflict in the international arena may be included. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
DEPARTMENT OF HISTORY AND GEOGRAPHY
BACHELOR OF ARTS DEGREE, HISTORY MAJOR
GENERAL CONCENTRATION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Req.		3
HIST 101-SB	WORLD HISTORY I	3
XXXX – MQ – General Education Req.		4
ORLA 101	Freshman Orientation	1
PHEC XXX	Physical Educ. Elective	1
XXXX – HH – General Education Req.		3
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Req.		3
HIST 102 —	WORLD HISTORY II	3
XXXX – BP – General Education Req.		4
XXXX – SB – General Education Req.		3
XXXX – FREE ELECTIVE		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

HIST 105	U.S. HISTORY I	3
XXXX	FOREIGN LANG. I.	3
XXXX – AH – General Education Req.		3
XXXX – BP – General Education Req.		3
XXXX – IM – General Education Req.		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

HIST 106	US HISTORY II	3
XXXX	FOREIGN LANG. II	3
XXXX – AH – General Education Req.		3
XXXX – CT – General Education Req.		3
XXXX – CI – General Education Req.		3
		15

JUNIOR YEAR (FIRST SEMESTER)

HIST 299	WRIT. & PROB. HIST	3
HIST XXX	DIV. I ELECTIVE	3
HIST XXX	DIV. I ELECTIVE	3
HIST XXX	DIV. II ELECTIVE	3
XXXX	APPRVD SUP. COURSE	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST XXX	DIV. I ELECTIVE	3
HIST XXX	DIV. II ELECTIVE	3
HIST XXX	DIV. II ELECTIVE	3
HIST XXX	DIV. I, II, OR III ELEC.	3
XXXX	FREE ELECTIVE	3
		15

SENIOR YEAR (FIRST SEMESTER)

HIST 495	HISTORIOGRAPHY	3
XXXX	LIBERAL ARTS CORE I	3
HIST XXX	DIV. I, II, OR III ELEC.	3
HIST XXX	DIV. I, II, OR III ELEC.	3
XXXX	APPRVD SUP. COURSE	3
		15

SENIOR YEAR (SECOND SEMESTER)

HIST 497	SENIOR THESIS	3
XXXX	LIB. ARTS CORE II	3
HIST XXX	DIV. I, II, OR III ELEC.	3
XXXX	APPRVD SUP. COURSE	3
XXXX	FREE ELECTIVE	2
		14

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF HISTORY AND GEOGRAPHY
BACHELOR OF ARTS DEGREE, HISTORY MAJOR
AFRICAN/AFRICAN AMERICAN STUDIES CONCENTRATION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Req.		3
HIST 101-SB	WORLD HISTORY I	3
XXXX – MQ – General Education Req.		4
ORLA 101	Freshman Orientation	1
PHEC XXX	Physical Educ. Elective	1
XXXX – HH – General Education Req.		3
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Req.		3
HIST 102 —	WORLD HISTORY II	3
XXXX – BP – General Education Req.		4
XXXX – SB – General Education Req.		3
XXXX – FREE ELECTIVE		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

HIST 105	U.S. HISTORY I	3
XXXX	FOREIGN LANG. I.	3
XXXX – AH – General Education Req.		3
XXXX – BP – General Education Req.		3
GEOG 207	GEOG. OF AFRICA	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

HIST 106	US HISTORY II	3
XXXX	FOREIGN LANG. II	3
XXXX – AH – General Education Req.		3
XXXX – CT – General Education Req.		3
XXXX – CI – General Education Req.		3
		15

JUNIOR YEAR (FIRST SEMESTER)

HIST 299	WRIT. & PROB. HIST	3
XXXX – IM – General Education Req.		3
HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
XXXX	APPRVD SUP. COURSE	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
XXXX	FREE ELECTIVE	3
		15

SENIOR YEAR (FIRST SEMESTER)

HIST 495	HISTORIOGRAPHY	3
XXXX	LIBERAL ARTS CORE I	3
HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
		15

SENIOR YEAR (SECOND SEMESTER)

HIST 497	SENIOR THESIS	3
XXXX	LIB. ARTS CORE II	3
HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
XXXX	FREE ELECTIVE	2
		14

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF HISTORY AND GEOGRAPHY
BACHELOR OF ARTS DEGREE, HISTORY MAJOR
INTERNATIONAL HISTORY AND DIPLOMACY TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Req.		3
HIST 101-SB	WORLD HISTORY I	3
XXXX – MQ – General Education Req.		4
ORLA 101	Freshman Orientation	1
PHEC XXX	Physical Educ. Elective	1
XXXX – HH – General Education Req.		3
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Req.		3
HIST 102 —	WORLD HISTORY II	3
XXXX – BP – General Education Req.		4
XXXX – SB – General Education Req.		3
XXXX – FREE ELECTIVE		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

HIST 105	U.S. HISTORY I	3
XXXX	FOREIGN LANG. I.	3
XXXX – AH – General Education Req.		3
XXXX – BP – General Education Req.		3
XXXX – IM – General Education Req.		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

HIST 106	US HISTORY II	3
XXXX	FOREIGN LANG. II	3
XXXX – AH – General Education Req.		3
XXXX – CT – General Education Req.		3
XXXX – CI – General Education Req.		3
		15

JUNIOR YEAR (FIRST SEMESTER)

HIST 299	WRIT. & PROB. HIST	3
GEOG 101	INTRO TO GEOG.	3
HIST 339	INTL. HIST. AND DIPL	3
HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP A ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
HIST XXX	GROUP B ELECTIVE	3
XXXX	FREE ELECTIVE	3
		15

SENIOR YEAR (FIRST SEMESTER)

HIST 495	HISTORIOGRAPHY	3
XXXX	LIBERAL ARTS CORE I	3
HIST 498	INTERNSHIP	3
HIST XXX	GROUP A ELECTIVE	3
XXXX	GROUP C SUPP. CRSE	3
		15

SENIOR YEAR (SECOND SEMESTER)

HIST 497	SENIOR THESIS	3
XXXX	LIB. ARTS CORE II	3
HIST XXX	DIV. I, II, OR III ELEC.	3
XXXX	GROUP C SUPP. CRSE	3
XXXX	FREE ELECTIVE	2
		14

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF HISTORY AND GEOGRAPHY
BACHELOR OF ARTS DEGREE, HISTORY MAJOR
PRE-LAW TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Req.		3
HIST 101-SB	WORLD HISTORY I	3
XXXX – MQ – General Education Req.		4
ORLA 101	Freshman Orientation	1
PHEC XXX	Physical Educ. Elective	1
XXXX – HH – General Education Req.		3
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Req.		3
HIST 102 —	WORLD HISTORY II	3
XXXX – BP – General Education Req.		4
XXXX – SB – General Education Req.		3
XXXX – FREE ELECTIVE		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

HIST 105	U.S. HISTORY I	3
LATN 101	ELEM. LATIN I.	3
XXXX – AH – General Education Req.		3
XXXX – BP – General Education Req.		3
XXXX – IM – General Education Req.		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

HIST 106	US HISTORY II	3
LATN 102	ELEM. LATIN II	3
XXXX – AH – General Education Req.		3
XXXX – CT – General Education Req.		3
XXXX – CI – General Education Req.		3
		15

JUNIOR YEAR (FIRST SEMESTER)

HIST 299	WRIT. & PROB. HIST	3
GEOG 106	HUMAN GEOG.	3
HIST 336	HIST OF AM. LAW	3
PHIL 302	CRITICAL THINKING	3
ENGL 250	VOCAB DEVEL.	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST 351	AFRICAN-AM HIST	3
PHIL 343	PHIL OF LAW	3
POSC 390	SEM.PRAC. OF LAW	3
ENGL 353	ADV. GRAMMAR	3
SPCH 201	ARGUM AND ADVOC.	3
		15

SENIOR YEAR (FIRST SEMESTER)

HIST 495	HISTORIOGRAPHY	3
HIST 317	ENGL. TO BILL OF RTS	3
HIST 337	AM. CONST. HIST	3
POSC 415	AMER. CONSTIT. LAW	3
XXXX	FREE ELECTIVE	3
		15

SENIOR YEAR (SECOND SEMESTER)

HIST 497	SENIOR THESIS	3
SOC 308	CRIMINOLOGY	3
HIST XXX	DEPT. APPRVD ELEC	3
XXXX	FREE ELECTIVE	3
XXXX	FREE ELECTIVE	2
		14

TOTAL CREDIT HOURS 120

MILITARY SCIENCE

Chairperson of Department: Major David M. Bornn-PROFESSOR OF MILITARY SCIENCE

MISSION

The mission of the Military Science Department is to develop leaders, commission the future officers of the United States Army and motivate young people to be better Americans. The mission is accomplished through recruiting, motivating, and training students who possess leadership potential. In achieving our mission, we provide a unique opportunity for our students by providing both training and experience in leadership and management. Army ROTC develops self-discipline, responsibility and confidence – qualities basic to success in the Army or in a civilian career. ROTC gives students a valuable opportunity to build for the future by helping them earn a college degree and an officer's commission simultaneously. Students are encouraged to participate in campus activities, fraternal organizations, and school athletics as they pursue their commission to be an officer.

Morgan ROTC graduates are proven leaders, thinkers and decision-makers. They meet problems head on and solve them quickly. They learn how to adapt to situations and take charge. They will find that their background and experience in ROTC and the Army can be a valuable asset should they decide to pursue a civilian career. The practical experience they gain, by leading people and managing money and equipment, can place them far ahead of other graduates competing for jobs that lead to top positions in the military and in the civilian sector.

OBJECTIVES

The Department of Military Science Program of Instruction is designed to develop:
Personal integrity, honor, and ethics.
A strong sense of individual responsibility and accountability.
An understanding of the principles of military leadership, management and organization.
The ability to communicate effectively both orally and in writing.
A general knowledge of the historical development of the U.S. Army and its role in support of national objectives.

An understanding of military life as a commissioned officer to include social and economic opportunities and leadership development.
The ability to apply principles of leadership, management, and personal courage.

GENERAL INFORMATION

The Department of Military Science is a regular department of instruction of the University and the elective academic credits earned are credited to degrees offered by the other departments. The unit is of the General Military Science type and offers commissions in all branches of the Army to students who successfully complete the entire program.

MISC 301 Social Science Elective
MISC 302 Humanities Elective
MISC 200 HEED 100 (2 Credits) and PHEC: (Any physical education activity course 1 credit.)

In addition, ROTC students may select the combination of MISC 200 (Leadership Development I) and HIST 327 (American Military History) to satisfy option 6 of the Liberal Arts Core.

FINANCIAL ASSISTANCE ROTC Scholarships

At Morgan State University, the award of a merit-based competitive Army ROTC scholarship could be the means to 100% payment of all college education costs. The ROTC scholarship pays for all tuition and fees at MSU. Four- year scholarship winners are automatically nominated for the Bridge Grant Program. Acceptance into the Bridge Grant Program results in the award of additional funding that covers room and board. Bridge Grant recipients must maintain a 2.0 GPA. Four-year scholarships will be awarded to students entering as college freshmen. Three- and two-year scholarships are awarded to students currently enrolled in college and Army enlisted personnel on active duty. Additional two- year scholarships are available to students who attend the Cadet Initial Entry Training . These scholarships are awarded based upon outstanding performance. Each scholarship pays for tuition, required educational fees, and provides a specified amount per year for books, supplies and equipment. Each scholarship also includes a monthly stipend. Please contact the Professor of Military Science for specific amounts.

Four-Year Scholarship Requirements
Be a U.S. citizen.
Be 17 years of age within the first semester in which scholarship benefits are to begin.
Take the SAT or ACT no later than November of the year you apply (must have a minimum 920 SAT [combined math and verbal score excluding the written portion] or composite 19 ACT).
Be a high school graduate or have equivalent credit with a cumulative Grade Point Average (GPA) of 2.5 or higher.
Show a pattern of leadership and participate in extracurricular activities.
Agree to accept a commission as either a Regular Army, U.S. Army Reserve, or Army National Guard Officer.
Meet required physical standards of 60 points in each event on the Army Physical Fitness Test.

Three-Year Scholarship Requirements
Be a U.S. citizen.
Have a cumulative GPA of 2.5 or higher.
Meet required physical standards of 60 points in each event on the Army Physical Fitness Test.
Have earned 25 or more credit hours and be able to graduate in three years.

Two-Year Scholarship Requirements
Be a U.S. citizen.
Have a cumulative GPA of 2.5 or higher.
Have 56 or more earned credit hours and be able to graduate in two years.
Meet required physical standards of 60 points in each event on the Army Physical Fitness Test.

OTHER SCHOLARSHIPS

Each academic year various organizations and other military-related activities make scholarship funds avail- able to students enrolled in Army ROTC. Some organizations making these awards are USAA (United Services Automobile Association), AUSA (Association of the United States Army), VFW (Veterans of Foreign Wars), ROCKS, Inc., and the MSU ROTC Alumni Association.

STIPENDS
All contracted and/or scholarship cadets in the Basic and Advanced Course (Freshman through Senior) receive a monthly stipend based on their status: Freshman $300, Sophomore $350, Junior $450, Senior $500 Cadets also receive payment for attending the five-week Advanced Cadet Summer Training (CST) Two-year program cadets attending the Basic Cadet Summer Training are also paid while attending camp.

SIMULTANEOUS MEMBERSHIP PROGRAM (SMP)

This program provides an opportunity for cadets who currently belong to a Reserve or National Guard Unit as enlisted soldiers to participate in the Army ROTC Program.

As reservists or guardsmen, these students, as freshmen or sophomores, can make up to $3,000 for one summer by attending the enlisted basic training and advanced individual training. This is in addition to money earned for the weekend drill with their unit.

A student accepted for the SMP and the Army ROTC Advanced Course (Junior and Senior level) retains affiliation with the Reserve or National Guard unit as an officer trainee, and receives pay for drills and assemblies plus up to $3,500 a year in monthly stipends.

SMP members are also eligible for certain veterans' educational benefits, as well as benefits as a reservist or guardsman.

During their junior and senior years, cadets may convert their scholarships or accept a Guaranteed Reserve Force Duty or Designated Guard Scholarship, which reserves a slot for them in the Guard or Reserves upon commissioning.

VETERANS BENEFITS

Veterans may be eligible to compete for ROTC scholar- ships, and may also receive any VA benefits to which they would be normally entitled. In addition, veterans who return to active duty as officers may use their prior active duty enlisted time toward longevity pay and retirement.

COMMISSIONING REQUIREMENTS

1. Satisfactory completion of:

The Basic Course (MISC103, 104, 200, 204 or Basic Cadet Summer Training)
The Advanced Course (MISC 301, 302, 401,402) Advanced Cadet Summer Training)
A course in Military History (HIST 327);
e. Swimming diagnostic test

2. The cadet must:
Maintain at least a 2.0 cumulative GPA
Pass a Department of Defense medical examination within 24 months of the date of commissioning;
Pass the Army Physical Fitness Test within thirty (30) days of commissioning date; and
Not have exceeded the 27th birthday by June 30th of the commissioning year for non-prior service cadets (32nd birthday for prior service cadets).

PROGRAM DESCRIPTION

The Military Science program is based on a four-year curriculum structured to be integrated with the normal baccalaureate degree program. The program provides flexibility through a number of options and alternatives. These alternatives recognize previous military related experience, such as Junior ROTC or prior military service and provide for accelerated or compressed instruction to allow late entry into the program.

The Four-Year Curriculum

The Four-Year Program is divided into two parts: The Basic Course and the Advanced Course.

The Basic Course is usually taken during the freshman and sophomore years of college (MISC 103, 104,200,204)) and covers such subjects as management principles, national defense, physical fitness, first aid and leadership development. There is no military obligation for enrollment in the Basic Course. After they have completed the Basic Course, students who have demonstrated the potential to become officers and who have met the physical, moral and scholastic standards are eligible to enroll in the Advanced Course.

The Advanced Course is usually taken during junior and senior years (MISC 301, 302, 401, 402). It includes instruction in organization and management, tactics, ethics, professionalism, and further leadership development.

During the summer between their junior and senior years, Advanced Course cadets attend a fully paid, five- week Cadet Summer Training. This course gives cadets the opportunity to put into practice the theories and principles they learned in the classroom and introduces them to life in the U.S. Army from both a garrison and a field perspective.

The Two-Year Program

The Two-Year Program is designed for juniors and community college graduates, transfer students, or students entering a two-year post-graduate course of study. Some students with prior military science also qualify for enrollment into the Advanced Course, along with the students in the four year program. Basic Cadet Summer Training will provide students the opportunity to gain the same experiences, knowledge, and skills as their con- temporaries who have taken the first two years of ROTC. Automatic enrollment into the Advanced Course is contingent on the completion of a fully-paid, five- week Basic Cadet Summer Training, normally held during the summer between their sophomore and junior years.

PLACEMENT CREDIT

The Chairperson of Military Science may elect to provide from one to two years placement credit for the Basic Course to the following categorized students:
3-year Junior ROTC graduate;
Honorably-discharged veterans;
Members of the Reserves or National Guard who have completed basic training;
Sophomores and 2nd year transfer students without two years Basic Course credit.

All students must be academically aligned as juniors (60 plus credits). Sophomores, 2nd year transfer students or community college graduates who have not completed the two-year Basic Course phase of ROTC may receive placement credit by attending a special Basic Cadet Summer Training. Interested students should contact the Military Science Department.

Students who are in one of the above categories should arrange for an interview with the Military Science Department to determine their status.

MILITARY SCIENCE COURSE OFFERINGS*

BASIC COURSE

MISC 103 INTRODUCTION TO MILITARY SCIENCE (Military Science I) *Two hours lecture, one and one-half hour laboratory; 2 credits.* This course will introduce the student to the organization, role and branches of the U.S. Army. Special emphasis will be placed on note-taking, critical thinking, time management, national affairs, proper study habits, problem solving, methods of communicating effectively, military customs, laws and traditions, military qualification programs, leadership development, and the roles of the U.S. Army Reserve and Army National Guard. Special emphasis within the laboratory will be place on drill and ceremony, practical first aid, cold and heat injury prevention, proper nutrition, health and physical fitness, and wear and maintenance of the uniform. In addition, non-contracted students are required to attend physical training for one day per week, contracted students are required to attend physical training three days per week. Physical training will focus on strength training, conditioning, and cardiovascular improvement. (FALL).

MISC 104 BASIC MILITARY SKILLS (Military Science I) *Two hours lecture, one and one-half hour laboratory; 2 credits.* This course is a continuation of MISC 103 and an introduction to new cadets that choose to enroll in the ROTC program in the spring. Students will be introduced to the overall organization of the Total Army and the role it plays in the defense and preservation of our country's national objectives. In addition, students will be exposed to academic improvement pro- grams such as critical thinking, logic, time management, briefing techniques, group dynamics, diversity aware- ness, and leadership development. Special emphasis within the laboratory will be placed drill and ceremony, practical first aid, cold and heat injury prevention, proper nutrition, health and physical fitness, and wear and maintenance of the uniform. In addition, non-contracted students are required to attend physical training for one day per week, contracted students are required to attend physical training three days per week. Physical training will focus on strength training, conditioning, and cardiovascular improvement. (SPRING).

MISC 200 LEADERSHIP DEVELOPMENT I (Military Science II) *Three hours lecture, one and one- half hour laboratory; 3 credits.* This course is designed to provide the student with a realistic view of the duties and responsibilities of the small unit leader. Special emphasis within the lecture will be placed on national and international affairs, history of military conflict, leadership development, land navigation, and introduction to small unit tactics. Special emphasis within the laboratory will be placed on weapons familiarization and qualification, drill and ceremony, practical first aid, cold and heat injury prevention, proper nutrition, physical fitness, and wear and maintenance of the uniform. In students are required to attend physical training for three days per week. Physical training will focus on strength training, conditioning, and cardiovascular improvement. (FALL).

MISC 204 LEADERSHIP DEVELOPMENT II (Military Science II) *Three hours lecture, one and one-half hour laboratory; 3 credits.* This course is designed to instill within the student a sense of responsibility and commitment in order to prepare him or her for both continuation in the ROTC Program and a future as a commissioned officer in the U.S. Army. Special emphasis within the lecture will be placed on improving global awareness, leadership development, review and continuation of land navigation, and small unit tactics within an infantry squad. Special emphasis within the laboratory will be placed on drill and ceremony, practical first aid, cold and heat injury prevention, proper nutrition, physical fitness, and wear and maintenance of the uniform. In addition, students are required to attend physical training three days per week. Physical training will focus on strength training, conditioning, and cardiovascular improvement. (SPRING).

MISC 205 BASIC CADET SUMMER TRAINING *Five weeks, 560 hours; 0 credits.* This is a five-week course conducted at Fort Knox, Kentucky. This camp provides training equivalence to the Basic Course and is designed to qualify students for ROTC Advanced Course. Emphasis is placed on training in the basic military skills of leadership, weapons, communications, tactics, land navigation, first aid, and physical training. Students are paid a stipend by the Department of the Army for their participation in the course. Applications must be made through the Professor of Military Science. (SUMMER).

ADVANCED COURSE

MISC 301 INTRODUCTION TO TEAM AND SMALL UNIT OPERATIONS (Military Science III) *Three hours lecture, one and one-half hour laboratory; 3 credits.* This begins the professional phase of the student's ROTC career. The broad objective is to further the development of the cadet in the responsibilities of and techniques utilized by a military leader. The sub-courses are developed to direct the thrust of education toward the knowledge, leadership, and management skills needed by an Army Second Lieutenant. Emphasis in the lecture will be placed on the Army Leadership Development Program (LDP), land navigation, weapons qualification, squad and platoon level infantry tactics, physical training, and job performance. Emphasis in the laboratory will be placed primarily on position assessment and performance as a cadet non-commissioned officer and assisting the cadet officers and cadre with the instruction of Basic Course cadets during leadership laboratory or in ROTC extra-curricular activities. Students enrolled in this course are required to attend physical training three to five days per week, depending on their performance on the Army Physical Fitness Test. Students are also required to go to Field Training Exercises (FTX) at least once a month in order to apply classroom instruction in a practical environment on land navigation courses, squad tactical exercise lanes, or weapon ranges. (FALL).

MISC 302 INTRODUCTION TO MILITARY TRAINING MANAGEMENT (Military Science III) *Three hours lecture, one and one-half hour laboratory;3 credits.* This course is a practical continuation of the subject matter covered in the MISC 301 course. Students will continue to be challenged in furthering their development in the responsibilities of and techniques utilized by a military leader. Their sub-course, like those in MISC 301, is developed to direct the thrust of education toward the knowledge, leadership, and management skills needed by an Army Second Lieutenant. Emphasis in the lecture will continue to be placed on the Army Leadership Development Program (LDP), land navigation, weapons qualification, squad and platoon level infantry tactics, physical training, and job performance. However, training and evaluation of these tasks will be entirely from the tactical perspective. Emphasis in the laboratory is still placed primarily on position assessment and performance as a cadet noncommissioned officer and assisting the cadet officers and cadre with the instruction of Basic Course cadets. Students enrolled in this course are required to attend physical training three to five days per week. Stu- dents will go to Field Training Exercises (FTX) at least once a month in order to apply classroom instruction in a practical environment on land navigation courses, squad tactical exercise lanes, or weapon ranges. (SPRING).

MISC 303 ADVANCED SUMMER TRAINING *Five Weeks, 560 hours; 0 cred- its.* A five-week, fully-paid course conducted at Fort Knox, KY. Students must successfully complete prior to commissioning. Cadets will put into practice the leadership and soldier skills learned in the classroom and lab. Conducted during the summer session. (Formerly LDAC) **Prerequisites:** MISC 301-302. (SUMMER).

MISC 401 MILITARY SCIENCE IV *Three hours lecture. One and one-half hour laboratory 3 credits.* This course begins the final professional phase of the ROTC Program by allowing cadets to plan, coordinate, and evaluate the ROTC cadet organization and activities. Topics include Cadet to Lieutenant Transition; Staff Organization, Function, and Processes; Counseling Methods and Responsibilities; Fostering Ethical Command Climate; Moral Obligations and Army Values; Accommodating Subordinate Soldier Personal and Spiritual Needs. (FALL).

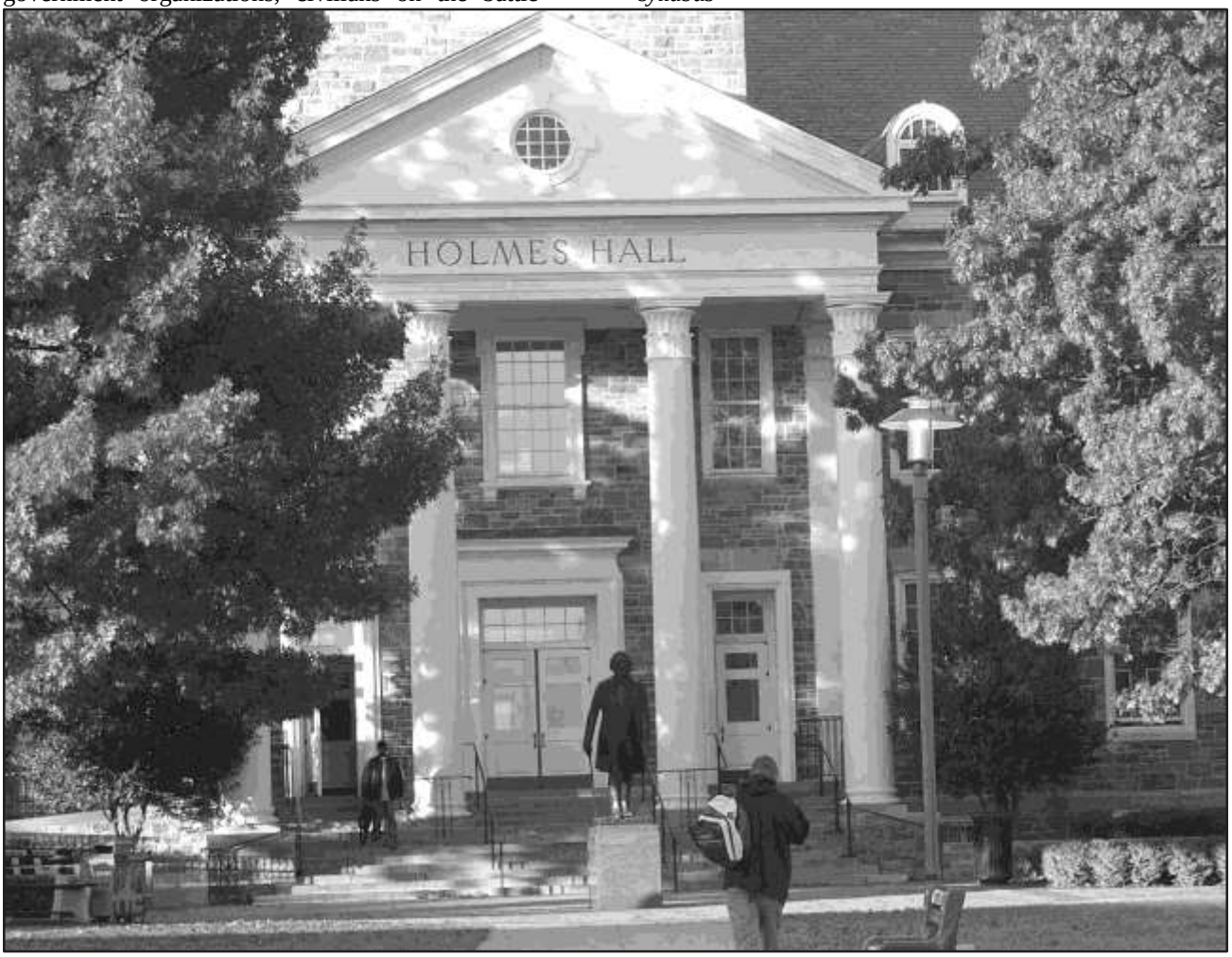
MISC 402 MILITARY SCIENCE IV *Three hours lecture; 3 credits.* This course completes the final professional phase of the ROTC program by continuing the MISC 401 methodology of planning, coordinating, and evaluating subordinate cadets and ROTC activities. Topics include Organization of the Army; Tactical & Strategic Level Operations; First Duty Station Reporting Procedures; Permanent Change of Station (PCS) process; Administrative & Logistical Management; Motivation Techniques; Military Law. Emphasis is placed on skills needed for effective day-to-day unit leadership and professionalism as a newly-commissioned officer in the Army. (SPRING).

MISC 498 ADAPTIVE LEADERSHIP *Three hours lecture; 3 credits.* This course is a practical application of adaptive leadership. Throughout the semester, students are assigned the duties and responsibilities of an Army staff officer and must apply the fundamentals of principles of training, the training management, the Army writing style and military decision making to weekly training meetings. During these weekly training meetings, the student will plan, execute and assess ROTC training and recruiting events. Students will assist in training their subordinate Cadets in the MS 2 and MS 3 Level classes on small unit leadership and the

tactical application of techniques taught in the classroom in a field environment. Students will develop, plan and execute the Cadet Mentorship Program, Cadet Recruiting Program and assist in administering the Leadership Development Program. (Formerly Military Planning & Resourcing I) (OFFERED AS NEEDED).

MISC 499 LEADERSHIP IN A COMPLEX WORLD *Three hours lecture; 3 credits.* This course explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). Students will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. Students also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC II and III, and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant" exercises to prepare you to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army. (Formerly Military Planning & Resourcing II) (OFFERED AS NEEDED)

**Each course includes a one-hour-and-twenty-minute laboratory during which the student will learn basic soldiering skills and leadership fundamentals. Courses also include requirements to attend physical readiness training, field training exercises and orientation trips. Individual course requirements are included in the course syllabus*



MORGAN STATE UNIVERSITY
Department of Military Science
CURRICULUM SEQUENCE

BASIC COURSE INSTRUCTION

FRESHMAN YEAR	SOPHOMORE YEAR
FALL SEMESTER	**FALL SEMESTER**
MISC 103 INTRO TO MILITARY SCIENCE	MISC 200 LEADERSHIP DEVELOPMENT I
SPRING SEMESTER	**SPRING SEMESTER**
MISC 104 INTRO TO MILITARY SCIENCE	MISC 204 LEADERSHIP DEVELOPMENT II

SUMMER SESSION

MISC 205 BASIC CADET SUMMER TRAINING

ADVANCED COURSE INSTRUCTION

JUNIOR YEAR	SENIOR YEAR
FALL SEMESTER	**FALL SEMESTER**
MISC 301 MILITARY SCIENCE III	MISC 401 MILITARY SCIENCE IV
SPRING SEMESTER	**SPRING SEMESTER**
MISC 302 MILITARY SCIENCE III	MISC 402 MILITARY SCIENCE IV

SUMMER SESSION

MISC 303 ADVANCED CADET SUMMER TRAINING

LEADERSHIP TRACK
MISC 498
MISC 499
HIST 327

PHILOSOPHY AND RELIGIOUS STUDIES

Chairperson of Department: ASSOCIATE PROFESSOR SETH VANNATTA; Professor: TSENAY SEREQUEBERHAN; Associate Professors: MARCOS BISTICAS-COCOVES, JOANNA CROSBY, ZEKEH GBOTOKUMA, JANICE MCLANE, JOSEPH PETTIT, ANIKA SIMPSON; Assistant Professors: HAROLD MORALES, AARON RODRIGUEZ; Lecturers: WILLIAM ALLEN, DANIEL BRUNSON, VADIM JIGOULOV, A. LEO WHITE.

OBJECTIVES OF THE DEPARTMENT

The Department of Philosophy and Religious Studies seeks, in its general education courses as well as in its major curricula, to foster in students' knowledge that will enable them to develop a reasoned view of reality, a critical understanding of our contemporary perspective, and to provide solid preparation for graduate or professional school.

THE MAJOR IN PHILOSOPHY OBJECTIVES

The objectives of the Philosophy Major are: (1) to aid students in developing skills in reflective thinking and critical judgment; (2) to foster in students an under- standing and appreciation of the various interpretations of reality throughout the ages; (3) to foster in students a knowledge and appreciation of the value judgments in various aspects of human life; and (4) to foster in students a knowledge and appreciation of the gray issues and problems in contemporary philosophy and society and to guide in the finding of effective solutions.

The Department offers a Bachelor of Arts (B.A.) Degree in philosophy. Within this major, students may pursue three areas of focus: philosophy, religious studies, or pre-law.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, **students must complete six (6) credits of a foreign language composed of two sequential courses in the same foreign language**, and **six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts**. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70 or higher; must have taken two-thirds of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Required Courses for the Major in Philosophy - All students must complete CORE, TRACK, AND ELECTIVE requirements.

CORE:	**(12 Credits)**
PHIL 102 Introduction to Philosophy	3
PHIL 443 Great Works Seminar	3
PHIL 490 Seminar I*	3
PHIL 491 Seminar II*	3

*Departmental honors students satisfy the senior seminar requirement by completing PHIL 488 and PHIL 489, Senior Honors Thesis I-II.

TRACKS

Philosophy Track (12 Credits)

Students majoring in Philosophy and pursuing the Philosophy track must complete 4 of the following courses (only 1 of the 4 courses can be at the 200 level):

PHIL 220 OR PHIL 221 Introduction to Ethics	3
PHIL 222 Introduction to Theory of Knowledge	3
PHIL 224 Introduction to Public Philosophy	3
PHIL 302 Intro. to Formal and Informal Logic	3
PHIL 332 Western Philosophy I: Ancient	3
PHIL 337 Western Philosophy III: Early Modern	3
PHIL 338 Western Philosophy IV: 19th Century	3
PHIL 339 Western Philosophy V: Contemporary	3

Religious Studies Track (12 Credits)

Students majoring in Philosophy and pursuing the Religious Studies track must complete 4 of the following courses (only 1 of the 4 courses can be at the 200 level):

RELG 201 Introduction to the Study of Religion	3
RELG 301 Introduction to Old Testament	3
RELG 302 Introduction to New Testament	3
RELG 309 African and African American Religious Traditions	3
RELG 310 Western Religious Traditions	3
RELG 311 Eastern Religious Traditions	3
PHIL 336 Western Phil. II: Medieval	3
PHIL 440 Philosophy of Religion	3

Pre-Law Track (12 Credits)
Students majoring in Philosophy and pursuing the Pre-Law track must complete 4 of the following courses (only 1 of the 4 courses can be at the 200 level):

PHIL 220/ PHIL 221 Introduction to Ethics	3
PHIL 223 Intro. to Philosophy of Politics	3
PHIL 224 Intro. to Public Philosophy	3
PHIL 302 Intro. to Formal and Informal Logic	3
PHIL 343 Philosophy of Law	3
PHIL 423 Ethics and the Law	3
PHIL 441 Philosophy and Constitutional Thought	3

ELECTIVES (12 Credits)
All students majoring in Philosophy must take 4 additional courses from the offerings in Philosophy and Religious Studies.

SUMMARY

Foreign Language	6
Core	12
Track	12
Electives	12
Total:	**42**

THE DEPARTMENTAL HONORS PROGRAM IN PHILOSOPHY

Objectives
The Departmental Honors Program in Philosophy is a complement to—and is intended to be pursued during the junior and senior years after completion of—the University- wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for life-long, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility
To qualify for admission to the Departmental Honors Program in Philosophy, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be inter- viewed, and be admitted to the Program by the Department.

Program Requirements
Students admitted to the Departmental Honors Program in Philosophy must complete the following course requirements:

PHIL 388 Great Books I—Pre-Modern Period	2 credits
PHIL 399 Great Books II—Modern/Contemporary Period	2 credits
PHIL 488 Senior Honors Thesis I	3 credits
PHIL 489 Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the department.

To remain in the Departmental Honors Program in Philosophy, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, and (3) must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

Required Courses for a Minor in Philosophy
Students minoring in Philosophy must complete 18 credits in Philosophy with a grade of “C” or better, and may use any sequence of different Philosophy courses, excluding PHIL 109—Introduction to Critical Thinking to meet those requirements.

Required Courses for a Minor in Religious Studies
Students minoring in Religious Studies must complete 18 credits in Religious Studies with a grade of “C” or better, and may use any sequence of Religious Studies courses to meet those requirements.

HONORS PHILOSOPHY COURSE OFFERINGS

PHIL 119 INTRODUCTION TO CRITICAL THINKING—HONORS *Three hours; 3 credits.* This course is a study of the fundamental principles of logic, including reflective thinking. Emphasis will be given to the study of the traditional or classical forms of deductive and inductive inference and the process of communicating, symbolizing and defining. Constant practice in detecting fallacious reasoning will be provided. It also provides the student the opportunity for reading, critical thinking, research and writing experiences and for the application of knowledge and skills to problems and issues in contemporary society. This course is required of students in the University Honors Program to satisfy General Education Requirements and is open to other students with Departmental permission. (FALL/SPRING).

PHIL 388 GREAT BOOKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program. (FALL).

PHIL 399 GREAT BOOKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I. (SPRING).

PHIL 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I and II. (FALL).

PHIL 489 SENIOR HONORS THESIS II:— *Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honors thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite:** admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (SPRING).

PHILOSOPHY COURSE OFFERINGS

PHIL 101 INTRODUCTION TO REFLECTIVE THINKING—*Three hours; 3 credits.* This course is a practice-oriented study of logical reasoning based on the reading of arguments (editorials, letters to the editor, speeches made in legislative bodies, opinions, etc.). (OFFERED AS NEEDED).

PHIL 102 INTRODUCTION TO PHILOSOPHY— *Three hours; 3 credits.* This course consists of an introductory examination of the major approaches to philosophy and a careful consideration of various interpretations of the universe and their implications for a philosophy of life. It is open to freshmen and presupposes no previous course in philosophy. (OFFERED AS NEEDED).

PHIL 109 INTRODUCTION TO CRITICAL THINKING—*Three hours; 3 credits.* This course is a study of the fundamental principles of logic, including reflective thinking. Emphasis will be given to the study of the traditional or classical forms of deductive and inductive inference and the processes of communicating, symbolizing and defining. Constant practice in detecting fallacious reasoning will be provided. (FALL/SPRING/WINTER/SUMMER) (Prerequisite: ENGL 102 or 112)

PHIL 220 ETHICS AND VALUES—*Three hours; 3 credits.* This course explores contemporary moral issues stemming from business, science and technology, law, international affairs, the environment, public policy, interpersonal relations, etc., against the background of cultural values as illuminated by various ethical theories. (FALL/SPRING).

PHIL 221 INTRODUCTION TO ETHICS—*Three hours; 3 credits.* This is a study of the major types of ethical theory, including evaluations of formalism, hedonism and perfectionism. (SPRING).

PHIL 222 THEORIES OF KNOWLEDGE—*Three*

hours; 3 credits. This course studies some of the fundamental problems of theories of knowledge and effective thinking, as well as theories of value. Students will be introduced to significant literature in each of these areas. In addition to lectures, there will be class discussions based upon selected readings and research. (FALL).

PHIL 223 INTRODUCTION TO THE PHILOSOPHY OF POLITICS–*Three hours; 3 credits.* This course is an introduction to selected themes in social and political philosophy, including freedom, equality, power, and social change. It will consist of a close reading of a number of social and political philosophers. (SPRING).

PHIL 224 INTRODUCTION TO PUBLIC PHILOSOPHY—Three hours; 3 credits. This course is an introduction to public philosophy. It will explore public philosophy and compare its form of presentation to that of academic philosophy. Further, it will cultivate the skills necessary to engage philosophically outside a college community with an eye to contributing to the greater good. (SPRING)

PHIL 301 WRITING PHILOSOPHICAL ARGUMENTS–*Three hours; 3 credits.* This is an intensive course designed to instruct philosophy majors, minors, and interested non-majors in writing philosophical arguments. Instruction will focus on clarity of prose, essay organization, and rigor of philosophical argumentation. The vocabulary basic to the philosophical tradition will also be taught. (SPRING).

PHIL 302 INTRODUCTION TO FORMAL AND INFORMAL LOGIC—*Three hours; 3 credits.* This course has been designed to cover areas of informal logic (i.e., informal fallacies, logical puzzles, etc.) that also appear on professional or graduate school admission tests. (FALL).

PHIL 304 SYMBOLIC LOGIC—*Three hours; 3 credits.* This course is a study of recent developments in logic as an instrument for the analysis of fundamental philosophical and scientific concepts. The course will include such topics as the meaning of notations, truth functions, and construction of deductive systems and methods of determining the validity of complex modes of argumentation. (OFFERED AS NEEDED).

PHIL 310 PROBLEMS IN CONTEMPORARY PHILOSOPHY—*Three hours; 3 credits.* This course focuses on a specific problem area in one of the contemporary philosophical currents (analytic philosophy, phenomenology, hermeneutics, critical theory, etc.). **Prerequisite:** PHIL 109. (OFFERED AS NEEDED).

PHIL 320 GLOBAL ETHICAL ISSUES–*Three hours; 3 credits.* This course is a discussion of some urgent ethical issues affecting the global village. Such issues include, among others, the ethical issues or problems in electronic communications and the digital divide, international aid, health and diseases (HIV- AIDS), population control, immigration and refugees, modern-day slavery, the trafficking of humans and narco-trafficking. (OFFERED AS NEEDED).

PHIL 321 POWER AND GENDER—*Three hours; 3 credits.* This course focuses on the central philosophical themes and problems of feminist thinking. (OFFERED AS NEEDED).

PHIL 322 PROBLEMS IN SOCIAL PHILOSOPHY —*Three hours; 3 credits.* This course is a critical analysis of some of the leading problems in current social philosophy. It will focus on such key concepts as alienation, participation and community from the perspective and against the background of modern society. (OFFERED AS NEEDED).

PHIL 332 WESTERN PHILOSOPHY I: ANCIENT PHILOSOPHY—*Three hours; 3 credits.* This course examines Western philosophical developments up to 900 CE. (SPRING).

PHIL 336 WESTERN PHILOSOPHY II: MEDIEVAL PHILOSOPHY–*Three hours; 3 credits.* This course focuses on philosophical developments in Western culture from 400 CE to 1450 CE. (FALL).

PHIL 337 WESTERN PHILOSOPHY III: EARLY MODERN PHILOSOPHY—*Three hours; 3 credits.* This course focuses on philosophical developments from 900 CE to 1850 CE. (SPRING).

PHIL 338 WESTERN PHILOSOPHY IV: 19th CENTURY PHILOSOPHY—Three hours; 3 credits. This course explores the writings of some of the most important philosophers of this period of philosophy. Central texts of Hegel, Kierkegaard, Nietzsche, and/ or Marx will be read in view of the focal problems that concerned them and that still affect us today, (formerly PHIL 339). (SPRING).

PHIL 339 WESTERN PHILOSOPHY V: CONTEMPORARY PHILOSOPHY—Three hours; 3 credits. This course emphasizes African-American and Euro-American philosophical developments in the United States, (formerly PHIL 439). (SPRING).

PHIL 340 PHILOSOPHY OF THE NATURAL SCI- ENCES—*Three hours; 3 credits.* In this course an analysis is made of scientific methodology, and certain of the results and discoveries of science are evaluated with respect to their implications for man and his place in the universe. (OFFERED AS NEEDED).

PHIL 342 PHILOSOPHY AND GEOGRAPHY– *Three hours; 3 credits.* This course examines the generation of meaning through spatialized behavior. Reciprocal influences between human life and its built or mapped environments are studied from a philosophical perspective**.** (OFFERED AS NEEDED).

PHIL 343 PHILOSOPHY OF LAW—*Three hours; 3 credits.* This course examines philosophical questions concerning law, natural law, positive law, law and morality, law and reason, law and society, legal theories. (FALL).

PHIL 344 PHILOSOPHY IN LITERATURE– *Three hours; 3 credits.* This course is an examination of philosophic and literary texts used to address the question: How are philosophy and literature related? Emphasis will be on the treatment of similar topics by these two different traditions. (OFFERED AS NEEDED).

PHIL 345 PHILOSOPHY OF ART—*Three hours; 3 credits.* This introductory course deals with the major theories of the nature of art and the aesthetic experience. (OFFERED AS NEEDED).

PHIL 360 AFRICAN PHILOSOPHY–*Three hours; 3 credits.* This course is an exploration and examination of the philosophical work of African thinkers and of the critical emphases contained therein. (OFFERED AS NEEDED).

PHIL 363 ASIAN PHILOSOPHY–*Three hours; 3 credits.* This course is a study of Confucianism, Shintoism, Buddhism, Hinduism, and practices of meditation. (OFFERED AS NEEDED).

PHIL 366 LATIN-AMERICAN PHILOSOPHY– *Three hours; 3 credits.* This course will focus on the recent Latin-American philosophical developments, especially of phenomenology, existentialism and hermeneutics as represented under the title "Philosophy of Liberation." (OFFERED AS NEEDED).

PHIL 380 PHILOSOPHY COLLOQUIUM—*Three hours; 3 credits.* This course is designed to allow for a more detailed study of problems, questions, and themes encountered in earlier courses. Each semester a different topic will be examined. Students are expected to present brief reports, orally or in writing, for discussion. (OFFERED AS NEEDED).

PHIL 402 GREAT ISSUES—*Two hours; 2 credits.* This course seeks to apply ideas and perspectives from a number of disciplines to a critical examination of some of the major issues and problems of moment to us as citizens of the modern world. The student will be expected to bring together significant aspects of his/her learning in various academic fields. (OFFERED AS NEEDED).

PHIL 407 ENVIRONMENTAL ETHICS—*Three hours; 3 credits.* This course examines ethical questions arising from our relation to other species and the natural environment, including the role of economics, aesthetics, cultural/historical values, concerns of race, gender and class, and the intrinsic value of nature, biodiversity, and wilderness. It also examines the translation of these values into environmental law via the policy-making process. (OFFERED AS NEEDED).

PHIL 409 ADVANCED LOGIC—*Three hours; 3 credits.* This course is an examination of universal and null classes, propositions and laws, class inferences, diagram methods, theory of relations, logical structure of deductive systems, induction and scientific methodology and the importance of logic for the sciences. **Prerequisite:** PHIL304. (OFFERED AS NEEDED).

PHIL 420 SCIENCE, TECHNOLOGY, AND ETHICS–*Three hours; 3 credits.* This course concerns the intersection of ethics and the human search for knowledge. Depending on the interests of the instructor, the course can focus on any aspect of scientific pursuit or technological development in addition to the role or appropriateness of ethical checks included in the work of researchers, the way scientific discoveries and technological advances impact society, and the ethical implications of these results for our lives. At the end of the course, students will be expected to show proficiency in the area of focus as well as an understanding of the ethical issues involved. (OFFERED AS NEEDED).

PHIL 421 ETHICS IN CONTEMPORARY SOCIETY—*Three hours; 3 credits.* This course addresses questions of ethics related to technology (computers, communications media, etc.), to biology (genetic engineering, etc.), to business and to medicine. Each time the course is offered, it will emphasize one or two of the topics listed. (SPRING).

PHIL 422 GENDER AND ETHICS—*Three hours; 3 credits.* This course is an inquiry into questions of right and wrong in sexual relationships, as these occur on the personal level or in social contexts, such as the marketplace, the media, the work place, or the University. Gender is examined as a system of differential assignments of power and prerogatives, based in but not limited to individual reproductive functions. (OFFERED AS NEEDED).

PHIL 423 ETHICS AND THE LAW—*Three hours; 3 credits.* This course is an examination of the relation of ethics to the law. Among other topics, it will consider both the relation of ethical theory to the law and particular ethical issues in the law. (FALL).

PHIL 424 PHILOSOPHY OF PROTEST—*Three hours; 3 credits.* Against the background of set historical movements for freedom and equality in general, this course comprises an examination of the philosophical presuppositions and implications of social protest movements in the United States. Special attention will be given to competing philosophies of violence and non-violence and to interpretations of Civil Disobedience, Black Power, and Black Nationalism in relation to American life and culture. (OFFERED AS NEEDED).

PHIL 430 PHILOSOPHICAL SYSTEMS—*Three hours; 3 credits.* This course deals with the basic premises, principles and methods contained in philosophical systems such as Plato and Platonism, Aristotle and Aristotelianism, Empiricism, Kant and Kantianism, Marx and Marxism. Only one system will be studied in a semester. (OFFERED AS NEEDED).

PHIL 432 PHILOSOPHY OF THE BLACK EXPERIENCE—*Three hours; 3 credits.* This course focuses on selected writings of African-American and African philosophers. (OFFERED AS NEEDED).

PHIL 433 PHILOSOPHY OF THE BODY—*Three hours; 3 credits.* This course examines how human knowledge, actions, and social systems are founded on the body. Central to the course are questions of how the body is both "natural" and created by culture. (OFFERED AS NEEDED).

PHIL 438 KANT—Three hours; 3 credits. This course is a close examination of a major text by Immanuel Kant, such as The Critique of Pure Reason, The Critique of Practical Reason, or The Critique of Judgment. Prerequisite: PHIL 337: Western Philosophy III: Early Modern Philosophy. (FALL).

PHIL 440 PHILOSOPHY OF RELIGION—*Three hours; 3 credits.* This course deals principally with the nature and existence of God, religious knowledge, the problems of good and evil, and the nature and destiny of man. (FALL).

PHIL 441 PHILOSOPHY AND THE CONSTITUTIONAL THOUGHT—*Three hours; 3 credits.* This course focuses on the nature of constitutional thought from classical antiquity to the present and on the principle ideas that shaped the American Constitution. (SPRING).

PHIL 443 GREAT WORKS SEMINAR—Three hours; 3 credits. This course is a close examination of a major text in philosophy, such as Plato's Republic, Hegel's Phenomenology of Spirit, or Beauvoir's The Second Sex. Prerequisite: Fifteen credits in the major. (SPRING.)

PHIL 444 SCIENCE, TECHNOLOGY, AND GENDER–*Three hours; 3 credits.* This course is a critical inquiry into American science. It will analyze multi-dimensionally gender as a product of scientific rhetoric and an index of the degree to which people share in the practices and benefits of science and technology. (OFFERED AS NEEDED).

PHIL 480 ADVANCED THEORY OF PHILOSOPHY AND GLOBAL STUDIES—*Three hours; 3 credits.* This course applies various theories of justice– for example, libertarian justice, contractarian justice, utilitarian justice, egalitarian justice– to such global issues as human rights, globalization, race and gender, diversity, international aid and development, population control, war, etc. (OFFERED AS NEEDED).

PHIL 481 ADVANCED THEORY OF PHILOSOPHY AND GENDER—*Three hours; 3 credits.* This course will offer advanced readings in current topics of feminist

and gender-related issues. The philosophy of gender in relation to African Americans and global concerns will be a recurring theme. (OFFERED AS NEEDED).

PHIL 490 SEMINAR I: PHILOSOPHICAL READING AND WRITING—*Three hours; 3 credits.* This course is an introduction to the research tools in Philosophy and their use. It involves reading of philosophical literature in periodicals and journals and the writing of philosophical arguments and essays. **Prerequisites:** PHIL 301. (FALL)

PHIL 491 SEMINAR II—*Three hours; 3 credits.* This course focuses on the investigation of an approved topic in Philosophy and development of a seminar paper. **Pre- requisite**: PHIL 490 (SPRING).

PHIL 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (FALL).

PHIL 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (SPRING).

RELIGIOUS STUDIES COURSE OFFERINGS

RELG 201 INTRODUCTION TO THE STUDY OF RELIGION—*Three hours, 3 credits.* This course examines the different methods and approaches used in the study of religion. Religions as expressed in texts, rituals, practices, and ideas are considered within philosophical, historical, cultural, political, and sociological contexts. The course also introduces the comparative study of religion. (OFFERED AS NEEDED).

RELG 301 INTRODUCTION TO THE OLD TESTAMENT/HEBREW BIBLE—*Three hours; 3 credits.* This course examines both the history of biblical Judaism and the central Jewish religious and theological concepts of the Old Testament. (FALL).

RELG 302 INTRODUCTION TO THE NEW TESTA- MENT—*Three hours; 3 credits.* This course deals with the origin of Christianity, the development of its sacred writings, the nature and message of its various types of literature, the philosophy of Christianity, and its decisive impact upon Western and world culture. (SPRING).

RELG 305 INTRODUCTION TO WORLD RELI-GIONS—*Three hours; 3 credits.* This course is a study of the cultural backgrounds, life of the founders, sacred literature, world view, ideals of conduct and institutional development of the major non-Christian religions of the world. (FALL/SPRING).

RELG 309 AFRICAN AND AFRICAN AMERICAN RELIGIOUS TRADITIONS—*Three hours; 3 credits.* This course examines the many different African American religious traditions and the African religions that have influenced much of African American religious experience. (OFFERED AS NEEDED).

RELG 310 WESTERN RELIGIOUS TRADITIONS—*Three hours; 3 credits.* This course is an intensive study of the major historical religions of the Western world, e.g., Judaism, Christianity, and Islam. (FALL).

RELG 311 EASTERN RELIGIOUS TRADITIONS–*Three hours; 3 credits.* This course is a study of the cultural backgrounds, life of the founders, sacred literature, world view, ideals of conduct and institutional development of the religions of the East, e.g., Buddhism, Hinduism. (SPRING).

RELG 312 RELIGION IN THE BLACK CHURCH—*Three hours; 3 credits.* This course is an analysis of the history, theology, and institutional structure of the Black Church, its contemporary functions and its place in social change. Emphasis is on the social conditions that shaped the Black Church and influenced redefinition of its organization components. (OFFERED AS NEEDED).

RELG 315 INTRODUCTION TO CHRISTIAN ETHICS—*Three hours; 3 credits.* This course is an analysis of the historical development of Christian ethics. Selected current social problems and issues will be examined from the perspectives of historical and

contemporary Christian ethical stances. (OFFERED AS NEEDED).

RELG 321 RELIGION AND POLITICS— *Three hours;3 credits.* This course examines historical and contemporary issues and debates concerning the role of religion in public and political life in the United States. (SPRING).

RELG 322 AFRICAN RELIGION–*Three hours; 3 credits.* This course is a study of the cultural backgrounds, creation myths, religious movements and their founders, world views, ideals of conduct and institutional development of the major African religious traditions both in Africa and the African Diaspora. This course will explore both traditional and new religions. (OFFERED AS NEEDED).

RELG 323 JUDAISM—*Three hours; 3 credits.* This course examines the development of post-Biblical Judaism, major themes, movements, practices, and values. (OFFERED AS NEEDED).

RELG 326 ISLAM—*Three hours; 3 credits.* This course is an introductory study of Islam as a religious tradition, the Koran, the Prophet, the Sunna of the Prophet, the Sacred Law, theology of Sufism and modernist development. (OFFERED AS NEEDED).

RELG 328 CHRISTIANITY—*Three hours; 3 credits.* This course will trace the historical, institutional, and theologico-philosophical development of the Christian religion from the first to the twentieth century. Special attention will be given to the impact of Christian thought on the development of Western culture. (SPRING).

RELG 331 BUDDHISM—*Three hours; 3 credits.* This course focuses on the cultural and social situation of India during the time of the Buddha, history and development of Buddhist thought, sectarian schools and the rise of Mahayana and Tantric Buddhism, monasticism, ethics and meditation, and impact of Buddhism on Hindu tradition. (OFFERED AS NEEDED).

RELG 332 RELIGION IN JAPAN—*Three hours; 3 credits.* This course examines religious movements in Japan with emphasis on the development of Shinto, Buddhism, Confucianism, Christianity and the use of the new religions. (OFFERED AS NEEDED).

RELG 333 RELIGIOUS ETHICS—*Three hours; 3 credits.* This course is an examination of the principal ethical problem areas and the approach made to them by the major world religions. (OFFERED AS NEEDED).

RELG 340 RELIGION AND SOCIAL JUSTICE— *Three hours; 3 credits.* This course examines the role of religion in both historical and contemporary struggles and debates regarding social justice. While other topics may be discussed, special emphasis will be given to issues of racial and economic inequality. (OFFERED AS NEEDED).

RELG 342 RELIGION AND SCIENCE—*Three hours; 3 credits.* Both historical and contemporary debates regarding the relationship of religion to science will be examined in this course. Topics to be considered include creation, evolution, intelligent design, miracles, and natural law. (OFFERED AS NEEDED).

RELG 407 RELIGION IN CULTURE AND SOCIETY—*Three hours; 3 credits.* The relationship between religion and culture will be examined in this course. The impact of each upon the other will be studied, and an examination will be made of the extent to which religion effects cultural development. (OFFERED AS NEEDED).

RELG 408 READINGS IN RELIGIOUS THOUGHT — *Three hours; 3 credits.* Advanced students in Religious Studies are given the opportunity to do directed research in religious literature. Honors Seminar. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
PHILOSOPHY - TRACK
CURRICULUM SEQUENCE

1st Year – Fall Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – HH – GENERAL ED. REQ.*	3
ORLA 101FRESHMAN ORIENTATION	1
PHIL 102 INTRO TO PHILOSOPHY	3
XXX FREE ELECTIVE	3
Total Semester Credits	16

1st Year – Spring Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – MQ – GENERAL ED. REQ.*	4
XXXX – IM – GENERAL ED. REQ.*	3
PHEC XXX PHYSICAL EDUCATION	1
XXXX – SB – GENERAL ED. REQ.*	3
Total Semester Credits	17

2 nd Year - Fall Semester

XXXX – AH – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	4
PHIL 109 INTRO CRIT. THINKING (CT)	3
PHIL XXX PHIL ELECTIVE 1	3
XXX FREE ELECTIVE	2
Total Semester Credits	15

2 nd Year - Spring Semester

XXXX – AH – GENERAL ED. REQ.*	3
PHIL 2XX PHIL TRACK REQ 1	3
PHIL XXX PHIL ELECTIVE 2	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	3
Total Semester Credits	15

3 rd Year - Fall Semester

FOREIGN LANGUAGE ELECTIVE	3
XXXX – CI – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	3
XXX FREE ELECTIVE	3
PHIL XXX PHIL TRACK REQ 2	3
Total Semester Credits	15

3 rd Year - Spring Semester

FOREIGN LANGUAGE ELECTIVE	3
PHIL 433 GREAT ISSUES IN PHIL.	3
PHIL XXX PHIL TRACK REQ 3	3
XXX FREE ELECTIVE 3	
XXX LIBERAL ARTS CORE I	3
Total Semester Credits	15

4 th Year - Fall Semester

PHIL XXX PHIL TRACK REQ 4	3
PHIL XXX PHIL ELECTIVE 3	3
PHIL 490 SEMINAR I***	3
XXX FREE ELECTIVE	3
XXX LIBERAL ARTS CORE II	3
Total Semester Credits	15

4 th Year - Spring Semester

PHIL 491 SEMINAR II***	3
PHIL XXX PHIL ELECTIVE 4	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	3
Total Semester Credits	12

Total Credits: 120

***See General Education requirements for eligible courses.**
****Two sequential courses in the same foreign language. Majors preparing themselves for graduate studies in Religious Studies are urged to fulfill the requirement by taking Latin or German.**
*****Philosophy Honor students take PHIL 488-489 instead of PHIL 490-491.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
RELIGIOUS STUDIES - TRACK
CURRICULUM SEQUENCE

1st Year – Fall Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – HH – GENERAL ED. REQ.*	3
ORLA 101FRESHMAN ORIENTATION	1
PHIL 102 INTRO TO PHILOSOPHY	3
XXX FREE ELECTIVE	3
Total Semester Credits	16

1st Year – Spring Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – MQ – GENERAL ED. REQ.*	4
XXXX – IM – GENERAL ED. REQ.*	3
PHEC XXX PHYSICAL EDUCATION	1
XXXX – SB – GENERAL ED. REQ.*	3
Total Semester Credits	17

2 nd Year - Fall Semester

XXXX – AH – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	4
PHIL 109 INTRO CRIT. THINKING (CT)	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	2
Total Semester Credits	15

2 nd Year - Spring Semester

XXXX – AH – GENERAL ED. REQ.*	3
PHIL 2XX PHIL TRACK REQ 1	3
PHIL XXX PHIL/RELG ELEC. 1	3
PHIL XXX PHIL/RELG ELEC. 2	3
XXX FREE ELECTIVE	3
Total Semester Credits	15

3 rd Year - Fall Semester

FOREIGN LANGUAGE ELECTIVE	3
XXXX – CI – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	3
XXX FREE ELECTIVE	3
PHIL XXX PHIL TRACK REQ 2	3
Total Semester Credits	15

3 rd Year - Spring Semester

FOREIGN LANGUAGE ELECTIVE	3
PHIL 433 GREAT ISSUES IN PHIL.	3
PHIL XXX RELG TRACK REQ 3	3
XXX FREE ELECTIVE 3	
XXX LIBERAL ARTS CORE I	3
Total Semester Credits	15

4 th Year - Fall Semester

PHIL XXX RELG TRACK REQ 4	3
PHIL XXX PHIL ELECTIVE 3	3
PHIL 490 SEMINAR I***	3
XXX FREE ELECTIVE	3
XXX LIBERAL ARTS CORE II	3
Total Semester Credits	15

4 th Year - Spring Semester

PHIL 491 SEMINAR II***	3
PHIL XXX PHIL/RELG ELEC. 4	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	3
Total Semester Credits	12

Total Credits: 120

***See General Education requirements for eligible courses.**
****Two sequential courses in the same foreign language. Majors preparing themselves for graduate studies in Religious Studies are urged to fulfill the requirement by taking Latin or German.**
*****Philosophy Honor students take PHIL 488-489 instead of PHIL 490-491.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
DEPARTMENT OF PHILOSOPHY AND RELIGIOUS STUDIES
PRE LAW - TRACK
CURRICULUM SEQUENCE

1st Year – Fall Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – HH – GENERAL ED. REQ.*	3
ORLA 101FRESHMAN ORIENTATION	1
PHIL 102 INTRO TO PHILOSOPHY	3
XXX FREE ELECTIVE	3
Total Semester Credits	16

1st Year – Spring Semester

XXXX – EC – GENERAL ED. REQ.*	3
XXXX – SB – GENERAL ED. REQ.*	3
XXXX – MQ – GENERAL ED. REQ.*	4
XXXX – IM – GENERAL ED. REQ.*	3
PHEC XXX PHYSICAL EDUCATION	1
XXXX – SB – GENERAL ED. REQ.*	3
Total Semester Credits	17

2 nd Year - Fall Semester

XXXX – AH – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	4
PHIL 109 INTRO CRIT. THINKING (CT)	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	2
Total Semester Credits	15

2 nd Year - Spring Semester

XXXX – AH – GENERAL ED. REQ.*	3
PHIL 2XX PRE LAW TRACK REQ 1	3
PHIL XXX PHIL ELEC. 1	3
PHIL XXX PHIL ELEC. 2	3
XXX FREE ELECTIVE	3
Total Semester Credits	15

3 rd Year - Fall Semester

FOREIGN LANGUAGE ELECTIVE	3
XXXX – CI – GENERAL ED. REQ.*	3
XXXX – BP – GENERAL ED. REQ.*	3
XXX FREE ELECTIVE	3
PHIL XXX PRE LAW TRACK REQ 2	3
Total Semester Credits	15

3 rd Year - Spring Semester

FOREIGN LANGUAGE ELECTIVE	3
PHIL 433 GREAT ISSUES IN PHIL.	3
PHIL XXX RELG TRACK REQ 3	3
XXX FREE ELECTIVE 3	
XXX LIBERAL ARTS CORE I	3
Total Semester Credits	15

4 th Year - Fall Semester

PHIL XXX RELG TRACK REQ 4	3
PHIL XXX PHIL ELECTIVE 3	3
PHIL 490 SEMINAR I***	3
XXX FREE ELECTIVE	3
XXX LIBERAL ARTS CORE II	3
Total Semester Credits	15

4 th Year - Spring Semester

PHIL 491 SEMINAR II***	3
PHIL XXX PRE LAW ELEC. 4	3
XXX FREE ELECTIVE	3
XXX FREE ELECTIVE	3
Total Semester Credits	12

Total Credits: 120

***See General Education requirements for eligible courses.**
****Two sequential courses in the same foreign language. Majors preparing themselves for graduate studies in Religious Studies are urged to fulfill the requirement by taking Latin or German.**
*****Philosophy Honor students take PHIL 488-489 instead of PHIL 490-491.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION

POLITICAL SCIENCE AND PUBLIC POLICY

Chairperson of Department: PROFESSOR MAX HILAIRE; Professors: ALICE JACKSON, GETACHEW METAFERIA; Lecturers: ANNE GENIN, MICHAEL KAMARA, SUSHIL VERMA.

GOALS OF THE DEPARTMENT

As we face the future, it is safe to say that the challenges are far-reaching and unprecedented in scope, importance and diversity. At a time when the world is experiencing great challenges to improving international cooperation in managing global problems, the study of political science has become ever more important in helping people understand the intricate nature of these problems and how they affect us. As the world becomes more interdependent the demand for political scientists will become even greater than in previous years.

In an effort to fulfill the general mission of the University, the Department of Political Science and Public Policy has established the following goals:

1. To assist students in becoming responsible, intelligent and informed members of the local, national and global communities.
2. To provide students with a comprehensive and sound understanding of the evolution of political ideas, the nature of politics and political behavior, different systems of government, and the structure and functions of the governments of the United States, the European Union, Russia, China, Japan, and Latin American and African nations.
3. To develop in students the ability to analyze and interpret the discovery of political facts and the acquisition of political knowledge.
4. To promote and encourage the development of the scientific approach to political research, problem analysis, interpretation and solution.
5. To develop in students the ability to deal effectively with political problems peculiar to minorities.
6. To prepare students for graduate study in political science.
7. To assist students in their preparation for law school.
8. To prepare students for career opportunities, following graduation, in governmental and social services and the business world.
9. To provide opportunities for students to merge the theoretical learning of the classroom with practical work in the work place and practical participation in political affairs.

REQUIREMENTS FOR MAJORS IN POLITICAL SCIENCE

The Department offers a Bachelor of Arts (B.A.) Degree in Political Science. It offers a Political Science track and a Pre-Law track. The department also offers minors in Political Science and Pre-Law.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the section on the College of Liberal Arts. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70 or higher; must have taken two-thirds of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

MAJOR REQUIREMENTS
Required Courses for a Major in Political Science

Students majoring in Political Science must complete the following required courses:

Course	*Description*	*Credits*
POSC 101	Intro. to Political Science	3
POSC 201	American Natl. Govt.	3
POSC 307	Scope and Methods of Political Science	3
POSC 314	Comparative Government	3
POSC 385	International Relations	3
POSC 402	Political Theory	3
POSC 450	Senior Seminar in Political Science	3
POSC XXX	Political Science Elective*	3
POSC XXX	Political Science Elective*	3
ECON 211	Principles of Economics I	3
ECON 212	Principles of Econ. II	3
HIST 105	History of the U.S. I	3
HIST 106	History of the U.S. II	3
XXX	Foreign Language**	3
XXX	Foreign Language**	3

POSC XXX COMPARATIVE GOVERNMENT

ELECTIVE: Choose One 3

POSC 315	Comparative Political Ideologies
POSC 316	Politics of Developing Nations
POSC 321	Government and Politics in Asia
POSC 350	Government and Politics of Modern China
POSC 352	Government and Politics of Japan
POSC 354	Government and Politics of Korea
POSC 360	Government and Politics of the European Union
POSC 380	The Middle East in Transition
POSC 383	Contemporary Africa

POSC XXX INTERNATIONAL RELATIONS ELECTIVE: Choose One 3

POSC 331	American Foreign Policy
POSC 342	Current International Problems
POSC 405	International Law
POSC 407	International Organizations
POSC 463	International Political Economy
INST 111	Global Issues
INST 401	Special Topics in International Studies
INST 409	Independent Study in Int'l Study

POSC XXX AMERICAN GOVERNMENT & POLITICS ELECTIVE: Choose One 3

POSC 202	Problems of Federal Government
POSC 206	Black Politics
POSC 301	Political Parties
POSC 304	The Supreme Court and Civil Rights
POSC 305	Subnational Government and Politics
POSC 312	Metropolitan Area Intergovernmental Relations
POSC 313	Political Development in Urban Communities
POSC 317	Public Policy & Legislative Process
POSC 318	Race, Class, Gender & Criminal Justice
POSC 319	Immigration & Refugee Law
POSC 320	The Presidency
POSC 391	Public Service Internship Program
POSC 401	Public Administration
POSC 403	Black Political Thought
POSC 415	Constitutional Law
POSC 416	Race & Public Law
POSC 420	Politics of Health, Education & Welfare

TOTAL: 54

*Any POSC course at the 300- and/or 400-level not used to satisfy any of the requirements above.
**Two sequential courses in the same language.

Please Note: POSC 101 and POSC 201 are prerequisites for enrollment in all 300- and 400-level courses in Political Science.

Political Science Major—Pre-Law Track

Students majoring in Political Science and following the Pre-Law Track get a strong foundation in the discipline and solid training in the following areas: (1) effective oral and written communication, (2) critical textual analysis; (3) critical thinking, (4) argumentation and rhetoric, and (5) social and governmental institutions, traditions and values that shape the legal world. They must complete the following requirements:

Political Science Requirements		24
POSC 101	Intro. to Political Science	3
POSC 201	American National Govt.	t3
POSC 307	Scopes and Methods	3
POSC 318	Race, Class, Gender and Criminal Justice	3
POSC 385	International Relations	3
POSC 391	Public Internship	5
POSC 402	Political Theory	3
POSC 450	Senior Seminar	3
Pre-Law Track Requirements		30
ENGL 250	Vocabulary Development	3
ENGL 353	Advanced Grammar	3
HIST 237	History of American Law	3
HIST 337	Amer. Constitutional Hist.	3
PHIL 301	Writing Philosophical Arguments	3
PHIL 302	Critical Thinking	3
POSC 390	Seminar on the Practice of Law	3
POSC 415	Amer. Constitutional Law	3
SOCI 308	Criminology	3
SPCH 201	Argumentation and Advocacy	3
TOTAL:		**54**

In addition students following the Pre-Law Track must complete the following two courses in order to satisfy the Liberal Arts Core (LAC) Requirement:

LATN 101	Elementary Latin I	3
LATN 102	Elementary Latin II	3

THE DEPARTMENTAL HONORS PROGRAM IN POLITICAL SCIENCE

Objectives

The Departmental Honors Program in Political Science is a complement to—and is intended to be pursued during the junior and senior years after completion of— the University-wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for lifelong, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility

To qualify for admission to the Departmental Honors Program in Political Science, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be inter- viewed, and be admitted to the Program by the Department.

Program Requirements

Students admitted to the Departmental Honors Program in Political Science must complete the following course requirements:

POSC 388	Great Books— Directed Reading I	2 credits
POSC 389	Great Books— Directed Reading II	2 credits
POSC 488	Senior Honors Thesis I	3 credits
POSC 489	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the Department. To remain in the Departmental Honors Program in Political Science, students: (1) must, once admitted to the Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major aver-age of 3.4 or higher, (3) and must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

Required Courses for a Minor in Political Science

Students minoring in Political Science must complete the following required courses with a grade of "C" or better:

Course	*Description*	*Credits*
POSC 101	Intro. to Political Science	3
POSC 201	Amer. Natl. Government	3
POSC 307	Scope and Methods of Political Science	3
POSC XXX	Political Science Elective*	3
POSC XXX	Political Science Elective*	3
POSC XXX	Political Science Elective*	3
TOTAL:		**18**

Required Courses for a Minor in Pre-Law

Students minoring in Pre-Law must complete the following required courses with a grade of "C" or better:

Course	*Description*	*Credits*
SOCI 315	Sociology of Law and Law Enforcement	3
HIST 337	Amer. Constitutional Hist.	3
POSC 415	Amer. Constitutional Law	3
PHIL 333	Philosophy of Law	3
POSC 455	Seminar-Legal Research and Writing	3
ELECTIVE	(Choose one of the following courses)	3
BUAD 381	Legal Environment I	3

BUAD 382	Business Law	3
POSC 304	The Supreme Court and Civil Rights	3
POSC 416	Race and Public Law	3
POSC 390	Colloquium: Study and Practice of Law	3
POSC 498	Senior Internship	3
PSYC 210	Abnormal Psychology	3
SPCH 201	Argumentation and Advocacy	3
TOTAL:		**18**

PUBLIC INTERNSHIP PROGRAM

The Department of Political Science and Public Policy offers public service internships to all interested sophomore, junior and senior political science majors. These internships permit students to work with judges of the Supreme Bench and District Court; legislators of the General Assembly; Baltimore City Council; Juvenile Services Department; other state, local and federal agencies; and nonprofit organizations. Students may receive a stipend, as well as earn five credits, while working a minimum of 15 hours per week at their placement.

SPECIAL PROGRAMS
In addition to the undergraduate degree programs outlined below, the Department sponsors a number of special events during the academic year; these include the International Career Day and speakers on special topics.

POLITICAL SCIENCE HONORS COURSE OFFERINGS

POSC 388 GREAT BOOKS—DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Departmental Honors Program. (FALL).

POSC 399 GREAT BOOKS — DIRECTED READ- ING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisites:** admission to the Departmental Honors Program and completion of Directed Reading I. (SPRING).

POSC 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the Departmental faculty. This half of the two-course sequence should be pursued during the Fall semester. **Prerequisites:** admission to the Departmental Honors Program and completion of Directed Reading I and II. (FALL).

POSC 489 SENIOR HONORS THESIS II—*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the Spring semester. The student should complete the honor thesis by the end of March and should defend it before the Departmental faculty in April. **Prerequisites:** admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (SPRING).

POLITICAL SCIENCE COURSE OFFERINGS
POSC 101 INTRODUCTION TO POLITICAL SCIENCE—*Three hours; 3 credits.* This course is a general introduction to concepts, subject matter and general problems of modern governments. It provides an examination of the various approaches to the study of political science. This is a course for Political Science Majors but may be taken by non-majors. (FALL/SPRING).

POSC 201 AMERICAN NATIONAL GOVERNMENT—*Three hours; 3 credits.* This course is a survey of the national government, its organization and functions. (FALL/SPRING).

POSC 202 PROBLEMS OF FEDERAL GOVERNMENT—*Three hours; 3 credits.* This course is an analysis of the constitutional and organizational problem of federal government of the United States, with emphasis on federalism, the constitutional convention, parties, the presidency, etc. (SPRING – ODD YEAR).

POSC 203 FUNDAMENTALS OF POLITICAL MANAGEMENT—*Three hours; 3 credits.* This course is designed to give students a common knowledge and common language of the work of political managers. This course will introduce students

to: how Washington works; how power centers influence the rules of the game; the industries of lobbying, campaigns, issues management, ethical issues and politics; and the importance of ideas, ideology, research and access. (FALL – ODD YEAR).

POSC 206 BLACK POLITICS IN AMERICA — *Three hours; 3 credits.* This course is a study of the American political system from the point of view of Black Americans and their interests. (SPRING).

POSC 220 THE POLITICS OF RACE IN AMERICA AND SOUTH AFRICA—*Three hours; 3 credits.* This course is a comparative study examining the relationship between race, class and ethnicity in the United States and South Africa. It highlights the issues and institutions that shape race relations and class formation in both societies. In addition, it utilizes a selected number of films and group projects to enhance understanding of race issues in these two countries. (OFFERED AS NEEDED).

POSC 301 POLITICAL PARTIES—*Three hours; 3 credits.* This course examines the modern political parties as agencies of popular government and social institutions for crystallizing public opinion and translating it into public action. Attention is given to party organization, policies, nominating methods, ballot forms, party machines and party practices. (SPRING – ODD YEAR).

POSC 302 POLITICAL BEHAVIOR—*Three hours; 3 credits.* This course provides concrete and in-depth analyses of political personalities and issues. The consent of the instructor is a prerequisite for enrollment. (SPRING – ODD YEAR).

POSC 303 CHANGING THE RULES OF THE POLITICAL GAME: POWER, WEALTH AND SOCIETAL RESPONSE—*Three hours; 3 credits.* This course is designed to engage students in an in-depth study and discussion of current political events and issues that focus on the uneven distribution of benefits and costs in society. Students are required to utilize reading materials, film re- views, and field trips as the basis for class discussion and for writing a series of critiques. (OFFERED AS NEEDED).

POSC 304 THE SUPREME COURT AND CIVIL RIGHTS—*Three hours; 3 credits.* This course is a study of the role of the Supreme Court in the attainment of civil rights. (FALL).

POSC 305 THE POLITICS OF STATE AND LOCAL GOVERNMENTS—*Three hours; 3 credits.* This course is a study of the governmental institutions, politics and the intergovernmental relationship of state, city, county, special districts, and other general governmental entities. This course will also focus on the politics and policies of urban metropolitan governments and their relationship to the state and federal government. (SPRING).

POSC 307 SCOPE AND METHODS OF POLITICAL SCIENCE—*Three hours; 3 credits.* This course is designed to acquaint the student with various research methodologies and approaches utilized in political science research. (FALL).

POSC 312 METROPOLITAN AREA INTER-GOVERNMENT RELATIONS—*Three hours; 3 credits.* This course is an examination of how close-lying governmental units in metropolitan areas solve their mutual problems both without and with changes in political structure and an evaluation of present intergovernmental relations—all levels— and the demand of the future. (OFFERED AS NEEDED).

POSC 313 POLITICAL DEVELOPMENT IN URBAN COMMUNITIES—*Three hours; 3 credits.* This course is a study of the evolution of urban communities and the ways in which politics have been affected. (SPRING – ODD YEAR).

POSC 314 COMPARATIVE GOVERNMENT— *Three hours; 3 credits.* This course is a comparative study of the structures, institutions and functioning of national political systems. (FALL/SPRING).

POSC 315 COMPARATIVE POLITICAL IDEOLOGIES—*Three hours; 3 credits*. This course is designed to provide a theoretical analysis of political ideologies as they shape institutions, societies, and socio-political and economic development. (FALL).

POSC 316 POLITICS OF DEVELOPING NATIONS—*Three hours; 3 credits.* This course is a comparative analysis of historical development, ideologies, institutions, persons and problems in developing countries (Asia, Africa, Latin America and the Middle East). (SPRING).

POSC 317 PUBLIC POLICY AND LEGISLATIVE PROCESS—*Three hours; 3 credits.* The focus of this course is an analysis of policy making in legislative bodies. Factors which influence policy making, the effects, implications and impacts of

policies will be explored. Conceptual scheme, strategies of policy formulation, de- liberation and implementation will be analyzed. (FALL).

POSC 318 RACE, CLASS, GENDER AND CRIMINAL JUSTICE *Three hours; 3 credits.* This course examines the perennial questions of equality in the American criminal justice system. Some of the issues explored include: criminal law and procedures, constitutional rights of criminal defendants, punishment philosophies, jury selection and special issues affecting race, class and gender in the administration of law. (SPRING).

POSC 319 IMMIGRATION AND REFUGEE LAW- *Three hours; 3 credits.* This course examines the international and domestic aspects of refugee and asylum l a w . It places particular emphasis on United States immigration laws and policies and the various United Nations conventions pertaining to refugees and asylum seekers. (OFFERED AS NEEDED).

POSC 320 THE PRESIDENCY *Three hours; 3 credits.* This course examines the modern American presidency, including the duties, powers, limitations, and policy-making role. It also examines the various responsibilities and relation- ships that the president has with the different political actors. (FALL).

POSC 321 GOVERNMENT AND POLITICS IN ASIA—*Three hours; 3 credits.* This course will provide an examination of the political, social and economic forces that have shaped the face of Asia since the end of World War II. Special emphasis will be placed on the two most important Asian nations—China and Japan. (SPRING).

POSC 331 AMERICAN FOREIGN POLICY— *Three hours; 3 credits.* This course examines American foreign policy and diplomatic relations from 1787 to the present. The course further looks at the domestic and constitution- al basis of American foreign relations and the role of the three branches of the Federal Government and that of the states in the foreign policy making process of the nation. Key foreign policy issues such as the war on terror, treaty making, trade relations, relations with the United Nations and U.S. global leadership role will be examined. (FALL – EVEN YEAR).

POSC 342 CURRENT INTERNATIONAL PROBLEMS— *Three hours; 3 credits.* This course surveys the range of international problems confronting the global community. The course looks at the root causes of current international problems and is an introduction to international relations through world problems of current interest. (FALL).

POSC 346 POLITICAL ECONOMY ISSUES IN AFRICA—*Three hours; 3 credits.* This course examines the political and economic changes and transformation in the post-cold war era. It analyzes the impacts of globalization on African countries and their policy responses. It discusses and analyzes the complex problems and solutions of human development within the changing international political system, the progress that is being made to fight poverty, disease, environmental degradation, human rights abuses and relevant issues of development and underdevelopment. (FALL – ODD YEAR).

POSC 350 GOVERNMENT AND POLITICS IN MOD- ERN CHINA—*Three hours; 3 credits.* This course focuses on the government and politics of modern China. In order to enhance the students' understanding of China's present- day political system, the course traces China's government and politics from the late sixteenth century to the present. It gives major attention to the impact of Confucianism and Taoism on the imposition of the Chinese Communist regime and examines contemporary relations between the state and society, as well as China's changing regional and global roles. (SPRING – ODD YEAR).

POSC 352 GOVERNMENT AND POLITICS IN JAPAN—*Three hours; 3 credits.* This course will introduce students to the political, social, economic and cultural systems of Japan. Although the course will focus primarily on the period from the Meiji Restoration to the present time, it will also incorporate some of the more important periods in Japan's history, such as the Tokugawa (Shogun) Era. The course will closely examine Japan's relations with the neighboring Asian states. It will pay special attention to Japan-U.S. relations, which have become one of the more critical foreign policy issues of both countries and which will help shape the future of the Pacific Rim in the 21st century. (SPRING – EVEN YEAR).

POSC 354 GOVERNMENT AND POLITICS IN KOREA—*Three hours; 3 credits.* This course examines the political, social and economic development of Korea from the 19th century to the modern nation-state. Korea's relationships with China and Japan will be of special importance because of Korea's traditional role as the historical and cultural

bridge between these two nations. Part of the course will compare the political, economic and social developments that have occurred in North and South Korea since the Korean conflict. The course will examine the issue of reunification. (SPRING – ODD YEAR).

POSC 360 GOVERNMENT AND POLITICS OF THE EUROPEAN UNION - *Three hours lecture; 3 credits.* This course shall introduce students to the processes of the European Union, its historical developments and its transformation into a complex, supra-national entity with characteristics of both a state and a federation. Students will compare the European Union's systems and structures with those of the US federal system. (OFFERED AS NEEDED).

POSC 380 THE MIDDLE EAST IN TRANSITION— *Three hours; 3 credits.* This course provides an overview of political developments and change in Middle East politics. The course looks at the root causes of conflicts in the region and internal political transformation in the various countries. (FALL – ODD YEAR).

POSC 383 CONTEMPORARY AFRICA—*Three hours; 3 credits.* This course surveys political developments in Africa from colonialism to the present. The course also looks at economic and political changes in Africa, and seeks answers to Africa's underdevelopment, corruption, political decay and one party rule. (SPRING – ODD YEAR).

POSC 385 INTERNATIONAL RELATIONS— *Three hours; 3 credits.* This course is an introduction to the basic theories and concepts of international relations. The course surveys various aspects of international relations, including the role of international organizations, war and peace, international law, international economic relations and globalization. [Formerly "Introduction to International Relations"] (FALL/SPRING).

POSC 390 COLLOQUIUM—*Three hours; 3 credits.* This course will focus on specific topics in political science. Current topics in national, regional, and international politics will be emphasized. Such topics might include: Latin American Government and Politics; Government and Politics of the CIA and Former Soviet Republics; Government and Politics of Japan and China; and Politics and the Media. (FALL – EVEN YEAR).

POSC 391 PUBLIC SERVICE INTERNSHIP PRO- GRAM —*Fifteen hours; 5 credits.* The objective of the program is to provide the students with intern assignments in the state legislature and other governmental institutions and agencies to enable them to learn, first hand, government operations or a small area of govern- mental operations so that they might be better students, potential teachers of the political process or future participants in government service. (FALL/SPRING).

POSC 401 PUBLIC ADMINISTRATION—*Three hours;*
3 credits. This course is a descriptive survey of public administration on the national, state and local levels, with emphasis on principles of organization, management and practices and including personnel administration. (FALL).

POSC 402 POLITICAL THEORY—*Three hours; 3 credits.* This course is a study of western political thought from Socrates to the present. Emphasis will be on selected political thinkers and political theories. These theories and thinkers will be studied within their historical context and will consider their impact on later theories and political thinkers. Attention will also be given to the relationship between ethics and politics and political philosophy and politics. (SPRING).

POSC 403 BLACK POLITICAL THOUGHT
Three hours; 3 credits. This course defines the concepts of political ideology and examines the characteristics and functions of various black political ideologies, including Black Power, Pan-Africanism and Black Nationalism. The course not only describes the variant black political ideologies, but also critically analyzes their appropriate- ness and efficacy in altering the overall conditions and status of African Americans. (OFFERED AS NEEDED)

POSC 405 INTERNATIONAL LAW—*Three hours; 3 credits.* This course is a comprehensive study of the nature, structure, specific character and functions of international law and international developments. The course looks at the growth of international law from 1648 to the present to include state and non-state actors and individuals, and the horizontal and vertical expansion of the international legal order to cover both national and international issues. (SPRING).

POSC 410 SEMINAR IN EAST ASIAN STUDIES— *Three hours; 3 credits.* This course will give students the opportunity to make a comprehensive analysis of the three nations that make

up East Asia, namely China, Japan and Korea. Students will be expected to conduct independent research on these states and to report their findings both in writing and orally in class. The course will analyze issues of major significance, such as their relationships with their Asian neighbors and their changing relationships with the United States. Students will be asked to examine the role that China, Japan and Korea will play in the development and security of the Pacific Rim in the 21st century. (OFFERED AS NEEDED).

POSC 412 GLOBAL JUSTICE— *Three hours lecture; 3 credits.* This course will introduce students to both the ethical context of global justice and issues of the implementation raised by the concept of fairness at the international level. Students will examine individual protection, moral responsibility, and citizenship. (OFFERED AS NEEDED).

POSC 415 AMERICAN CONSTITUTIONAL LAW—*Three hours; 3 credits.* The process of judicial review in the Supreme Court of the United States is studied, followed by an introduction to the principles of law as evidenced in the decisions of the Supreme Court. (SPRING).

POSC 416 RACE AND PUBLIC LAW—*Three hours; 3 credits.* This course focuses on a political and legal examination of the constitutionally protected rights of African-Americans and other racial minorities and the constitutional power of the federal courts, Congress and the Executive to define, protect and extend these rights. (SPRING-EVEN YEAR).

POSC 420 POLITICS OF HEALTH, EDUCATION AND WELFARE—*Three hours; 3 credits.* This course is a study and analysis of health care, education, and welfare policies in America. Particular emphasis will be given to the problems, politics and policies of national and state health, .

educational and welfare systems. (SPRING – ODD YEAR).

POSC 450 SENIOR SEMINAR IN POLITICAL SCIENCE—*Three hours; 3 credits.* This is a capstone course which focuses on theory and research in the discipline. It will focus on analytical and research methods. The course requires the writing of a Senior Thesis on a selected topic. (FALL/SPRING)

POSC 463 INTERNATIONAL POLITICAL ECONOMY—*Three hours; 3 credits.* The course seeks to provide students with a theoretical and practical understanding of the concepts which undergird international economic relations. It explores the dialectical relationship between politics and economics by demonstrating how they affect each other. Additionally, the course examines the politics and diplomacy of economic relationships between and among nations in the global system. (SPRING).

POSC 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (SPRING).

POSC 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/ tutorial experience under the supervision and mentor- ship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED)

MORGAN STATE UNIVERSITY
Department of Political Science and Public Policy
Bachelor of Arts in Political Science-Political Science Track
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 Freshman Orientation	1
ENGL 101 – EC – Freshman Comp. I.*	3
XXXX – SB – General Education Req.*	3
POSC 101 INTRO TO POSC	3
XXX FOREIGN LANGUAGE****	3
XXXX – HH – General Education Req.*	3
	16

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
XXX FOREIGN LANGUAGE****	3
POSC 201 AMERICAN GOVT.	3
XXXX – AH – General Education Req.*	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX – BP – General Education Req.*	4
XXXX – AH – General Education Req.*	3
PHEC XXX Physical Education	1
XXXX – MQ – General Education Req.*	4
HIST 105 U.S. HISTORY I	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX – AH – General Education Req.*	3
HIST 105 U.S. HISTORY I	3
XXXX – BP – General Education Req.*	3
XXXX – SB – General Education Req.*	3
XXX Free Elective	3
	15

JUNIOR YEAR (FIRST SEMESTER)

POSC 314 COMP. GOVERNMENT	3
POSC 307 SCOPE & METHODS	3
ECON 211 PRINC. ECONOMICS I (SB)*	3
XXXX – CT – General Education Req.*	3
POSC XXX COMP. GOVT. ELECTIVE**	3
	15

JUNIOR YEAR (SECOND SEMESTER)

POSC XXX INTL. REL. ELECTIVE**	3
POSC 385 INTERNATIONAL RELAT.	3
XXXX – CI – General Education Req.*	3
ECON 212 PRINC. ECONOMICS II (SB)*	3
XXX LIBERAL ARTS CORE	3
	15

SENIOR YEAR (FIRST SEMESTER)

POSC 450 SENIOR SEMINAR	3
POSC XXX ELECTIVE***	3
POSC 402 POLITICAL THEORY	3
XXXX – IM – General Education Req.*	3
XXX LIBERAL ARTS CORE	3
	15

SENIOR YEAR (SECOND SEMESTER)

POSC XXX AMER. GOV./POL.	3
POSC XXX ELECTIVE***	3
XXX Free Elective	3
XXX Free Elective	3
XXX Free Elective	2
	14

TOTAL CREDIT HOURS 120

***See General Education requirements for eligible courses. **See Major requirements for eligible courses. ***Any POSC course at the 300 or 400 level not used to satisfy any other requirement. ****Two sequential courses in the same language.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMI- NATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMIN- ISTER THE EXAMS FOR MORE INFORMATION.

PLEASE NOTE ALSO: POSC 101 AND POSC 201 ARE PREREQUISITES FOR ENROLLMENT IN ALL 300-AND 400-LEVEL COURSES IN POLITICAL SCIENCE

MORGAN STATE UNIVERSITY
Department of Political Science and Public Policy
Bachelor of Arts in Political Science—Pre-Law Track
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORLA101 Freshman Orientation	1
ENGL 101 – EC – Freshman Comp. I.*	3
XXXX – SB – General Education Req.*	3
POSC 101 INTRO TO POSC	3
LATN 101 ELEMENTARY LATIN I	3
XXXX – HH – General Education Req.*	3
	16

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Comp. II.*	3
XXXX – SB – General Education Req.*	3
LATN 102 ELEMENTARY LATIN II	3
POSC 201 AMERICAN GOVT.	3
XXXX – AH – General Education Req.*	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX – BP – General Education Req.*	4
XXXX – AH – General Education Req.*	3
PHEC XXX Physical Education	1
XXXX – MQ – General Education Req.*	4
ENGL 250 VOCABULARY DEVEL.	3
	15

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX – AH – General Education Req.*	3
HIST 336 HIST. AMERICAN LAW	3
XXXX – BP – General Education Req.*	3
XXXX – SB – General Education Req.*	3
XXX Free Elective	2
	14

JUNIOR YEAR (FIRST SEMESTER)

SPCH 201 ARGUMENT. & ADVOCACY	3
POSC 307 SCOPE & METHODS	3
POSC 318 RACE, CLASS, GENDER, ETC.	3
XXXX – CT – General Education Req.*	3
HIST 337 AMER. CONST. HIST.	3
	15

JUNIOR YEAR (SECOND SEMESTER)

ENGL 353 ADVANCED GRAMMAR	3
POSC 385 INTERNATIONAL RELAT.	3
XXXX – CI – General Education Req*	3
POSC 391 PUBLIC INTERNSHIP	3
PHIL 302 CRITICAL THINKING	3
	15

SENIOR YEAR (FIRST SEMESTER)

POSC 450 SENIOR SEMINAR	3
PHIL 343 PHILOSOPHY OF LAW	3
SOCI 309 CRIMINOLOGY	3
XXXX – IM – General Education Req.*	3
POSC 390 SEM. PRACTICE OF LAW	3
	15

SENIOR YEAR (SECOND SEMESTER)

POSC 415 AMER. CONST. LAW	3
POSC 402 POLITICAL THEORY	3
XXX Free Elective	3
XXX Free Elective	3
XXX Free Elective	3
	15

TOTAL CREDIT HOURS 120

***See General Education requirements for eligible courses. **See Major requirements for eligible courses. ***Any POSC course at the 300 or 400 level not used to satisfy any other requirement. ****Two sequential courses in the same language.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMI- NATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMIN- ISTER THE EXAMS FOR MORE INFORMATION.

PLEASE NOTE ALSO: POSC 101 AND POSC 201 ARE PREREQUISITES FOR ENROLLMENT IN ALL 300-AND 400-LEVEL COURSES IN POLITICAL SCIENCE

PSYCHOLOGY

Interim Chairperson of Department: ASSOCIATE PROFESSOR JOCELYN O. TURNER-MUSA; Associate Professors: TERRA BOWEN-REID, R. TRENT HAINES, AMBER B. HODGES, CARROL S. PERRINO, ROBERT J. SMITH Assistant Professors: CHARLENE E. CHESTER, KIMBERLY WARREN, ANITA M. WELLS; Lecturer: NATASHA OTTO.

THE MAJOR IN PSYCHOLOGY

MISSION: The Department of Psychology is committed to *educating the next generation of scholars in the psychological and behavioral sciences.* We are dedicated to creating and fostering a diverse educational environment with a scientific and culturally sensitive approach to understanding human behavior and mental processes. The Department meets students' academic needs by 1) providing a comprehensive and challenging curriculum that increases students' knowledge and understanding of the field of psychology and of psychology as a science, through a curriculum that is evidence-based and empirical in approach; 2) offering hands-on opportunities, research and academic internships, service learning, and community services activities, to apply theoretical background obtained from courses in practical experiences; and 3) providing academic and career development opportunities that facilitate successful acceptance to and matriculation in graduate school or gainful employment into the workforce. Faculty, who have diverse backgrounds in social, clinical/ community, counseling, neuroscience, health, experimental, developmental, educational, and personality psychology, endeavor to strengthen their individual teaching expertise through developing innovative and leading edge curriculum and foster their individual research enterprises through publications, research collaborations, intra- and extramural funds, and professional activities.

The Department offers a Bachelor of Science (B.S.) Degree in Psychology.

College-wide Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core (LAC) required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined under the LAC section on the College of Liberal Arts. To qualify for graduation, students must pass the Senior Departmental Comprehensive Examination with a score of 70 or higher; must have taken two-thirds of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Department Requirements: As stated above, in the college-wide requirements, one requirement for graduation is passing the senior departmental comprehensive examination. You must meet two requirements in order to be eligible to take the examination. First, you must be classified as a senior, with 90 or more completed credit hours. Second, you must have successfully completed all of the core departmental course requirements, which include PSYC 101, PSYC 102, PSYC 108, PSYC 210, PSYC 213, PSYC 219, PSYC 231, PSYC 300, PSYC 301, PSYC 316, PSYC 317, PSYC320, and PSYC 322. You need not have completed PSYC 480 Psychology Internship I, PSYC 481 Psychology Internship II PSYC487 Senior Thesis I, or PSYC 497 Senior Thesis II.

Required Courses for the Major in Psychology

Students majoring in Psychology must complete the following required courses, with a grade of "C" or better.

Course	*Description*	*Credits (65 credits)*
PSYC 101	General Psychology	3
PSYC 102	Developmental Psychology	3
PSYC 108	Scientific Methods in Psychology	3
PSYC 112	Careers in Psychology	1
PSYC 210	Abnormal Psychology	3
PSYC 213	Theories of Personality	3
PSYC 219	History and Systems of Psychology	3
PSYC 231	Social Psychology	3
PSYC 300	Psychology of Learning	3
PSYC 301	Physiological Psychology	3
PSYC 316	Psychological Statistics I	3
PSYC 317	Psychological Statistics II	3
PSYC 320	Experimental Psychology I	3
PSYC 322	Psychology of Perception	3
PSYC 480	Psychology Internship I	3
OR	OR	
PSYC 487	Senior Thesis I	
PSYC 481	Psychology Internship II	3
OR	OR	
PSYC 497	Senior Thesis II	
PSYC XXX	Psychology Elective	3
PSYC XXX	Psychology Elective	3
PSYC XXX	Psychology Elective	3
COSC 110*	Computer Literacy	3
OR	OR Introduction to	
INSS 141	Computer Based Systems	
MATH 113*	Intro to Math Analysis	4
ENGL 355	Technical Writing	3
OR	OR	
ENGL 357	Business Writing	
TOTAL		**65**

*Also fulfills General Education requirements.

THE MINOR IN PSYCHOLOGY

In order to complete a minor in Psychology, students must successfully complete the following program with a grade of "C" or better in each of the prescribed courses.

PSYC 101 General Psychology

3 of the following from the *required* Departmental courses*:

PSYC 102	Developmental Psychology
PSYC 108	Scientific Method in Psych
PSYC 213	Theories of Personality
PSYC 219	History and Systems of Psychology
PSYC 231	Social Psychology
PSYC 300	Psych. of Learning
PSYC 316	Psych. Statistics I
PSYC 317	Psych. Statistics II
PSYC 320	Experimental Design
PSYC 322	Psych. of Perception

***Note: Student must adhere to all prerequisites.**

2 of the following from other Departmental courses:**

PSYC 205	Psychology of Adjustment
PSYC 209	Applied Psych.
PSYC 210	Abnormal Psych.
PSYC 268	Psych. of Aging
PSYC 306	Psychology of Exceptional Children
PSYC 310	Health Psychology
PSYC 312	Intro. to Behavioral Pharmacology
PSYC 315	Psychological Testing
PSYC 319	Psychological Counseling
PSYC 368	Death and Dying
PSYC 405	Black Psychology

****Note: Student must adhere to all prerequisites.**

CHOOSE ONE OF THE FOLLOWING TRACKS:
In addition to completing the core department requirements, in consultation with their adviser, students must select one of two tracks: **Research Track or Generalist Track.**

1) RESEARCH TRACK: This track emphasizes psychology as a science and is for the student who is interested in pursuing graduate school and/or a career that requires practical research knowledge and skills. Students who choose this track **MUST** take Psyc 487 Senior Thesis I and Psyc 497 Senior Thesis II and select 3 of the following electives:

Behavioral Science/Neuroscience Electives

Psyc 103	Prevention Science I	3
Psyc 302	Minority Mental Health	3
Psyc 301	Physiological Psychology*	3
Psyc 310	Health Psychology*	3
Psyc 312	Behavioral Pharmocology I	3
Psyc 315	Psychological Testing	3
Psyc 318	Clinical Psychology	3
Psyc 405	Black Psychology	3
Psyc 498	TA/Research/Tutor	3
Psyc 499	TA/Research/Tutor	3

2) GENERALIST TRACK: This track emphasizes the practical applications of psychology and preparation for entry into the workforce upon graduation. Students pursuing this option **MUST** take PSYC 480 Psychology Internship I and PSYC 481 Psychology Internship II and select 3 of the following electives:

Human Services Electives

Psyc 209	Applied Psychology	3
Psyc 268	Psychology of Aging	3
Psyc 302	Minority Mental Health	3
Psyc 306	Psyc of Exceptional Child	3
Psyc 318	Clinical Psychology	3
Psyc 319	Psychological Counseling	3
Psyc 368	Death & Dying	3
Psyc 412	Interviewing	3
Psyc 498	TA/Research/Tutor	3
Psyc 499	TA/Research/Tutor	3
TOTAL		**65**

PSYCHOLOGY HONORS COURSE OFFERINGS

PSYC 111 HONORS GENERAL PSYCHOLOGY *Three hour; 3 credits.* The Honors General Psychology course will provide a broad overview of the field of psychology. However, students are expected to develop more depth than those in the regular psychology course. Numerous areas of psychology included in the course are the following: psychological research methods, the nervous system, learning, memory models, and development, theories of personality, and psychological disorders and therapies. In addition to the lecture and other teaching techniques, the course will incorporate a virtual "lab" component. That is, the course will provide activities that will solidify and validate the empirical and evidence-based approach of the departmental curriculum and confirm the movement of the discipline as *a science.*

PSYC 204 HONORS SEMINAR AND COLLOQUIUM I–*One hour; 1 credit.* The weekly Honors Seminar consists of two major components: the Colloquium Lecture Series and Supportive Activities. During the Colloquium Lecture Series, distinguished research scholars explore different research in psychology and related fields. Specifically, students are given the opportunity to glean additional knowledge and insight from the expertise of these scholars in the field. Students are also engaged in hands-on supportive activities that consist of graduate school preparation, autobiographical sketches, personal statements, internship advisement, publication/grant writing, and web page design. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 206 HONORS SEMINAR COLLOQUIUM II–*One hour; 1 credit.* The weekly Honors Seminar is designed to facilitate professional development in students pursuing a mental health-related career. Over the course, students are engaged in a series of

stimulating dialogues with scholars in the field. Guest speakers are invited to share their knowledge on various problem areas in mental health research, which explores theoretical, methodological and practical implications. Students also focus on presenting their research projects at major conferences. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (SPRING)

PSYC 308 HONORS SEMINAR AND COLLOQUIUM III–*One hour; 1 credit.* The weekly Honors Seminar consists of two major components: the Colloquium Lecture Series and Supportive Activities. During the Colloquium Lecture Series, distinguished research scholars explore different mental health related research issues. Specifically, students are given the opportunity to glean additional knowledge and insight from the expertise of these scholars in the field. Students are also engaged in hands-on supportive activities that consist of graduate school preparation, autobiographical sketches, personal statements, internship advisement, publication/grant writing, and web page design. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 387 DIRECTED READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite**: admission to the Departmental Honors Program. (Formerly Great Books-Directed Reading I) **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 388 DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi-independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I. (Formerly Great Books-Directed Reading II) (SPRING)

PSYC 408 HONORS SEMINAR AND COLLOQUIUM IV–*One hour; 1 credit.* The weekly Honors Seminar is designed to facilitate professional development in students pursuing a mental health related career. Over the course, students are engaged in a series of stimulating dialogues with scholars in the field. Guest speakers are invited to share their knowledge on various problem areas in mental health research, which explores theoretical, methodological and practical implications. Students also focus on presenting their research projects at major conferences. (SPRING)

PSYC 488 SENIOR HONORS THESIS I—*Three hours; 3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis before the departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisite**: Admission to the Departmental Honors Program and completion of Directed Reading I and II. (FALL)

PSYC 489 SENIOR HONORS THESIS II--*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honor thesis by the end of March and should defend it before the departmental faculty in April. **Prerequisite**: admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (SPRING)

PSYCHOLOGY COURSE OFFERINGS

PSYC 101 GENERAL PSYCHOLOGY—*Three hours;3 credits.* This course covers several areas of psychology including learning, motivation, emotion, developmental changes, personality, abnormal behavior, psychotherapy, and social behavior with special attention to the physiological and neurological bases of human behavior. (FALL/SPRING)

PSYC 102 DEVELOPMENTAL PSYCHOLOGY - *Three hours; 3 credits.* This course introduces the student to the major topics associated with the growth, development and maturation of the individual across the lifespan. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 103 PREVENTION SCIENCE THEORY AND PRACTICE SEMINAR I– *Two hours, 2 credits.* This course introduces the student to the role of prevention as a science. Critical concepts in prevention are obtained from a range of disciplines including public health and applied social sciences. The course will provide students with a general overview of core theoretical, empirical, and practical applications of prevention as it applies to mental and public health. **Prerequisite**: Approval of the course Instructor or Departmental Chairperson required.. (OFFERED AS NEEDED)

PSYC 108 SCIENTIFIC METHOD IN PSYCHOLOGY—*Three hours lecture, one hour lab; 3 credits.* This course is designed to provide a basis for understanding the significance and nature of experimentation and to introduce the principles underlying experimental design. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 112 CAREERS IN PSYCHOLOGY— *Two hours lecture; 1 credit.* This course will provide students with an overview of the discipline of

psychology, including expectations for the psychology major, career options for students completing a bachelor's degree in psychology, career options for students who pursue a graduate degree in psychology, and academic preparation for a career in psychology. It will also emphasize the development of skills required for library research, writing in the style of the American Psychological Association, and understanding ethical and professional issues in the discipline of Psychology. **Prerequisite**: PSYC 101 or PSYC 111 with grade of "C" or higher. (FALL)

PSYC 203 PREVENTION SCIENCE THEORY AND PRACTICE SEMINAR II–*Two hours, 2 credits.* This course will review major research designs utilized in prevention research. This includes a detailed review of quantitative, qualitative designs, and program evaluation. Issues on ethics in prevention science research is also addressed. **Prerequisite**: Completion of PSYC 101 or PSYC 111, and PSYC 103 with grades of "C" or higher. Approval of the course Instructor or Departmental Chairperson required. (OFFERED AS NEEDED)

PSYC 205 PSYCHOLOGY OF ADJUSTMENT—*Three hours; 3 credits.* This course investigates the nature of adjustment and maladjustment with emphasis on methods and techniques by which the individual's mental health might be preserved. Preventive rather than curative measures will be stressed. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 209 APPLIED PSYCHOLOGY—*Three hours; 3 credits.* This course covers the application of psychological principles to personnel administration and selection, morale and incentives, reflective thinking, military life, housing and vocational choice and adjustment. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 210 ABNORMAL PSYCHOLOGY—*Three hours; 3 credits.* The comparison of normal and abnormal behavior, the study of the methods by which abnormal behavior may be analyzed and a survey of classical examples displaying selected traits of poor or inadequate adjustment are the principal features of this course. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 213 THEORIES OF PERSONALITY—*Three hours; 3 credits.* This course involves consideration of the principles by which behavior and personality are studied and diagnosed by the psychologist as well as the major theories of personality. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 219 HISTORY AND SYSTEMS OF PSYCHOLOGY—*Three hours; 3 credits.* This course provides an overview of the history and philosophy of psychology, beginning with the pre-Socratic Greeks and proceeding to recent theoretical and empirical approaches. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 231 SOCIAL PSYCHOLOGY—*Three hours; 3 credits.* This course examines how people influence and are influenced by others. It will cover a variety of topics ranting from research methods to the different factors which affect our social perceptions, attitudes, and interpersonal relationships. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/SPRING)

PSYC 268 THE PSYCHOLOGY OF AGING—*Three hours; 3 credits.* This course examines the aging process from a psychological perspective by studying such topics as changes in learning, emotions, personality, physical health, social behavior and the impact of culture and attitude. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 300 PSYCHOLOGY OF LEARNING—*Three hours lecture, one hour lab; 3 credits.* The main concerns of this course are the examination of learned behavior as viewed through experimentation and the exploration of the several learning theories. Completion of BIOL 101 or BIOL 102 is recommended before taking this course. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (Formerly PSYC 200) (FALL).

PSYC 301 PHYSIOLOGICAL PSYCHOLOGY—*Three hours lecture, one hour lab; 3 credits.* This course covers basic neuroanatomy, followed by consideration of the physiological basis of motivation, emotion, learning and other behavioral phenomena. Completion of BIOL 101 or BIOL 102 is recommended before taking this course. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL/ SPRING)

PSYC 302 TOPICS IN MENTAL HEALTH RESEARCH–*Three hours; 3 credits.* This course is designed to introduce students to various mental health- related topics, issues and careers. Students will be given the opportunity to research issues surrounding mental health, including conceptualizations of and approaches to studying mental health. Students' research skills will be sharpened through conducting library searches, critiquing literature, writing literature reviews, and making mock research presentations to fellow students and research faculty, in preparation for conducting their own independent research projects. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 303 PREVENTION SCIENCE THEORY AND PRACTICE SEMINAR III– *Two hours; 2 credits*. This course focuses on designing prevention interventions. Emphasis is placed on the developmental timing of prevention interventions (e.g., life-course development), gender and cultural considerations, and community collaboration. **Prerequisite**: Completion of PSYC 103 and 203 with grades of "C" or higher. Approval of the course Instructor or Departmental Chairperson required

PSYC 304 RESEARCH METHODOLOGY FOR MENTAL HEALTH AND PSYCHOLOGY–*Two hours; 2 credits.* This course provides students with a well-grounded foundation in conducting mental health research. It is designed to present a balanced approach, covering various theoretical, psychological and methodological issues. Students will examine and consider ethical issues in scientific investigations, basic statistical analysis, literature reviews, laboratory experiments, scientific report writing and verbal presentation. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 306 PSYCHOLOGY OF EXCEPTIONAL CHILDREN—*Three hours; 3 credits.* Considered in this course is a wide range of psychological, educational, physical, physiological and sociological deficiencies, which help to describe and explain the concept of the exceptional child. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 307 COMPUTER USE IN SCIENTIFIC INVESTIGATION–*Three hours; 3 credits.* This course offers basic competencies and skills needed to organize and analyze behavioral research data. Students will be provided with hands-on experience in executing literature searches, navigating the worldwide web and manipulating data sets, using the spreadsheet program EXCEL and SPSS statistical data analysis software. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 309 TOPICS IN MINORITY MENTAL HEALTH RESEARCH AND INTERVENTION– *Three hours; 3 credits.* This course introduces students to a holistic approach to mental health, explores public policy implications and mental health research career opportunities, and fully explores minority issues in mental health conceptualization, prevention and treatment. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 310 HEALTH PSYCHOLOGY–*Three hours; 3 credits.* This course reviews psychological theories and research pertaining to health and illness. Emphasis is placed on the application of theories and conceptual approaches to addressing and preventing health problems and improving adjustment to chronic illness and disability. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (SPRING)

PSYC 311 PSYCHOLOGY OF INTERVIEWING —*Three hours; 3 credits.* This course is designed to introduce the student to the psychological dynamics of interviewing techniques. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 312 AN INTRODUCTION TO BEHAVIORAL PHARMACOLOGY–*Three hours lecture, one hour lab; 3 credits.* This course is designed to provide a foundation in the unique principles of behavioral pharmacology. In addition to an introduction to the principles of learning and of pharmacology, students will study the physiological basis of such phenomena as the drug euphoria, drug relapse, reinforcement properties of abused substances (street drugs), acute and chronic effects of drug use as well as drug dependence, tolerance and sensitization. Students will be challenged to discuss current research literature in this field. Completion of CHEM 101 is recommended before taking this course. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 315 PSYCHOLOGICAL TESTING— *Three hours; 3 credits.* This course involves the study of test materials and types, the nature and adequacy of standardization of selected tests and some experience in the administration and interpretation of test data. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (SPRING)

PSYC 316 PSYCHOLOGICAL STATISTICS I— *Two hours lecture, two hours lab; 3 credits.* This course includes laboratory activity and covers the statistical measures from graphic representation through normal probability hypothesis testing. **Prerequisite**: Completion of PSYC 101 or 111, PSYC 108 and MATH 113 with grades of "C" or higher. (FALL).

PSYC 317 PSYCHOLOGICAL STATISTICS II— *Two hours lecture, two hours lab; 3 credits.* This course assumes satisfactory achievement in PSYC 316 or its equivalent. It treats statistical analysis from the standpoint of the requirements of the nature of the research problems with a focus on inferential issues. Methods of multivariate analysis, multiple regression and nonparametric statistics are covered. **Prerequisite**: Completion of PSYC 101 or 111, PSYC 108, MATH 113 and PSYC 316 with grades of "C" or higher. (SPRING)

PSYC 318 INTRODUCTORY CLINICAL PSYCHOLOGY—*Three hours; 3 credits.* This course involves (1) studying the nature of the work of the clinical psychologist as distinguished from that of the psychiatrist and psychiatric social worker; and (2) laboratory experience in the typical methods and

techniques of the clinical psychologist when diagnosing and treating problem behavior in children, adolescents and adults. **Prerequisite**: Completion of PSYC 101 or PSYC 111, PSYC 210, and PSYC 213 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 319 PSYCHOLOGICAL COUNSELING— *Three hours; 3 credits.* The primary objective of this course is to acquaint the student with the major theories and techniques of psychological counseling. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 320 EXPERIMENTAL PSYCHOLOGY I *Two hours lecture, two hours lab; 3 credits.* This course is intended to provide several opportunities to study and apply the theory of psychological experimentation and laboratory instrumentation to an understanding of selected phenomena. **Prerequisites**: Completion of PSYC 101 or PSYC 111, PSYC 108, MATH 113 and PSYC 316 with grades of "C" or higher. (SPRING)

PSYC 321 EXPERIMENTAL PSYCHOLOGY II - PSYCHOPHYSICS—*Two hours lecture, two hours lab; 3 credits.* This course considers the logic of measurement and modern psychophysical scaling techniques and focuses on small, individual research problems in the laboratory setting. **Prerequisite**: Completion of PSYC 101 or PSYC 11, and PSYC 320 with grades of "C" or higher (OFFERED AS NEEDED)

PSYC 322 PSYCHOLOGY OF PERCEPTION— *Three hours lecture, one hour lab; 3 credits.* The nature of perception and perceptual process and their roles in both animal and human behavior are the principal concerns of this course. Completion of BIOL 101 or BIOL 102 is recommended before taking this course. (Formerly PSYC 202) **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (SPRING)

PSYC 325 COOPERATIVE EDUCATION I— *Three hours; 3 credits.* This course is to provide for credits earned under the Cooperative Education Program that have been approved by the University and for students who pursue research courses at other institutions as part of their experimental program. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 326 COOPERATIVE EDUCATION II—*Three hours; 3 credits.* This course is to provide for credits earned under the Cooperative Education Program that have been approved by the University and for students who pursue research courses at other institutions as part of their experimental program. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 368 DEATH AND DYING—*Three hours; 3 credits.* This course examines the area of death and dying as influenced by cultural, psychological and individual factors in society. Special emphasis will be placed on death attitudes and the relationship to various lifestyles. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher.

PSYC 398 CONFERENCE COURSE—*One to three hours; 1-3 credits.* This course is designed to permit the student a scheduled time for extensive reading in selected topics. Specific activities will involve (a) reading as directed, and (b) conferring with the instructor on the readings completed. Several book reviews and/ or abstracts of journal articles may be required. Each conference will constitute an examination of the conferee's experiences. Admission by permission of the Departmental Chairperson. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 402 SENIOR MENTAL HEALTH RESEARCH SEMINAR I–*Three hours; 3 credits.* This course provides students with an opportunity to design an original mental health-related re- search project and write the introduction, literature review, and method section of a research report. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 403 PREVENTION SCIENCE THEORY AND PRACTICE SEMINAR –*Two hours; 2 credits.* This course provides the student with an opportunity to complete a community based project utilizing prevention science theory and principles. **Prerequisites:** PSYC 103, 203 and 303 with grades of "C" or higher.Approval of the course Instructor or Departmental Chairperson required. (OFFERED AS NEEDED)

PSYC 404 SENIOR MENTAL HEALTH RESEARCH SEMINAR II–*Three hours; 3 credits.* This course completes the research project begun in Senior Research Seminar I. Students are to collect and analyze data and write the results and discussion sections of reports on their original research projects. Students will be required to write a thesis and a publication version of the investigation, and to submit the latter version to an undergraduate research publication. In addition, students must present the results of their investigation at a scientific conference. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (OFFERED AS NEEDED)

PSYC 405 BLACK PSYCHOLOGY—*Three hours; 3 credits.* This course is designed to examine provide students with an African-centered approach to understanding the psychological functioning of people of African descent. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 412 BEHAVIORAL PHARMACOLOGY II– *Three hours lecture, three hours lab; 4 credits.* This course is designed to integrate students' knowledge of research methods (PSYC 108), principles of learning (PSYC 300), and that attained in the introduction to behavioral pharmacology (PSYC 312) by conducting experiments in the Behavioral Pharmacology Laboratory. Students will learn to conduct experiments using an operant conditioning paradigm and an animal model to study the subjective effects of abused substances (street drugs). They will generate data to determine such measures as learning and dose-effects curves and time-effect analyses. **Prerequisites:** PSYC 108, 305, and 312 and MATH 111 or higher. (OFFERED AS NEEDED)

PSYC 480 PSYCHOLOGY INTERNSHIP/SERVICE LEARNING I—*Nine hours per week; 3 credits.* This course involves placement in a community service agency to familiarize the student with its current practices. Supervised client contact will be provided. Students must have completed 23 hours of psychology courses and must have a GPA of at least 2.8 in the major. Issues in clinical, applied, and community psychology will be explored under the super- vision of the internship coordinator. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (FALL)

PSYC 481 PSYCHOLOGY INTERNSHIP/SERVICE LEARNING II—*Nine hours per week; 3 credits.* This course involves placement in a community service agency to familiarize the student with its current practices. Supervised client contact will be provided. Students must have completed 23 hours of psychology courses and must have a GPA of at least 2.8 in the major. Issues in clinical, applied, and com- munity psychology will be explored under the super- vision of the internship coordinator. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (SPRING)

PSYC 487 SENIOR THESIS I - *Three hours; 3 credits.* This course integrates the research skills the student has acquired as a Psychology major. Students engage in individual research similar to that found in graduate thesis courses. Each student proposes an original research project. **Prerequisite**: a "C" or higher in PSYC 320. (FORMERLY PSYC 399; FALL)

PSYC 496 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. The Dean may approve exceptions. **Prerequisite**: Completion of PSYC 101 or PSYC 111 with grades of "C" or higher. (Formerly PSYC 498).

PSYC 497 SENIOR THESIS II—*Three hours; 3 credits.* This course completes the research experience begun in PSYC 399. The student collects data, analyzes results and writes a full research report. Student research papers are formally presented and defended at student re- search conferences. **Prerequisite**: PSYC101 or 111, and 487. (SPRING)

PSYC 498 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP I— *Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/ tutorial experience under the supervision and mentor-ship of a tenure-track faculty member. Enrollment for those interested in being teaching assistants is limited to seniors with minimum cumulative and major grade point averages of 3.0 and requires the approval of the Departmental Chairperson. Enrollment for those interested in being re- search assistants is limited to advanced juniors and seniors who are completing supervised funded research. Approval of the faculty mentor and the Departmental Chairperson is required. (Formerly PSYC 499 - Senior Research or Teaching/Tutorial Assistantship). (FALL)

PSYC 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP II— *Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/ tutorial experience under the supervision and mentorship of a tenure-track faculty member. Enrollment for those interested in being teaching assistants is limited to seniors with minimum cumulative and major grade point averages of 3.0 and requires the approval of the Departmental Chairperson. Enrollment for those interested in being research assistants is limited to advanced juniors and seniors who are completing supervised funded research. Approval of the faculty mentor and the Departmental Chairperson is required. (SPRING)

MORGAN STATE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
SUGGESTED RESEARCH TRACK CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
ORLA101	Freshman Orientation	1
PSYC101/111	General Psychology+	3
XXXX – HH – General Education Requirement		3
XXXX – SB – General Education Requirement		3
		13

SOPHOMORE YEAR (FIRST SEMESTER)

COSC 110 – IM –General Education Requirement		3
OR INSS 141		
PSYC 112	Careers in Psychology	1
PSYC 231	Theories of Personality	3
PSYC 231	Social Psychology	3
XXXX – BP – General Education Req.		4
XXXX – AH – General Education Requirement		3
		17

JUNIOR YEAR (FIRST SEMESTER)

PSYC 300	Psychology of Learning	3
PSYC 301	Physiological Psychology*	3
PSYC 316	Psychological Statistics I+	3
PSYC XXX	Psychology Elective	3
XXXX – CI – General Education Requirement		3
WRITING PROFICIENCY EXAM		
		15

SENIOR YEAR (FIRST SEMESTER)

PSYC 487*+	Senior Thesis I*+	3
PSYC XXX	Psychology Elective	3
XXX	Liberal Arts Core	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	3
SENIOR COMPREHENSIVE EXAM		
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
MATH113 – MQ – Introduction to Math Analysis+~		4
XXXX – SB – General Education Requirement		3
PSYC 108	Scientific Methods in Psychology+	3
PSYC 102	Developmental Psychology	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

PSYC 210	Abnormal Psychology	3
PSYC 219	History & Systems of Psychology	3
PHEC XXX	Physical Education Elective	1
XXXX – CT –	General Education Requirement	3
XXXX – BP – General Education Req.		3
XXXX – AH– General Education Requirement		3
SPEECH PROFICIENCY EXAM		
		16

JUNIOR YEAR (SECOND SEMESTER)

XXXX	Out of Unit Free Elective	3
PSYC 317	Psychological Statistics II	3
PSYC 320	Experimental Psychology I+	3
PSYC 322	Psychology of Perception	3
ENGL 355	Technical Writing	3
	OR	
ENGL 357	Business Writing	
		15

SENIOR YEAR (SECOND SEMESTER)

PSYC 497**+	Senior Thesis II**	3
PSYC XXX	Psychology Elective	3
XXXX	Liberal Arts Core	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	1
		13

TOTAL CREDIT HOURS 120

* Fall Semester Only **Spring Semester Only ~ Fulfills Psychology & General Education requirement + Key Prerequisite

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English and Language Arts); and 3) THE SENIOR COMPREHENSIVE EXAMINATION (administered by the major department). All examinations require pre-registration.

MORGAN STATE UNIVERSITY
DEPARTMENT OF PSYCHOLOGY
SUGGESTED GENERALIST TRACK CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
ORLA101	Freshman Orientation	1
PSYC101/111	General Psychology+	3
XXXX – HH – General Education Requirement		3
XXXX – SB – General Education Requirement		3
		13

SOPHOMORE YEAR (FIRST SEMESTER)

COSC 110 – IM –General Education Requirement		
OR		
INSS 141 – IM –General Education Requirement		3
PSYC 112	Careers in Psychology	1
PSYC 231	Theories of Personality	3
PSYC 231	Social Psychology	3
XXXX – BP – General Education Req.		4
XXXX – AH – General Education Requirement		3
		17

JUNIOR YEAR (FIRST SEMESTER)

PSYC 300	Psychology of Learning	3
PSYC 301 OR	Physiological Psychology*	3
PSYC 316	Psychological Statistics I+	3
PSYC XXX	Psychology Elective	3
XXXX – CI – General Education Requirement		3
WRITING PROFICIENCY EXAM		
		15

SENIOR YEAR (FIRST SEMESTER)

PSYC 480	Psychology Internship I*	3
PSYC XXX	Psychology Elective	3
XXX	Liberal Arts Core	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	3
SENIOR COMPREHENSIVE EXAM		
		15

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
MATH113 – MQ – Introduction to Math Analysis+~		4
XXXX – SB – General Education Requirement		3
PSYC 108	Scientific Methods in Psychology+	3
PSYC 102	Developmental Psychology	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

PSYC 210	Abnormal Psychology	3
PSYC 219	History & Systems of Psychology	3
PHEC XXX	Physical Education Elective	1
XXXX – CT – General Education Requirement		3
XXXX – BP – General Education Req.		3
XXXX – AH– General Education Requirement		3
SPEECH PROFICIENCY EXAM		
		16

JUNIOR YEAR (SECOND SEMESTER)

XXXX	Out of Unit Free Elective	3
PSYC 317	Psychological Statistics II	3
PSYC 320	Experimental Psychology I	3
PSYC 322	Psychology of Perception	3
ENGL 355	Technical Writing	
	OR	
ENGL 357	Business Writing	3
		15

SENIOR YEAR (SECOND SEMESTER)

PSYC 481	Psychology Internship II**	3
PSYC XXX	Psychology Elective	3
XXXX	Liberal Arts Core	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	1
		12

TOTAL CREDIT HOURS 120

* Fall Semester Only **Spring Semester Only ~Fullfills Psychology & General Education requirement + Key Prerequisite

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English and Language Arts); and 3) THE SENIOR COMPREHENSIVE EXAMINATION (administered by the major department). All examinations require pre-registration.

SOCIOLOGY AND ANTHROPOLOGY

Interim Chairperson: ASSOCIATE PROFESSOR STELLA HARGETT; Associate Professors: ANGELA HOWELL, NATASHA PRATT-HARRIS; Assistant Professors: CYNTHIA BRAGG´; Lecturers: NELDA NIX-MCCRAY, AARON GRESSON, JOHN HUDGINS, AIYDA EVANS, FRED BANKS, GABRIEL JIABANA, ASHA LAYNE.

OBJECTIVES OF THE DEPARTMENT

The Department of Sociology/Anthropology aims to help students apply the methods of science to explain human behavior in all social and cultural settings. In addition to a major in sociology, the Department offers minors in sociology, in anthropology, and in criminal justice. Efforts are made to help students understand and deal with contemporary social issues such as sex, power, money, violence, drugs, love, and social oppression in the forms of sexism, racism, and ageism. The Department helps students to develop skills for careers as well as for graduate and professional study.

The Department provides a number of interesting elective courses for students of all majors, including those pursuing careers in business administration, communication studies, computer science, engineering, mental health, social work, teaching, counseling, corrections, health services, gerontology, law, industrial relations, personnel management, public administration, religion, journalism, politics, and the foreign service. An attractive feature of the Department is that students have an opportunity to undertake independent study, internships, and field work, and to work closely with professors on ongoing research projects.

The Department offers a Bachelor of Arts (B.A.) Degree in sociology. Sociology majors may choose to pursue the major's Pre-Law track. The department also offers minors in anthropology, criminal justice and sociology.

ADVISEMENT AND REGISTRATION

Students majoring in sociology should schedule at least two meetings each semester with their advisor. Also, all students majoring in sociology should plan their schedules *in all cases* with the assistance of their faculty advisor. Other faculty members and the Chairperson are also available to assist students.

Students should report to the Department Office during the *first week* of each semester to complete an Inventory Form. Also, a new form must be completed whenever a student's address or telephone number changes during the course of the semester.

College-wide Requirements:

In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Liberal Arts Core required of all majors in the College of Liberal Arts. Options for satisfying this requirement are outlined in the catalog under the section on the College of Liberal Arts. Also, to qualify for graduation, students must pass the Departmental Senior Comprehensive Examination with a score of 70 or higher; must have taken two-thirds of their junior-and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses)

Required Courses for the Major in Sociology

Students majoring in Sociology must complete the following required courses:

Course	*Description*	*Credits*
SOCI 101	Introduction to Sociology	3
SOCI 110	Introduction to Anthropology	3
SOCI 201	Sociological Writing	3
SOCI 205	Contemporary Social Probs.	3
SOCI 302	Social Theory	3
SOCI 351	Intro. to Social Statistics	3
SOCI 380	Methods of Social Rsrch I	3
SOCI 441	Social Inequality	3
SOCI 480	Methods of Social Rsrch II	3
SOCI 492	Applied Anthropology or	
SOCI 494	Applied Sociology	3
SOCI 300>	Sociology Elective	3
SOCI 300>	Sociology Elective	3
SOCI 300>	Sociology Elective	3
SOCI XXX	Sociology Elective	3
SOCI XXX	Sociology Elective	3
SOCI XXX	Sociology Elective	3
SOCI XXX	Sociology Elective	3

Foreign Language (two sequential courses in the same language 6

TOTAL: 57

Sociology Major—Pre-Law Track

Students majoring in Sociology and following the Pre-Law Track get a strong foundation in the discipline and solid training in the following areas: (1) effective oral and written communication, (2) critical textual

analysis; (3) critical thinking, (4) argumentation and rhetoric, and (5) social and governmenttal institutions, traditions and values that shape the legal world. In addition to the major requirements, pre-law students must complete the following:

In place of elective Sociology credits, Pre-Law Track students complete the following courses:

Sociology Requirements

SOCI 308	Criminology	3
SOCI 315	Sociology of Law	3
SOCI 330	Sociology of Jails and Prisons	3
SOCI 401	Forensic Anthropology	3
SOCI 408	Research Methods in Criminal Justice and Criminology	3
SOCI 430	Sociology of Deviance	3
SOCI XXX	Sociology Elective	3

Pre-Law Track Requirements 27

ENGL 250	Vocabulary Development	3
ENGL 353	Advanced Grammar	3
HIST 237	History of American Law	3
HIST 337	American Constitutional History	3
PHIL 302	Critical Thinking	3
PHIL 343	Philosophy of Law	3
POSC 390	Seminar on the Practice of Law	3
POSC 415	American Constitutional Law	3
SPCH 201	Argumentation and Advocacy	3

The combination of 300- /400- level courses in Philosophy or Political Science satisfy the Liberal Arts Core Option 6 [Complement to the Major].

Students following the Pre-Law Track must also complete the following two courses to satisfy the Foreign Language Requirement:

LATN 101	Elementary Latin I	3
LATN 102	Elementary Latin II	3

THE DEPARTMENTAL HONORS PROGRAM IN SOCIOLOGY

Objectives

The Departmental Honors Program in Sociology is a complement to—and is intended to be pursued during the junior and senior years after completion of—the University-wide Honors Program in the General Education Program. The Departmental Honors Program is designed to broaden the range and increase the depth of study in the major by providing opportunities for (1) developing advanced analytical and critical thinking skills specific to the discipline, (2) reading extensively and intensively the seminal great books in the field, (3) investigating, conducting research on and defending a topic, thesis, or project, (4) laying the foundation for lifelong, independent learning, and (5) developing a sense of belonging in the Community of Scholars and a commitment to the advancement of knowledge.

Eligibility

To qualify for admission to the Departmental Honors Program in Sociology, students: (1) must have earned a minimum of 56 credits, at least 25 of which must have been earned at Morgan; (2) must have a cumulative average of 3.4 or higher, (3) must have a major average of 3.4 or higher in all required and supporting courses completed for the major, and (4) must file a formal application, be interviewed, and be admitted to the Program by the Department.

Program Requirements

Students admitted to the Departmental Honors Program in Sociology must complete the following course requirements:

SOCI 388	Great Books—Directed Reading I	2 credits
SOCI 389	Great Books—Directed Reading II	2 credits
SOCI 488	Senior Honors Thesis I	3 credits
SOCI 489	Senior Honors Thesis II	3 credits

In addition, students must, based on the research conducted in their Senior Thesis courses, write and, in April of the senior year, defend a Senior Thesis on a topic approved by the Department.

To remain in the Departmental Honors Program in Sociology, students: (1) must, once admitted to the

Program, complete all remaining courses in the major at Morgan (unless excused from doing so by the Dean), (2) must maintain a major average of 3.4 or higher, and (3) must complete all courses in the Departmental Honors Program with an average of 3.4 or higher.

Students who complete the requirements outlined above will be graduated with Departmental Honors, which will be conferred in a ceremony associated with graduation exercises.

Required Courses for the Minor in Anthropology

Students minoring in Anthropology must complete the following required courses with a grade of "C" or better:

Course	*Description*	*Credits*
SOCI 110	Introduction to Anthropology (required)	3
SOCI 301	Sociocultural Anthropology (required)	3

Choose 12 credit hours:

SOCI 311	Introduction to Archaeology	3
SOCI 401	Forensic Anthropology	3
SOCI 403	Ethnography of Selected Cultural Regions	3
SOCI 409	Language and Society	3
SOCI 345	Anthropological Theory	3
SOCI 451	Social Thought and the Concept of Race	3
SOCI 453	Independent Study**	3
SOCI 454	Ethnographic Methods	3
SOCI 495	Applied Anthropology	3
SOCI 493	Globalization and Development	3

**Pre-approval required for enrollment in this course.

TOTAL: 18

Required Courses for the Minor in Criminal Justice

Students minoring in Criminal Justice must complete 18 credits hours from the following sequence of courses with a grade of "C" or better:

Course	*Description*	*Credits*
SOCI 315	Sociology of Law	3
SOCI 305	Juvenile Justice and Delinquency	3
SOCI 308	Criminology	3
SOCI 310	Social Psychology	3
SOCI 315	Sociology of Law and Law Enforcement	3
SOCI 330	Sociology of Jails and Prisons	3
SOCI 331	Community-Based Corrections	3
SOCI 401	Forensic Anthropology	3
SOCI 332	Law Enforcement, Policing and Society	3
SOCI 408	Research Methods in Criminal Justice and Criminology	3
SOCI 425	Gender and Violence	3
SOCI 429	Victimology	3
SOCI 430	Sociology of Deviance	3
SOCI 453	Internship/Independent Research**	3

TOTAL: 18

*May not be used to satisfy concurrently the requirements for the major in Sociology and the minor in Criminal Justice.
**Pre-approval required for enrollment in this course.

Required Courses for the Minor in Sociology

Students majoring in other departments who choose to minor in Sociology must complete the following courses with a grade of "C" or better. Additionally, none of the courses may be used to satisfy requirements in the major or any other requirements for graduation:

Course	*Description*	*Credits*
SOCI 101	Introduction to Sociology	3
SOCI 205	Social Problems	3
SOCI 302	Social Theory	3
SOCI 351	Introduction to Social Statistics	3
SOCI 380	Methods of Social Research I	3
SOCI XXX	Sociology Elective	3

TOTAL: 18

SOCIOLOGY HONORS COURSE OFFERINGS

SOCI 388 GREAT BOOKS—DIRECTED

READING I—*Two hours; 2 credits.* This course affords the opportunity for the honor student to engage in semi- independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisite:** admission to the Depart- mental Honors Program. (OFFERED AS NEEDED).

SOCI 399 GREAT BOOKS—DIRECTED READING II—*Two hours; 2 credits.* This course is the second part of Directed Reading I and affords the opportunity for the honor student to engage in semi- independent, directed reading of major texts or works in the discipline under the supervision of a faculty member. **Prerequisites:** admission to the Departmental Honors Program and completion of Directed Reading I. (OFFERED AS NEEDED).

SOCI 488 SENIOR HONORS THESIS I—*Three hours;3 credits.* In this course students conduct advanced independent research, under the supervision of a faculty member, and prepare to defend the thesis be- fore the Departmental faculty. This half of the two-course sequence should be pursued during the fall semester. **Prerequisites:** admission to the Depart- mental Honors Program and completion of Directed Reading I and II. (OFFERED AS NEEDED).

SOCI 489 SENIOR HONORS THESIS II:—*Three hours; 3 credits.* This course is a continuation of Senior Honors Thesis I and concludes the conduct of advanced research, under the supervision of a faculty member. This half of the two-course sequence should be pursued during the spring semester. The student should complete the honors thesis by the end of March and should defend it before the Departmental faculty in April. **Prerequisites:** admission to the Departmental Honors Program and completion of Directed Reading I and II and Senior Honors Thesis I. (OFFERED AS NEEDED).

SOCIOLOGY
COURSE OFFERINGS

SOCI 101 INTRODUCTION TO SOCIOLOGY —*Three hours; 3 credits.* The objective of this course is to introduce the student to the systematic study of society. Emphasis is placed upon the major concepts of sociology and the scientific point of view in dealing with social phenomena. The course aims to enable the student to gain an understanding of questions which deal with humans in social relationships and to prepare the student for the study of societal issues and problems [Formerly SOCI 201]. (FALL/SPRING).

SOCI 110 INTRODUCTION TO ANTHROPOLO- GY—*Three hours; 3 credits.* This foundation course enhances self-knowledge, self-tolerance of diversity, and global understanding by providing insight into the human experience from the traditional four perspectives of the discipline (physical, archaeological, linguistic, and cultural). Ancient organisms and their behavior are examined, as is the study of the origin of the human species and its connection to primordial ancestors. [Formerly SOCI 210]. (FALL/SPRING).

SOCI 201 SOCIOLOGICAL WRITING---*Three hours; 3 credits. Sociological Writing* is a reading and writing intensive course. Students will review sociological papers, distinguish the typology of sociology papers/ manuscripts; examine acceptable styles for course work, journal submission, manuscript publication, and presentations. Students will write a sociology research paper, prepare a grant, take field notes, build a curriculum vita, prepare a writing sample, complete an IRB application and article abstract, and engage in peer editing. **Prerequisite: SOCI 101** (FALL)

SOCI 205 SOCIAL PROBLEMS—*Three hours; 3 credits.* This course emphasizes the relationships be- tween the structure of the society and problems therein. It analyzes the importance of business, economics, government and other institutions in the creating and solving of social problems in modern society. Special consideration is given to forms of deviant behavior and social disorganization such as drug use, delinquency, crime, unemployment, mental disorders, and family disorganization, as well as their incidence in society and programs designed to control them. (FALL/SPRING).

SOCI 301 SOCIOCULTURAL ANTHROPOLOGY— *Three hours; 3 credits.* This course gives students an overview of anthropology, focuses major attention on social and cultural patterns of human organization, and provides students with an opportunity for in-depth study of three peoples, at least one of whom lives in Africa. (OFFERED AS NEEDED).

SOCI 302 SOCIAL THEORY—*Three hours; 3 credits.* This course involves a survey of the social thought as expressed by representative theorists in

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ideas of Different periods. The purpose of this course is to provide students with a comprehensive background and a perspective for understanding social thought from a historical and contemporary perspective. **Prerequisite: SOCI 101** (FALL/SPRING).

SOCI 303 PUBLIC OPINION AND PERSUASION— *Three hours; 3 credits.* This course involves a study of public opinion and propaganda as processes and their relation to social control and collective behavior. Special attention is given to organs of public opinion, especially to the newspaper, and to propaganda agencies and techniques. (OFFERED AS NEEDED).

SOCI 304 MARRIAGE AND THE FAMILY— *Three hours; 3 credits.* This course involves a study of the theories of the family as an institution to companionship. Consideration is given to the modern family as a unit of interacting personalities, family organization and disorganization and to contemporary problems of the family in the light of social change, as well as the functions of the family and socialization in the family. The course will also study the relationship of the family to other social entities such as work, public policy, and the economy (OFFERED AS NEEDED).

SOCI 305 JUVENILE JUSTICE AND DELINQUENCY—*Three hours; 3 credits.* Consideration is given to a treatment of the concept and incidence of juvenile delinquency, theories of crime causation, and methods of punishment as a background for the study of juvenile delinquency. Emphasis is placed upon factors of causation as revealed through person- al, family and community situations conditioning delinquent behavior; analysis of concrete cases and juvenile delinquency; and critical examination of cur- rent methods of dealing with juvenile offenders and programs for the prevention of delinquency. (FALL). [Formerly Juvenile Delinquency and Its Social Treatment] (OFFERED AS NEEDED).

SOCI 306 AFRICAN-AMERICANS IN THE UNITED STATES—*Three hours; 3 credits.* This course provides a sociological appraisal of the condition and personality of African Americans. Attention is given to the impact of slavery and colonialism on the manner in which the American experience has influenced the family life of African Americans, as well as their participation in education, politics, health care, the economy, religion, housing, music and sports. [Formerly SOCI 206] (OFFERED AS NEEDED).

SOCI 307 POPULATION SCIENCE: DEMOGRAPHY—*Three hours lecture, one hour lab; 3 credits*. This course involves the study of the basic techniques of population analysis and descriptions and social problems specifically from a population and demographic point of view. Specifically, it examines the causes of changes in the size, composition, and distribution of populations and their impact on abortion, occupation, relocation, population explosion, single-parent families, genocide, divorce, and housing. (OFFERED AS NEEDED).

SOCI 308 CRIMINOLOGY–*Three hours; 3 credits*. This course examines the agencies and institutions such as the police, the courts and penal institutions, which deal with offenders. Particular attention is given to treatment of the offender, as well as to programs of crime prevention. (OFFERED AS NEEDED).

SOCI 310 SOCIAL PSYCHOLOGY—*Three hours; 3 credits.* This course examines social psychology from a sociological perspective. As such, it focuses attention on the relationship between the person and the social world. Underlying the course is the theoretical assumption that we construct our social reality through the process of interaction with others. Topics covered include, but are not limited to, the nature of self, socialization, social interaction and conduct, and the social order (society). [Formerly SOCI 203] (OFFERED AS NEEDED).

SOCI 311 INTRODUCTION TO ARCHAEOLOGY—*Three hours; 3 credits.* This course serves as an introduction to archaeology, the study of our past through the use of material remains. It gives students an overview of the principles of archaeology and instructs them in archaeological field techniques. Includes four mandatory field trips. (OFFERED AS NEEDED)

SOC 314 RACIAL AND ETHNIC RELATIONS— *Three hours; 3 credits.* This course explores some of the many ways in which societies define racial, ethnic, majority and minority groups, including the use of stereo- types, pseudo-history and biological myths. It also explores how such differentiation influences self-concepts, intra- group relations, and intergroup relations. Racial and ethnic relations characterized by prejudice, discrimination,

scapegoating, maldistribution of valued resources, and violence pose social control and nation-building challenges that receive special attention. [Formerly SOCI 202] (OFFERED AS NEEDED).

SOCI 315 SOCIOLOGY OF LAW—*Three hours; 3 credits.* Analyses are made of the development of laws and the administration of law. Special emphasis is placed on their effect on social groups and mass behavior, the analysis of social processes involved in the making of laws, and the social basis of legal ideologies, statutes, and legal enforcement

SOCI 318 SOCIOLOGY OF BUSINESS AND WORK—*Three hours; 3 credits*. This course examines the occupational structure in society and business organizations as social institutions, from the level of single proprietorships to the level of multinational corporations. Also included within its focus are the meaning of work, socio-cultural factors relevant to occupational recruitment and retention, formal and informal organizations that impact on business, the marketing implications of social stratification, and sociological factors affecting job satisfaction and productivity. (OFFERED AS NEEDED).

SOCI 319 SOCIOLOGY OF LEISURE AND ENTERTAINMENT—*Three hours; 3 credits.* This course involves the study of behaviors and values which characterize patterns of leisure and entertainment in a variety of societies including the United States. Among its concerns are relationships between leisure, on the one hand; and time-allocation, social stratification, sex roles, subcultures, and technology, on the other hand. (OFFERED AS NEEDED).

SOCI 321 URBAN SOCIOLOGY—*Three hours; 3 credits.* The varying mechanisms through which the structure and functions of urban society are integrated are scrutinized. Attention is directed to the methods of dominance in the city as well as in the larger society. Consideration is also given to the social consequences of urbanism. (OFFERED AS NEEDED).

SOCI 330 SOCIOLOGY OF JAILS AND PRISONS—*Three hours; 3 credits.* This course takes the student behind the walls of jails and prisons in order to explain how these institutions function both as parts of larger social systems and in and of themselves. Some attention is given to institutional subcultures, to institutional programs and policies, and to issues associated with the privatization of jails and prisons (OFFERED AS NEEDED).

SOCI 331 COMMUNITY-BASED CORRECTIONS–*Three hours; 3 credits.* This course acquaints students with sociological and anthropological aspects of criminal corrections within the context of halfway houses and "alternative" or "modified" sentencing. (OFFERED AS NEEDED).

SOCI 332 LAW ENFORCEMENT, POLICING AND SOCIETY—*Three hours; 3 credits.* Law Enforcement, Policing and Society, examines the historical, contemporary, and future relationship of law enforcement, police work, and society from the local, state, national, and international perspective. The course explores the sociological and sociocultural aspects of each. Students complete 15 hours of work outside of the classroom police-ride along, exploring field operations, and police/ community events. (OFFERED AS NEEDED)

SOCI 340 SOCIOLOGY OF URBAN AFRICA— *Three hours; 3 credits.* This course focuses on African cities and the urbanization process devoid of stereotypes that project Africa as static and dominated by tropical rain forests. Topics within its purview are social change, development, and culture as they relate to the causes and consequences of urbanization. The course draws on both sociology and anthropology and places particular emphasis on marriage, family systems, women, and the development challenges in African cities. (OFFERED AS NEEDED).

SOCI 342 SOCIOLOGY OF AFRICA IN EUROPE AND ASIA—*Three hours; 3 credits.* This course focuses on African diasporas in Europe and Asia from prehistory until the present. Course topics include human evolution, stages of human radiation out of Africa as case studies in migration, and a range of cultural and social problems associated with racism and assimilation as regards people of African descent in Europe and Asia. (OFFERED AS NEEDED).

SOCI 345 ANTHROPOLOGICAL THEORY— *Three hours; 3 credits.* This course introduces students to the foundational theoretical perspectives in anthropology, which have been used to examine overarching questions about humanity, as well as the pressing social issues of the time. The course will also analyze the historical context surrounding the development of the theories and theoreticians, which will shed light on the knowledge production process. (OFFERED AS NEEDED)

SOCI 351 INTRODUCTION TO SOCIAL STATISTICS—*Three hours lecture, one hour lab; 3 credits.* This course will deal with basic statistics: the general nature of statistical methods, frequency distribution, percentiles, averages, measures of variabilities, standard deviations, the nor- mal curve, introduction to sampling theory, testing statistical hypothesis, analysis of variance and covariance, etc. Emphasis will be placed on computation and on the application of these statistics in sociological research. **Prerequisite for SOCI 381** (Formerly SOCI 251) (FALL/SPRING).

SOCI 360 AGING BABY BOOMER: SOCIOLOGICAL PERSPECTIVES—*Three hours; 3 credits.* This course utilizes theory, methods and research from sociology and anthropology to explicate and analyze selected difficulties confronted by the elderly in a variety of different societal settings. In addition, aging is treated both as a social problem and from a cross-cultural perspective. [Formerly SOCI 207 SOCIOLOGY OF AGING]. (OFFERED AS NEEDED).

SOCI 377 INTIMATE RELATIONS —*Three hours; 3 credits.* Love, friendship and intimate relations are examined from a sociological perspective. Topics include love, the structure and function of relationships, and the strengths, stresses and strains of intimate relations [Formerly Love and Intimate Relations] (OFFERED AS NEEDED).

SOCI 378 SOCIOLOGY OF GENDER—*Three hours; 3 credits.* In areas such as feminism, gay rights, changing definitions of masculinity, male-female relations, and new roles of women in the workforce, gender socialization, household formation, and domestic affairs, the world is undergoing much change which deserves systematic study from social scientific perspectives. Though this course uses materials primarily from anthropology and sociology to describe and analyze selected dimensions of sex and gender cross-culturally and through time, it has relevance for students in numerous fields of study.
[Formerly Sex and Gender in Society and Culture] (SPRING)

SOCI 379 SOCIOLOGY OF MASS COMMUNICATIONS — *Three hours lecture, one hour lab; 3 credits.* A sociological perspective is used to examine the nature and process of mass communication and its functions in society. Emphasis is placed on the meanings conveyed and the effects created by mass communication and its impact on individuals, groups, society, and culture. Both theoretical and practical perspectives are used to examine such topics as violence, news construction, and images of race, class, and gender, and the impact of advertising. This course is recommended for students in many fields of study, including telecommunications, business, psychology, philosophy, political science, education, speech and theatre. (OFFERED AS NEEDED).

SOCI 380 METHODS OF SOCIAL RESEARCH I— *Three hours lecture, one hour lab; 3 credits.* This course introduces the student to the fundamentals of scientific inquiry, both quantitative and qualitative. The student will be exposed to the processes involved in (1) selecting and framing research questions, (2) choosing appropriate methods and time frames for collecting data, (3) analyzing data, (4) drawing conclusions from data, and (5) reporting findings from data analysis. Each student will write a proposal for a study utilizing experimental, survey, field research or some other research design used by sociologists to collect data. (SPRING)

SOCI 400 SOCIOLOGY OF HEALTH AND ILLNESS—*Three hours; 3 credits.* This course will critically examine how health and illness are defined and socially constructed. We will also investigate the distribution of mortality and morbidity; and the experiences of illness. For a comprehensive understanding of health and illness, we will examine the training and hierarchies of health care workers, interactions between health care providers and patients, alternative medicine, ethical issues, and health care financing.

SOCI 401 FORENSIC ANTHROPOLOGY—*Three hours; 3 credits.* This course explores the use of anthropological knowledge within a legal context. Specifically, it focuses on the recovery of remains and the subsequent use of osteology, or the analysis of skeletal anatomy and biology, to determine the cause of death. (OFFERED AS NEEDED)

SOCI 403 ETHNOGRAPHY OF SELECTED CULTURAL REGIONS—*Three hours; 3 credits.* This course involves an in-depth study of cultural strata in societies of a particular cultural region. **Prerequisite**: SOCI 110 or permission of instructor. (OFFERED AS NEEDED).

SOCI 404 COLLECTIVE BEHAVIOR—*Three hours; 3 credits.* This course will focus on the definition of the term *collective action* and the

rationale for the use of this term. The various theories of collective action will be discussed, and efforts will be made to identify and distinguish categories of this form of human behavior such as slave rebellions, strikes, protest demonstrations, riots, fads, and especially social movements. Attention will also be paid to various factors that influence these episodes, such as beliefs, ideologies, tactics and strategies, culture, resources, and social control. In addition, the knowledge that emanates from collective action episodes, as well as their social con- sequences, will be examined. (OFFERED AS NEEDED).

SOCI 405 SOCIAL CHANGE AND FUTURISM—*Three hours; 3 credits.* This course focuses on socio-cultural patterns over time that reflect ways in which social life is renewing, remaking, changing, and transforming itself. It devotes attention to dimensions of collective behavior and to social movements as well as to techno- logical competition, innovation, and diffusion as related to occupations and to business. Futuristic concepts of popular culture such as "future shock," "megatrends," "postindustrial society," "third wave," and "information economy" are explored. The areas included for study range from telecommunications, technology, space and genetic engineering to transformations in families, race relations, sex roles, leisure and the post-industrial structure of time-allocation, work and leisure. (OFFERED AS NEEDED).

SOCI 406 SOCIOLOGY OF RELIGION—*Three hours;3 credits.* This course is designed to provide students with some basic concepts and understandings regarding the connection between religion and the social context or environment. In addition to the process of secularization involving religion's emergence and development, broader and more complex issues involving religion and politics, power, millenarianism, dualism, race/ethnicity, class, and gender are highlighted. (OFFERED AS NEEDED)

SOCI 407 SOCIOLOGY OF EDUCATION—*Three hours; 3 credits.* This course will examine the crucial role that educational institutions play in American society and the world, more broadly. Throughout the course, students will engage with core debates in the theory, history and practice of education. Most importantly, students will learn how education contributes to the reproduction of the social system, including race, class and gender inequality. (OFFERED AS NEEDED)

SOCI 408 RESEARCH METHODS IN CRIMINAL JUSTICE AND CRIMINOLOGY—*Three hours; 3 cred- its.* This course introduces students to research methods in criminal justice and criminology. Students will utilize the Bureau of Justice Statistics, the FBI's Uniform Crime Reports, the National Criminal Victimization Sur- vey, and other sources to conduct criminal justice- and criminology-based research. (OFFERED AS NEEDED)

SOCI 409 LANGUAGE AND SOCIETY—*Three hours; 3 credits.* This course introduces students to selected linguistic characteristics which mark the world's major language families and to the analytical study of language as related to socialization, social solidarity, conflict, and ethnic, class, and sex markers, and to collective behavior. Attention is also given to language fads and to the social adaptability of language in situations ranging from the formal to the intimate and from the highly ritualized to the ordinary as well as to its expression through gestures, body movement, and the use of space. (OFFERED AS NEEDED).

SOCI 415 SOCIOLOGY OF SPORTS—*Three hours; 3 credits.* This course examines the institution of sport from various sociological perspectives. It is designed to provide students with an opportunity to critically analyze the assumptions surrounding the social significance of sport through a process of reflective thought. (OFFERED AS NEEDED)

SOCI 425 GENDER AND VIOLENCE—*Three hours; 3 credits.* The intersection of gender and violence is explored and analyzed where both intra-violence and inter-violence in the United States and beyond is examined amongst and between men, women, children, geographic locales, etc. Sociological and socio-cultural reaction to violence and violence itself is assessed. Students complete case assessments to assess variations in gender and violence. (OFFERED AS NEEDED)

SOCI 429 VICTIMOLOGY—*Three hours; 3 credits.* Victimology explores victimization from every aspect of social life and is not limited to the classical definition of crime. Criminological victimization as well as general victimization, is examined both nationally and internationally. Students complete 15 hours of service-learning in a victim's protection or advocacy organization. (OFFERED AS NEEDED)

SOCI 430 SOCIOLOGY OF DEVIANCE—*Three hours;3 credits.* This course introduces students to deviance, deviance theory, and deviant behavior. Students assess cases to distinguish norms, and deviant and illegal behavior while identifying social control, power, morality, ethics, laws, rules, enforcement, norm violations, and social re- action as caveats of deviance. (OFFERED AS NEEDED)

SOCI 435 SEXUAL DIVERSITY IN SOCIETY —*Three hours; 3 credits.* Sexual Diversity in Society explores the definitions, distinctions, and the practice of bisexuality, genderism, heterosexuality, homosexuality, incest, prostitution, pornography, rape, sadomasochism, sex, sexism, transgenderism, and transvertism. Emphasis will be placed on the sociological, socio-biological, and socio-psychological aspects of sex, sexuality, and sexual orientation. Students will complete field observations to explore course topics (e.g. attend a sexual diversity group meeting, or sit-in on a sex education class). (OFFERED AS NEEDED)

SOCI 441 SOCIAL INEQUALITY—*Three hours; 3 credits.* This course is designed to analyze the nature and functions of social stratification and social inequality. It will focus on the manner in which society seeks to place individuals in various social categories on the basis of such factors as class, age, sex, power, ethnicity, and race, etc. The impact of these placements on the quality of life and lifestyles of individuals and groups is also examined. FALL

SOCI 451 SOCIAL THOUGHT AND THE CONCEPT OF RACE—*Three hours; 3 credits.* Special attention is paid to sociological, anthropological and related theoretical and methodological approaches and issues developed, and responded to, by African Americans and other diasporan intellectuals. Topics covered may include slavery, indentured servitude, serfdom and other forms of dependent labor; colonialism, segregation, in- dependence, neocolonialism, in-group and out-group relations, and minority and majority group relations; pre- colonial society; emancipation, nationalism, separatism, and social movements; and knowledge connected with the construction of personality formation and development, politics, law, economics, and culture that emanate from the aforementioned situations. (OFFERED AS NEEDED).

SOCI 453 INDEPENDENT STUDY—*Three to fifteen hours; 1 to 5 credits.* This individualized experience offers an opportunity for students to undertake an internship in sociology, in anthropology, or in criminal justice with an appropriate agency; for students to carry out individualized research under faculty supervision; or for students to be a research assistant to a professor. Prior to registration, each student must obtain written permission from a professor to supervise a particular undertaking to be filed in the departmental office. This experience may be repeated until a maximum of five (5) credits is earned (OFFERED AS NEEDED).

SOCI 454 ETHNOGRAPHIC METHODS—*Three hours lecture, one hour lab; 3 credits.* This is a highly interactive course in which students work very closely with their professors and with each other. It affords students an opportunity to understand and undertake small-scale research projects which rely on observational methods, audiovisual techniques, the census, and interviews. The projects that students will undertake are intended to be of special interest to them and will be associated with day to day behaviors and values within such domains as cooking, food consumption, symbolism, sex, dance, speech, and time-allocation, the use of space, ceremonies, biography, aging, and dress. (OFFERED AS NEEDED).

SOCI 455 QUALITATIVE METHODS—*Three hours; 3 credits.* Qualitative, non-statistical social science research can form the basis of surprising and profound discoveries about individuals and societies. Through small-scale studies, the need for larger studies is exposed. Narratives, confessions, ethnographies, demographic studies, case studies, and more recently, focus groups contribute insight and depth to our understanding of the human condition. (OFFERED AS NEEDED)

SOCI 480 METHODS OF SOCIAL RESEARCH II—*Three hours lecture, one hour lab; 3 credits.* This course affords each student the opportunity to get "hands-on" experience in carrying out all aspects of a social-scientific research project. Each student is expected to orally present the project and/or submit it to an appropriate journal. **Prerequisite:** SOCI 351 and SOCI 380 [Formerly SOCI 381] (FALL)

SOCI 492 APPLIED ANTHROPOLOGY—*Three hours; 3 credits.* This course provides students opportunities to explore how basic anthropological concepts can impact everyday life and social policy. It will highlight the important and exciting work that

applied anthropologists do in fields like environmental impact studies, medical anthropology, community organizing, filmmaking, program evaluation, and marketing. Upon finishing this course, students should concretely know how to become employed as practicing anthropologists. (ODD SPRING)

SOCI 493 GLOBALIZATION AND DEVELOPMENT—*Three hours; 3 credits.* This course deals with domestic factors, colonialism, neocolonialism, and globalization as they have differentially impacted development in such a manner as to contribute to extreme wealth in some regions of the world and extreme poverty in others. Linkages (economic, commercial, political, and technological) between developed and developing countries, as well as development issues that relate to human rights, will be addressed. [Formerly World Cultures and Development] (OFFERED AS NEEDED).

SOCI 494 APPLIED SOCIOLOGY—*Three hours; 3 credits.* In this senior-level course, students will examine ways in which sociological knowledge (concepts, theories, methods, and empirical findings) can be/are applied in social settings. Ethical issues arising from the application of sociology will also be examined. All seniors are strongly encouraged to enroll in this seminar. [Formerly Seminar in Applied Sociology and Professionalism] (EVEN SPRING)

SOCI 495 SEMINAR IN SELECTED TOPICS IN SOCIOLOGY—*Three hours; 3 credits.* This course will examine selected topics from a sociological perspective. Topics will vary from semester to semester and year to year. This course may be repeated only once for credit. (OFFERED AS NEEDED).

SOCI 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides an opportunity for the student to obtain supervised work experience in the major, at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages, and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (SPRING).

SOCI 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP— *Nine hours per week;3 credits.* This course provides the opportunity for the student to obtain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED)

Department of Sociology and Anthropology
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

SOCI 101 INTRO TO SOCIOLOGY (SB)	3
XXXX – EC – General Education Req.*	3
XXXX – BP – General Education Req.*	4
XXXX – SB – General Education Req.*	3
PHEC XXX PHYSICAL EDUCATION	1
ORLA 101 FRESHMAN ORIENTATION	1
	15

FRESHMAN YEAR (SECOND SEMESTER)

SOCI 110 INTRO TO ANTHROPOLOGY	3
XXXX – EC – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – SB – General Education Req.*	3
XXXX – BP – General Education Req.*	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

SOCI 201 SOCIOLOGICAL WRITING	3
SOCI 205 SOCIAL PROBLEMS	3
XXXX – MQ – General Education Req.*	4
XXXX – AH – General Education Req.*	3
XXXX – FOREIGN LANGUAGE I**	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX – AH – General Education Req.*	3
XXXX – CT – General Education Req.*	3
XXXX – IM – General Education Req.*	3
XXXX – FOREIGN LANGUAGE II**	3
XXXX – FREE ELECTIVE	3
	15

JUNIOR YEAR (FIRST SEMESTER)

SOCI 302 SOCIAL THEORY	3
SOCI 351 INTRO. TO SOC STATISTICS	3
SOCI XXX - SOCI ELECTIVE	3
SOCI XXX - SOCI ELECTIVE	3
XXXX – CI – General Education Req	3
	15

JUNIOR YEAR (SECOND SEMESTER)

SOCI 380 METH. OF SOC. RESEARCH I	3
SOCI XXX - SOCI ELECTIVE	3
SOCI XXX - SOCI ELECTIVE	3
XXXX – LIBERAL ARTS CORE I	3
XXXX – FREE ELECTIVE	3
	15

SENIOR YEAR (FIRST SEMESTER)

SOCI 480 METH. OF SOC. RESEARCH II	3
SOCI 441 SOCIAL INEQUALITY	3
SOCI XXX - SOCI ELECTIVE	3
SOCI XXX - SOCI ELECTIVE	3
XXXX – LIBERAL ARTS CORE II	3
	15

SENIOR YEAR (SECOND SEMESTER)

SOCI 492 APPLIED ANTHROPOLOGY	
OR	
SOCI 494 APPLIED SOCIOLOGY	3
SOCI XXX - SOCI ELECTIVE	3
SOCI XXX - SOCI ELECTIVE	3
XXXX – FREE ELECTIVE	3
XXXX – FREE ELECTIVE	2
	14

TOTAL CREDIT HOURS 120

***See General Education requirements for eligible courses.**
****Two sequential courses in the same foreign language.**
NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED): 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communications Studies): 2) WRITING PROFICIENCY EXAM (administered by the Department of English), AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). Consult the "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

MORGAN STATE UNIVERSITY
Sociology Major - Pre-Law Track
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

SOCI 101 INTRO TO SOCIOLOGY (SB)	3
XXXX – EC – General Education Req.*	3
XXXX – BP – General Education Req.*	4
XXXX – SB – General Education Req.*	3
PHEC XXX PHYSICAL EDUCATION	1
ORLA 101 FRESHMAN ORIENTATION	1
	15

FRESHMAN YEAR (SECOND SEMESTER)

SOCI 110 INTRO TO ANTHROPOLOGY	3
XXXX – EC – General Education Req.*	3
XXXX – HH – General Education Req.*	3
XXXX – SB – General Education Req.*	3
XXXX – BP – General Education Req.*	3
	15

SOPHOMORE YEAR (FIRST SEMESTER)

SOCI 201 SOCIOLOGICAL WRITING	3
SOCI 205 SOCIAL PROBLEMS	3
XXXX – MQ – General Education Req.*	4
XXXX – AH – General Education Req.*	3
LATN 101 ELEMENTARY LATIN I	3
16	

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX – AH – General Education Req.*	3
XXXX – CT – General Education Req.*	3
XXXX – IM – General Education Req.*	3
LATN 102 ELEMENTARY LATIN II	3
ENGL 250 VOCABULARY DEVEL.	3
15	

JUNIOR YEAR (FIRST SEMESTER)

SOCI 302 SOCIAL THEORY	3
SOCI 351 INTRO. TO SOC STATISTICS	3
SOCI 308 CRIMINOLOGY	3
SOCI 315 SOCIOLOGY OF LAW	3
XXXX – CI – General Education Req	3
	15

JUNIOR YEAR (SECOND SEMESTER)

SOCI 380 METH OF SOC RESEARCH I	3
SOCI 330 SOCIO. OF JAILS & PRIS.	3
SOCI 401 FORENSIC ANTHROPOLOGY	3
PHIL 302 CRITICAL THINKING	3
HIST 237 HIST. OF AMERICAN LAW	3
	15

SENIOR YEAR (FIRST SEMESTER)

SOCI 480 METH OF SOC. RESEARCH II	3
SOCI 441 SOCIAL INEQUALITY	3
SOCI 430 DEVIANCE	3
SOCI 408 METHODS IN CRIM JUSTICE	3
PHIL 343 PHILOSOPHY OF LAW	3
POSC 415 AMER. CONST. LAW	3
	18

SENIOR YEAR (SECOND SEMESTER)

SOCI 494 APPLIED SOCIOLOGY	3
SPCH 201 ARGUM. & ADVOCACY	3
ENGL 353 ADVANCED GRAMMAR	3
POSC 390 SEM IN PRACTICE OF LAW	3
HIST 357 AMERICAN CONST. HIST.	3
SOCI XXX - SOCI ELECTIVE	3
	18

TOTAL CREDIT HOURS **127**

***See General Education requirements for eligible courses.**

NOTE: IN ADDITION TO THE COURSES IN THE ABOVE CURRICULUM SEQUENCE, PASSING SCORES ON THE FOLLOWING EXAMINATIONS ARE REQUIRED: 1) SPEECH PROFICIENCY EXAM (administered by the Department of Communication Studies); 2) WRITING PROFICIENCY EXAM (administered by the Department of English); AND 3) SENIOR COMPREHENSIVE EXAM (administered by the major department). CONSULT THE "UNIVERSITY REQUIREMENTS" SEGMENT OF THE CATALOG, YOUR ADVISOR, AND THE DEPARTMENTS THAT ADMINISTER THE EXAMS FOR MORE INFORMATION.

WORLD LANGUAGES AND INTERNATIONAL STUDIES

Chairperson of Department: PROFESSOR M'BARE N'GOM; Associate Professors: HELEN L. HARRISON, ELIZABETH GUNN; Assistant Professor: JOSÉ I. LARA; Lecturers: MOHAMED ALI, FEN-WHEY KO, DANIEL BRUNSON, JULIENNE KEUTCHA, REIKO NONOGAKI, BAYO OMOLOLA, TOBY RIVKIN, ZENOBIA THOMAS. GLAYDSON VIEIRA; Director of the World Language Laboratory: LOREN J. LEWIS.

DEPARTMENTAL PROGRAMS

The study of foreign languages and cultures truly responds to national and international needs. Language is the key to mutual understanding among nations. The Department is structured to provide all students with valuable and useful linguistic tools. Students who specialize in fields other than foreign languages receive collateral cultural training, to be used as a necessary skill in business, public administration, teaching, translation, interpretation, and international relations.

The Department offers minors and certificates of proficiency in French and Spanish. Courses are available in Arabic, Chinese, German, Hindi, Japanese, Korean, Swahili, Wolof, Yoruba, and other critical or less frequently taught languages. In cooperation with the Middle East Institute in Washington, D. C., it offers the Arabic Language Program at Morgan.

Additionally, the Department has a graduate program, leading to the M.A. in International Studies.

CERTIFICATE OF PROFICIENCY IN A FOREIGN LANGUAGE

Any student who completes eighteen (18) credits in the foreign language beyond 102 may apply to receive a Certificate of Proficiency. If the student has not maintained a "B" average or better in those courses, he/she will be required to pass a proficiency examination in that language.

All candidates for the Certificate of Proficiency must submit an application no later than mid-term of their last semester at Morgan State University. Applications may be obtained from the office of the Chairperson of the Department or from any member of the World Languages faculty.

MINOR IN A FOREIGN LANGUAGE

To satisfy the requirements for a minor in a foreign language, students must earn eighteen (18) credits in the same foreign language. Those credits must include twelve (12) credits in the same foreign language beyond the 102 level.

PLACEMENT IN FOREIGN LANGUAGES

Beginning foreign language students and students who have earned high school credits in a foreign language (ninth through twelfth grades) MUST follow the placement plan below, in order to receive credit for University courses in the same foreign language. This policy applies both to courses and to the proficiency exams which may replace those courses.

High School Foreign Language Study (Beginning Level)

- 0 or 1 year or level in high school (101)
- 1 or 2 years or levels in high school (102)
- 2 or 3 years or levels in high school (203)
- 3 or 4 years or levels in high school (204)
- 4 or more years or levels in high school (311 or 300>)

Deviations from this plan must be approved in writing by the Chairperson of the Department of World Languages and International Studies.

The following students must consult with the Chairperson of the Department of World Languages and International Studies for placement:

- Students who completed high school study of the foreign language four or more years prior to the placement,
- Students who engaged in such study in a foreign country
- Native or heritage speakers,
- Students who have spent six months or longer in a country where the foreign language is one of the official languages,
- Students who believe that other special circumstances should affect their placement.

Students must pass the 101, 102, 203, or 204 course before enrolling in the next level. Any exceptions must be approved by the Chairperson of the Department of World Languages and International Studies. Students may not go backwards within the 101-204 sequence.

COURSE OFFERINGS

MDFL 305 GENERAL LINGUISTICS—*Three hours; 3 credits.* The goal of this course is to expose students to the language families of the world, their different sounds, grammatical features, and their relationships to each other. Lectures in English. (OFFERED AS NEEDED).

MDFL 306 WORLD LANGUAGES AND CULTURES—*Three hours; 3 credits.* The course covers varying topics in the field of foreign languages or study of selected critical or less frequently taught foreign languages. (OFFERED AS NEEDED).

AFRICAN LANGUAGES

AFLA 101 ELEMENTARY AFRICAN LANGUAGE I—*Three hours lecture, one hour lab; 3 credits.* This course introduces students to the study of an African language.. It places emphasis on conversational skills as well as reading and writing skills. It also emphasizes cultural aspects of this linguistic group. The course also provides students with cultural information about the people whose language they learn. **Prerequisite**: No previous study of the language or one year or level of the language in high school. OFFERED AS NEEDED).

AFLA 102 ELEMENTARY AFRICAN LANGUAGE II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of AFLA 101. **Prerequisite:** AFLA 101 or one to two years or levels of the language in high school. (OFFERED AS NEEDED.

AFLA 105 INTENSIVE ELEMENTARY AFRICAN LANGUAGE—*Six hours lecture, two hours lab; 6 credits*. This is an intensive course covering the material of AFLA 101-102 in one semester. **Pre- requisite:** No previous study of the language or one year or level of the language in high school. (OFFERED AS NEEDED).

AFLA 203 INTERMEDIATE AFRICAN LANGUAGE I—*Three hours lecture, one hour lab; 3 credits.* This course provides a review of grammar and pronunciation, composition and graded readings. Further development in aural-oral proficiency is provided. **Prerequisite:** AFLA 102 or AFLA 105 or two to three years or levels of the language in high school. (OFFERED AS NEEDED).

AFLA 204 INTERMEDIATE AFRICAN LANGUAGE II—*Three hours lecture, one hour lab; 3 credits*. This is a continuation of AFLA 203. **Prerequisite:** AFLA 203 or three to four years or level of the language in high school. (). (OFFERED AS NEEDED)

AFLA 206 INTENSIVE INTERMEDIATE AFRICAN LANGUAGE—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of AFLA 203-204 in one semester. **Prerequisite:** AFLA 102 or AFLA 105 or two to three years or levels of the language in high school. (OFFERED AS NEEDED).

AFOL 450 AFRICAN ORAL LITERATURE–*Three hours; 3 credits.* This course is an introduction to African Oral Literature with initial emphasis on how orality can be understood in a changing literate culture. This course also focuses attention on criteria and modalities for classification of African Oral Literature into genres and sub-genres. Finally, the centrality of the role of the oral artist and composition and performance techniques are properly examined. Classes combine lectures and extensive discussion. This course is taught in English. **Prerequisite:** None. (OFFERED AS NEEDED).

AFOL 451 CONTEMPORARY TRENDS IN AFRICAN ORAL LITERATURE–*Three hours; 3 cred- its.* This course is an in-depth evaluation of the dynamics of communication in African oral literature. Attention is focused on the contemporary trends in African oral literature and the role of oral literature in the entertainment industry, such as music and film. This course is taught in English. **Prerequisite:** AFOL 450. (OFFERED AS NEEDED).

SWAL 101 ELEMENTARY SWAHILI I—*Three hours lecture, one hour lab; 3 credits*. This course introduces students to one of the two major languages of the African continent. It places emphasis on conversational skills as well as reading and writing skills. It also emphasizes cultural aspects of this linguistic group. **Prerequisite:** No previous Swahili study or one year or level of Swahili in high school. (FALL AND SPRING).

SWAL 102 ELEMENTARY SWAHILI II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of SWAL 101. **Prerequisite:** SWAL 101 or one to two years or levels of Swahili in high school. (FALL AND SPRING).

SWAL 105 INTENSIVE ELEMENTARY

SWAHILI—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of SWAL 101-102 in one semester. **Prerequisite:** No previous Swahili study or one year of Swahili in high school. (OFFERED AS NEEDED).

SWAL 203 INTERMEDIATE SWAHILI I—*Three hours lecture, one hour lab; 3 credits.* This course places emphasis on conversational skills as well as reading, writing, and composition skills. It includes analyses of the history, culture, and literature of this linguistic group. **Prerequisite:** SWAL 102 or SWAL 105 or two to three years or levels of Swahili in high school. (OFFERED AS NEEDED).

SWAL 204 INTERMEDIATE SWAHILI II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of SWAL 203. **Prerequisite:** SWAL 203 or three to four years or levels of Swahili in high school. (OFFERED AS NEEDED.

SWAL 206 INTENSIVE INTERMEDIATE SWAHILI—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of SWAL 203-204 in one semester. **Prerequisite**: SWAL 102 or SWAL 105 or two to three years or levels of Swahili in high school. (OFFERED AS NEEDED).

WOLO 101 ELEMENTARY WOLOF I—*Three hours lecture, one hour lab; 3 credits.* This course introduces students to one of the two major languages of the African continent. Emphasis is placed on conversational skills as well as reading and writing skills. Cultural aspects of this linguistic group are also discussed. **Prerequisite**: No previous Wolof study or one year or level of Wolof in high school. (FALL).

WOLO 102 ELEMENTARY WOLOF II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of WOLO 101. **Prerequisite**: WOLO 101 or one to two years or levels of Wolof in high school. (SPRING).

WOLO 105 INTENSIVE WOLOF—*Six hours lecture, two hour labs; 6 credits.* This is an intensive course covering the material of WOLO 101-102 in one semester. **Prerequisite**: No previous Wolof study or one year or level of Wolof in high school. (SUMMER).

WOLO 203 INTERMEDIATE WOLOF I—*Three hours lecture, one hour lab; 3 credits.* This is a review of grammar and conversational skills and further development of conversational skills as well as reading, writing and composition skills. Analyses of the history, culture, and literature of this linguistic group are also included. **Prerequisite**: WOLO 102 or WOLO 105 or two to three years or levels of Wolof in high school. (FALL).

WOLO 204 INTERMEDIATE WOLOF II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of WOLO 203. **Prerequisite**: WOLO 203 or three to four years or levels of Wolof in high school. (SPRING).

WOLO 206 INTENSIVE WOLOF—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of WOLO 203-204 in one semester. **Prerequisite**: WOLO 102 or WOLO 105 or two to three years or levels of Wolof in high school. (SUMMER).

ARABIC

ARAB 101 ELEMENTARY ARABIC I—*Three hours lecture, one hour lab; 3 credits.* The course emphasizes grammar, pronunciation, aural-oral comprehension. **Prerequisite**: No previous Arabic study or one year or level of Arabic in high school. (FALL).

ARAB 102 ELEMENTARY ARABIC II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of ARAB 101. **Prerequisite**: ARAB 101 or one to two years or levels of Arabic in high school. (SPRING).

ARAB 105 INTENSIVE ELEMENTARY ARABIC—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of ARAB 101-102 in one semester. **Prerequisite**: No previous Arabic study or one year or level of Arabic in high school. ().
OFFERED AS NEEDED)

ARAB 203 INTERMEDIATE ARABIC I—*Three hours lecture, one hour lab; 3 credits.* This is a review of grammar, pronunciation and composition, with graded readings and further development of aural-oral proficiency. **Prerequisite**: ARAB 102 or two to three years or levels of Arabic in high school. (OFFERED AS NEEDED).

ARAB 204 INTERMEDIATE ARABIC II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of ARAB 203. **Prerequisite**: ARAB 203 or three to four years or levels of Arabic in high

school. (OFFERED AS NEEDED).

ARAB 206 INTENSIVE INTERMEDIATE ARABIC—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of ARAB 203-204 in one semester. **Prerequisite**: ARAB 102 or two to three years or levels of Arabic in high school. (OFFERED AS NEEDED).

CHINESE

CHIN 101 ELEMENTARY CHINESE I—*Three hours lecture, one hour lab; 3 credits.* This course introduces students to one of the major Asian languages, Mandarin Chinese. It places emphasis on conversational skills as well as reading and writing skills. It will also discuss cultural aspects of this linguistic group. **Prerequisite**: No previous Chinese study or one year or level of Chinese in high school. (FALL).

CHIN 102 ELEMENTARY CHINESE II—*Three hours lecture, one hour lab; 3 credits.* This course is a continuation of CHIN 101. **Prerequisite**: CHIN 101 or one to two years or levels of Mandarin Chinese in high school. (SPRING).

CHIN 203 INTERMEDIATE CHINESE I—*Three hours lecture, one hour lab; 3 credits.* This course is a review of grammar, pronunciation, and composition, with graded readings. It provides further development in aural-oral proficiency. **Prerequisite:** CHIN 102 or two to three years or levels of Chinese in high school. OFFERED AS NEEDED).

CHIN 204 INTERMEDIATE CHINESE II—*Three hours lecture, one hour lab; 3 credits.* This course is a continuation of CHIN 203. **Prerequisite:** CHIN 203 or three to four years or levels of Chinese in high school. (OFFERED AS NEEDED).

FRENCH

FREN 101 ELEMENTARY FRENCH I—*Three hours lecture, one hour lab; 3 credits.* This course focuses on grammar, pronunciation, aural-oral comprehension. **Prerequisite**: No previous French study or one year or level of French in high school. (FALL/SPRING).

FREN 102 ELEMENTARY FRENCH II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of FREN 101. **Prerequisite:** FREN 101 or one to two years or levels of French in high school. (FALL/SPRING).

FREN 105 INTENSIVE ELEMENTARY FRENCH—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of FREN 101-102 in one semester. **Prerequisite**: No previous French study or one year or level of French in high school. (OFFERED AS NEEDED).

FREN 203 INTERMEDIATE FRENCH I—*Three hours lecture, one hour lab; 3 credits.* This is a review of grammar, pronunciation and composition, with graded readings and further development of aural-oral proficiency. **Prerequisite:** FREN 102 or two to three years or levels of French in high school. (FALL).

FREN 204 INTERMEDIATE FRENCH II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of FREN 203. **Prerequisite:** FREN 203 or three to four years or levels of French in high school. (FALL).

FREN 206 INTENSIVE INTERMEDIATE FRENCH—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of FREN 203-204 in one semester. **Prerequisite:** FREN 102 or two to three years or levels of French in high school. (OFFERED AS NEEDED).

FREN 207 SPECIAL TOPICS IN FRENCH I— *Three hours lecture, one hour lab, 3 credits.* This course will focus on the study of selected topics or current issues. It will provide students an opportunity to explore various topics in greater detail dealing with French and the Francophone world. Students will be exposed to, and practice, vocabulary and content likely to be used in business, music, fine arts, communications, and the professions. Specific focus will be on understanding, speaking, reading and writing about cultural, social, literary, and economic trends in France and Francophone countries. Course content varies and will be announced in the schedule of classes. **Prerequisite:** FREN 102 or two to three years or levels of French in high school. (OFFERED AS NEEDED).

FREN 208 SPECIAL TOPICS IN FRENCH II— *Three hours lecture, one hour lab, 3 credits.* This course is a continuation of FREN 207**. Prerequisite:** FREN 203, or 207 or three or more years or levels of French in high school (OFFERED AS NEEDED)

FREN 307 BUSINESS FRENCH—*Three hours lecture, one hour lab; 3 credits.* This is a course designed for students who wish to become acquainted with the language of business in French. Business terminology, basic letter reading and writing are introduced and developed. **Prerequisite**: FREN 204 or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 311 ADVANCED FRENCH CONVERSATION AND COMPOSITION I—*Three hours lecture, one hour lab; 3 credits.* This course provides development of fluency and grammatical accuracy in speaking French. It requires writing of original compositions with stress on advanced grammar analysis and use of idiomatic expressions. **Prerequisite:** FREN 204 or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 312 ADVANCED FRENCH CONVERSATION AND COMPOSITION II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of FREN 311. **Prerequisite:** FREN 204 or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 315 SURVEY OF FRENCH LITERATURE I—*Three hours lecture; 3 credits.* This is a general survey of French literature from its beginning to 1700. **Prerequisite:** FREN 204, or four or more years of French in high school. (OFFERED AS NEEDED).

FREN 316 SURVEY OF FRENCH LITERATURE II--*Three hours lecture; 3 credits.* This is a general survey of French literature from 1700 to the present time. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 317 FRENCH CIVILIZATION I—*Three hours lecture; 3 credits.* This is a comprehensive study of the origin and development of France as a great nation through the seventeenth century. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 318 FRENCH CIVILIZATION II—*Three hours lecture; 3 credits.* This course traces the cultural development of France from the eighteenth century to the present. **Prerequisite**: FREN 204 or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 320 BLACK WRITERS OF FRENCH EXPRESSION—*Three hours lecture; 3 credits*. This course examines Black Francophone literature from its origins in Africa and the Caribbean. Among the writers studied are Senghor, Césaire, Camara Laye, and Ousmane Sembène. **Prerequisite**: FREN 204, or four or more years of French in high school. (OFFERED AS NEEDED).

FREN 321 WOMEN WRITERS OF FRANCOPHONE AFRICA–*Three hours lecture; 3 credits*. This course seeks to provide students with an opportunity to study the literature of women of Francophone Africa in the original language of publication. This course will examine the ways in which women writers of Francophone Africa use their literature to con- front and wrestle with the problems that face them in the post- independence era. This course is taught in conjunction with SPAN 321. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 322 FRANCOPHONE CARIBBEAN LITER- ATURE—*Three hours; 3 credits*. This course will provide students the opportunity to explore the literature of the Francophone Caribbean. Students will become familiar with such concepts as Négritude and Créolité and will explore the issues of race, class and gender in the context of the Francophone Caribbean. Authors studied will include Césaire, Roumain, Condé and Chamoiseau. **Prerequisite:** FREN 204, or four or more levels of French in high school. *When this course is cross-listed as a LACS course, there will be no prerequisite and this course will be taught in English, with the readings and assignments in French for students earning French credit.* (OFFERED AS NEEDED).

FREN 401 SENIOR SEMINAR—*Three hours lecture; 3 credits*. This course focuses on independent research problems and a detailed study of the principal phases of French literature, language and culture. **Prerequisite**: Senior standing or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 403 CLASSICAL FRENCH LITERATURE—*Three hours lecture; 3 credits.* This course examines the emergence and growth of the classical ideal in French literature during the seventeenth century. The works of Descartes, Pascal, Madame de Lafayette, Boileau, La Fontaine, and

others are studied. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 404 CLASSICAL FRENCH THEATRE
—*Three hours lecture; 3 credits.* This course examines the plays of Corneille, Racine, and Molière. **Pre- requisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 405 EIGHTEENTH-CENTURY FRENCH LITERATURE I—*Three hours lecture; 3 credits.* This course traces the development of the philosophical and scientific movements; including the study of Montesquieu, Voltaire, and others. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED)

FREN 406 EIGHTEENTH-CENTURY FRENCH LITERATURE II—*Three hours lecture; 3 credits.* This course examines the further development of the fundamental attitudes and ideas of the eighteenth century as reflected in the works of Diderot, Rousseau, and others. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 407 FRENCH ROMANTICISM—*Three hours lecture; 3 credits.* This course provides an analysis of the texts and literary theories of the great romanticists, including Lamartine, Vigny, Hugo, Musset, Stendahl, and Balzac. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 408 FRENCH REALISM, NATURALISM, AND SYMBOLISM—*Three hours lecture; 3 credits.* This course provides an analysis of the texts and literary theories of Flaubert, Maupassant, Zola, Daudet, and the symbolists. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 409 CONTEMPORARY FRENCH THEATRE—*Three hours lecture; 3 credits.* This is a critical study of representative plays from the end of the nineteenth century to the present, including the dramatic works of Rostand, Claudel, Cocteau, Giraudoux, Montherlant, Sartre, Anouilh, and others. **Pre- requisite:** FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 410 CONTEMPORARY FRENCH NOVEL—*Three hours lecture; 3 credits.* This course is an analysis of the texts and literary theories of Proust, Gide, Mauriac, Malraux, Camus, and others. **Prerequisite:** FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 411 ADVANCED FRENCH SYNTAX AND STYLISTICS I—*Three hours lecture; 3 credits.* This is a systematic and thorough review of advanced French grammar, with stress on difficult points of syntax, analysis of stylistics and emphasis on spoken and written language. **Prerequisite**: FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 412 ADVANCED FRENCH SYNTAX AND STYLISTICS II—*Three hours lecture; 3 credits.* This is a continuation of FREN 411. **Prerequisite:** FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 413 FRANCOPHONE AFRICAN SOCIETY THROUGH FILM AND LITERATURE–*Three hours lecture; 3 credits.* This course is an introduction to the history, culture, and politics of Francophone Africa through film and literature from the colonial period to the era of post-independence. This course is taught in English. **Prerequisite:** FREN 204, or four or more levels of French in high school. *When this course is cross-listed as a LACS course, there will be no pre- requisite and this course will be taught in English, with the readings and assignments in French for students earning French credit.* (OFFERED AS NEEDED).

FREN 420 TRANSLATING AND INTERPRETING FRENCH I—*Three hours; 3 credits.* This course is de- signed to develop advanced skills through training in translation and interpretation. Students translate French texts from different fields with emphasis on grammar and literary quality. They also practice translation from English into French. **Prerequisite:** FREN 204, or four or more years or levels of French in high school. (OFFERED AS NEEDED).

FREN 421 TRANSLATING AND INTERPRETING FRENCH II—*Three hours; 3 credits.* This is a continuation of French 420. **Prerequisite**: FREN 204, or four or more years or

levels of French in high school. (OFFERED AS NEEDED).

FREN 450 SPECIAL TOPICS IN FRENCH— *Three hours; 3 credits.* This course explores special advanced topics in French or Francophone culture, language or literature. Topics will vary. (OFFERED AS NEEDED).

FREN 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmen tal Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

FREN 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP— *Nine hours per week; 3 credits.* This course provides the opportunity for the student to attain firsthand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

GERMAN

GERM 101 ELEMENTARY GERMAN I—*Three hours lecture, one hour lab; 3 credits.* This course pro- vides instruction in grammar, pronunciation, and aural-oral comprehension. **Prerequisite:** No previous German study or one year or level of German in high school. (FALL).

GERM 102 ELEMENTARY GERMAN II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of GERM 101. **Prerequisite:** GERM 101 or one to two years or levels of German in high school. (SPRING).

GERM 105 INTENSIVE ELEMENTARY GERMAN—*Six hours lecture, two hours lab; 6 credits.* An intensive course covering the material of GERM 101-102 in one semester. **Prerequisite:** No previous German study or one year or level of German in high school. (OFFERED AS NEEDED).

GERM 203 INTERMEDIATE GERMAN I— *Three hours lecture, one hour lab; 3 credits.* This course is a re view of grammar, pronunciation and composition, with graded readings. It provides further development of aural-oral proficiency. **Prerequisite:** GERM 102 or two to three years or levels of German in high school. (). OFFERED AS NEEDED)

GERM 204 INTERMEDIATE GERMAN II— *Three hours lecture, one hour lab; 3 credits.* This is a continuation of GERM 203. **Prerequisite:** GERM 203 or three to four years or levels of German in high school. (OFFERED AS NEEDED).

GERM 206 INTENSIVE INTERMEDIATE GERMAN—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of GERM 203-204 in one semester. **Prerequisite:** GERM 102 or two to three years or levels of German in high school. (OFFERED AS NEEDED).

GERM 307 BUSINESS GERMAN—*Three hours lecture, one hour lab; 3 credits.* This is a course designed for students who wish to become acquainted with the language of business in German. Business terminology, basic letter reading and writing are introduced and developed. **Prerequisite:** GERM 204 or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 311 ADVANCED GERMAN CONVERSATION AND COMPOSITION I— *Three hours lecture, one hour lab; 3 credits.* This course provides development of fluency and grammatical accuracy in speaking German, as well as writing of original compositions with stress on advanced grammar analysis and use of idiomatic expressions. **Prerequisite:** GERM 204 or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 312 ADVANCED GERMAN CONVERSATION AND COMPOSITION II— *Three hours lecture, one hour lab; 3 credits.* This is a continuation of GERM 311. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 315 SURVEY OF GERMAN LITERATURE I—*Three hours; 3 credits.* This course is a general survey of German literary masterpieces from the Old High German Period up through Goethe and Schiller. **Prerequisite:** GERM

204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 316 SURVEY OF GERMAN LITERATURE II—*Three hours; 3 credits.* This course is a general survey of German literature from the Romantic period through the present time. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 317 GERMAN CIVILIZATION I—*Three hours; 3 credits.* This course is a comprehensive study of the origin and development of the German nation and of its cultural role in human history up to the Reformation. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 318 GERMAN CIVILIZATION II—*Three hours; 3 credits.* This course traces the development of Germany from the Reformation to the present. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 411 ADVANCED GERMAN SYNTAX AND STYLISTICS I—*Three hours; 3 credits.* This course is a systematic and thorough review of advanced German grammar. It stresses difficult points of syntax and analysis of stylistics. Its emphasis is on spoken and written language. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 412 ADVANCED GERMAN SYNTAX AND STYLISTICS II—*Three hours; 3 credits.* This is a continuation of GERM 411. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 420 TRANSLATING AND INTERPRETING GERMAN I—*Three hours; 3 credits.* This course is designed to develop advanced skills through training in translation and interpretation. Students translate German texts from different fields with emphasis on grammar and literary quality. They also practice translation from English into German. **Prerequisite:** GERM 204 or four or more years of German in high school. (OFFERED AS NEEDED).

GERM 421 TRANSLATING AND INTERPRETING GERMAN II—*Three hours; 3 credits.* This is a continuation of GERM 420. **Prerequisite:** GERM 204, or four or more years or levels of German in high school. (OFFERED AS NEEDED).

GERM 450 SPECIAL TOPICS IN GERMAN—*Three hours; 3 credits.* This course explores special advanced topics in German culture, literature or language. Topics will vary. **Prerequisite:** GERM 204 or four or more years or levels of German in high school. (OFFERED AS NEEDED).

HINDI

HIND 101 ELEMENTARY HINDI I—*Three hours lecture, one hour lab; 3 credits.* This course introduces students to the study of Hindi language and culture. It places emphasis on conversational skills as well as reading and writing skills. The course also provides students with cultural information about the people whose language they learn. **Prerequisite**: No previous study of the language or one year or level of the language in high school. (OFFERED AS NEEDED).

HIND 102 ELEMENTARY HINDI II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of HIND 101. **Prerequisite: HIND 101** or one to two years or levels of the language in high school. (OFFERED AS NEEDED.)

JAPANESE

JPNS 101 ELEMENTARY JAPANESE I—*Three hours lecture, one hour lab; 3 credits.* This course covers grammar, pronunciation, and aural-oral comprehension. **Prerequisite:** No previous Japanese study or one year or level of Japanese in high school. (FALL)

JPNS 102 ELEMENTARY JAPANESE II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of JPNS 101. **Prerequisite:** JPNS 101 or one to two years or levels of Japanese in high school. (SPRING).

JPNS 105 INTENSIVE ELEMENTARY JAPANESE—*Six hours lecture, two hour lab; 6 credits.* This is intensive course covering the material of JPNS 101-102 in one semester. **Prerequisite:** No previous Japanese study or one year or level of Japanese in high school. ().

JPNS 203 INTERMEDIATE JAPANESE I—*Three hours lecture, one hour lab; 3 credits.* This course provides a review of grammar, pronunciation and composition, with graded readings. It also provides further development of aural-oral proficiency.

Prerequisite: JPNS 102 or two to three years or levels of Japanese in high school. (FALL).

JPNS 204 INTERMEDIATE JAPANESE II— *Three hours lecture, one hour lab; 3 credits.* This course is a continuation of JPNS 203. **Prerequisite:** JPNS 203 or three to four years or levels of Japanese in high school. (SPRING).

JPNS 206 INTENSIVE INTERMEDIATE JAPANESE—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of JPNS 203-204 in one semester. **Prerequisite:** JPNS 102 or two to three years or levels of Japanese in high school. (OFFERED AS NEEDED).

KOREAN

KORE 101 ELEMENTARY KOREAN I—*Three hours lecture, one hour lab; 3 credits.* This course introduces students to beginning level Korean, including the basic structures and *hangul* (Korean script). It places emphasis on listening, speaking, reading and writing. **Prerequisite:** No previous Korean study or one year or level of Korean in high school. (FALL).

KORE 102 ELEMENTARY KOREAN II—*Three hours lecture, one hour lab; 3 credits.* This course is a continuation of KORE 101. **Prerequisite:** KORE 101 or one to two years or levels of Korean in high school. (SPRING).

KORE 203 INTERMEDIATE KOREAN I—*Three hours lecture, one hour lab; 3 credits.* This course is a review of grammar, pronunciation and composition, with graded readings and *hangul* (Korean script). It provides further development in aural-oral proficiency. **Prerequisite:** KORE 102 or two to three years or levels of Korean. (FALL).

KORE 204 INTERMEDIATE KOREAN II— *Three hours lecture, one hour lab; 3 credits.* This course is a continuation of KORE 203. **Prerequisite:** KORE 203 or three to four years or levels of Korean in high school. (SPRING).

LATIN

LATN 101 ELEMENTARY LATIN I—*Three hours lecture, one hour lab; 3 credits.* This is a course designed to give a foundation in the grammar and an elementary reading knowledge of the Latin language. **Prerequisite:** No previous Latin study or one year or level of Latin in high school. (FALL).

LATN 102 ELEMENTARY LATIN II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of LATN 101. **Prerequisite:** LATN 101 or one to two years or levels of Latin in high school. (SPRING).

LATN 203 INTERMEDIATE L ATIN I—*Three hours lecture, one hour lab; 3 credits.* Latin 203 is a continuation of Latin 102 and presupposes knowledge of the material covered in both Latin 101 and 102. It is a course that, along with Latin 204, covers the rest of the grammar of the Latin language plus reading and translation exercises preparatory to the study of Latin language literature. **Prerequisite:** LATN 102 or two or three years or levels of Latin in high school. (OFFERED AS NEEDED).

LATN 204 INTERMEDIATE LATIN II—*Three hours lecture, one hour lab; 3 credits.* Latin 204 is a continuation of Latin 203 and presupposes knowledge of the material covered in Latin 101, 102 and 203. It covers the remainder of Latin grammar plus practice exercises and some reading of Latin writings. **Prerequisite:** LATN 203 or three to four years or levels of Latin in high school. (OFFERED AS NEEDED).

PORTUGUESE

PORT 101 ELEMENTARY PORTUGUESE I— *Three hours lecture, one hour lab; 3 credits.* This course covers grammar, pronunciation, and aural-oral comprehension. **Prerequisite:** No previous Portuguese study, or one year or level of Portuguese in high school. (FALL/SPRING).

PORT 102 ELEMENTARY PORTUGUESE II— *Three hours lecture, one hour lab; 3 credits.* This is a continuation of PORT 101. **Prerequisite:** PORT 101 or one to two years or levels of Portuguese in high school (FALL/SPRING).

PORT 105 INTENSIVE ELEMENTARY PORTUGESE—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering material of PORT 101-102 in one semester. **Prerequisite:** No previous Portuguese study, or one year or level of Portuguese in high school. (OFFERED AS NEEDED).

PORT 203 INTERMEDIATE PORTUGUESE I — *Three hours lecture, one hour lab; 3 credits.* This

course is a review of grammar, pronunciation, and composition, with graded readings. It provides further development of aural-oral proficiency. **Prerequisite:** PORT 102 or two to three years or levels of Portuguese in high school. (OFFERED AS NEEDED).

PORT 204 INTERMEDIATE PORTUGUESE II— *Three hours lecture, one hour lab; 3 credits.* This is a continuation of PORT 203. **Prerequisite:** PORT 203 or three to four years or levels of Portuguese in high school. (OFFERED AS NEEDED).

PORT 206 INTENSIVE INTERMEDIATE PORTUGESE—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering material of PORT 203-204 in one semester. **Prerequisite:** PORT 102 or two to three years or levels of Portuguese in high school. (OFFERED AS NEEDED).

PORT 207: BRAZILIAN CINEMA—*Three hours lecture; 3 credits.* This course focuses on Brazilian films from the late 1950s to the present with a special focus on the relationship between cinema, society, history, as well as social changes in Brazil. The films and documentaries encompass the period from the rise of New Cinema (*Cinema Novo*) up to films exploring the most recent trends, including movies launched up to the present. It analyzes films with the context of cinematic Neo-Realism, Latin American Cinema, and universal cinema values. This course introduces elements of writing about film. **No prerequisite. (**OFFERED AS NEEDED)

SPANISH

SPAN 101 ELEMENTARY SPANISH I—*Three hours lecture, one hour lab; 3 credits.* This course covers grammar, pronunciation, and aural-oral comprehension. **Prerequisite:** No previous Spanish study, or one year or level of Spanish in high school. (FALL/SPRING).

SPAN 102 ELEMENTARY SPANISH II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of SPAN 101. **Prerequisite:** SPAN 101 or one to two years or levels of Spanish in high school**.** (FALL/SPRING).

SPAN 105 INTENSIVE ELEMENTARY SPANISH— *Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of SPAN 101-102 in one semester. **Prerequisite:** No previous Spanish study or one year or level of Spanish in high school. (OFFERED AS NEEDED).

SPAN 203 INTERMEDIATE SPANISH I—*Three hours lecture, one hour lab; 3 credits.* This course is a review of grammar, pronunciation and composition, with graded readings. It provides further development of aural-oral proficiency. **Prerequisite:** SPAN 102 or two to three years or levels of Spanish in high school. (FALL/SPRING).

SPAN 204 INTERMEDIATE SPANISH II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of SPAN 203. **Prerequisite:** SPAN 203 or three to four years or levels of Spanish in high school. (FALL/ SPRING).

SPAN 206 INTENSIVE INTERMEDIATE SPANISH—*Six hours lecture, two hours lab; 6 credits.* This is an intensive course covering the material of SPAN 203-204 in one semester. **Prerequisite:** SPAN102or two to three years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 207 SPECIAL TOPICS IN SPANISH I— *Three hours lecture, one hour lab, 3 credits.* This course will focus on the study of selected topics or current issues. It will provide students an opportunity to explore various topics in greater detail. Students will be exposed to, and practice, vocabulary and content likely to be used in business, music, fine arts, communications, and the professions. Specific focus will be on understanding, speaking, reading and writing about cultural, social, literary, and economic trends in Hispanic culture and societies. Course content varies and will be announced in the schedule of classes. **Prerequisite:** SPAN 102 or two to three years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 208 SPECIAL TOPICS IN SPANISH II— *Three hours lecture, one hour lab, 3 credits.* This course is a continuation of SPAN 207. **Prerequisite:** SPAN 207. (OFFERED AS NEEDED).

SPAN 305 LATIN-AMERICAN LITERATURE I— *Three hours; 3 credits.* This course is a survey of Latin- American literature from its origin to Ricardo Palma of Peru. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 306 LATIN-AMERICAN LITERATURE II —*Three hours; 3 credits.* This course is a survey of Latin- American literature from Manuel Gutierrez to the

present. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 307 BUSINESS SPANISH—*Three hours lecture, one hour lab; 3 credits.* This is a course designed for students who wish to become acquainted with the language of business in Spanish. Business terminology, basic letter reading and writing are introduced and developed. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 311 ADVANCED SPANISH CONVERSATION AND COMPOSITION I—*Three hours lecture, one hour lab; 3 credits.* This course covers development of fluency and grammatical accuracy in speaking Spanish, as well as writing of original compositions, with stress on advanced grammar analysis and use of idiomatic expressions. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (FALL).

SPAN 312 ADVANCED SPANISH CONVERSATION AND COMPOSITION II—*Three hours lecture, one hour lab; 3 credits.* This is a continuation of SPAN 311. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (SPRING).

SPAN 313 HISPANIC FOLKLORE AND LITERATURE FOR CHILDREN—*Three hours lecture; 3 credits.* This course acquaints students with Hispanic, African, and Latin-American customs, beliefs, and traditions through proverbs, songs, riddles, and stories. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 315 SURVEY OF SPANISH LITERATURE I—*Three hours lecture; 3 credits.* This course is a general survey of Spanish literature from its beginning to 1700. **Prerequisite**: SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 316 SURVEY OF SPANISH LITERATURE II—*Three hours lecture; 3 credits.* This course is a general survey of Spanish literature from 1700 to the present time. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 317 SPANISH CIVILIZATION I—*Three hours lecture; 3 credits.* This course provides a comprehensive study of the origin and development of the Spanish nation and of its cultural role in human history up to 1700. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 318 SPANISH CIVILIZATION II—*Three hours lecture; 3 credits.* This course traces the development of Spain from 1700 to the present, including emphasis on the Hispanic culture outside of Spain. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 320 BLACK WRITERS OF SPANISH EXPRESSION—*Three hours lecture; 3 credits*. This course is an analysis and interpretation of the literature of the Caribbean, mainland Spanish America, and Africa which expresses the Black or African experience. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 321 WOMEN WRITERS OF HISPANIC AFRICA–*Three hours lecture; 3 credits.* This course seeks to provide students with an opportunity to study the literature of women of Hispanic Africa in the original language of publication. This course will examine the ways in which women writers of Hispanic Africa use their literature to confront and wrestle with the problems that face them in the post-independence era. This course is taught in conjunction with FREN 321. **Pre- requisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 322 CAREER SPANISH FOR THE SERVICE PROFESSIONS I—*Three hours lecture, one hour lab; 3 credits.* This course offers specialized Spanish which pre- pares students who are in training to become professionals in social work, mental health, psychology, urban affairs and related fields to relate and communicate effectively with the Spanish-speaking community. **Pre- requisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 323 CAREER SPANISH FOR THE SERVICE PROFESSIONS II—*Three hours lecture, one hour lab; 3 credits.* This course provides field experience through social service agencies, both public and private, which deal with the Spanish-speaking community. **Prerequisite:** SPAN 204, or

four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 401 SENIOR SEMINAR—*Three hours lecture; 3 credits.* The course focuses on independent research problems and a detailed review of the principal phases of Spanish literature, language, and culture. **Prerequisite:** Senior standing, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 403 SPANISH LITERATURE OF THE RENAISSANCE AND THE BAROQUE—*Three hours lecture; 3 credits*. This is a study of "La Celestina," "Lazarillo de Tormes," and other picaresque novels, with attention directed to the social, religious, economic, and political ideas that are reflected in these works. **Prerequisite**: SPAN 204, or four or more years of Spanish in high school. (OFFERED AS NEEDED).

SPAN 404 CERVANTES—*Three hours lecture; 3 credits.* This course covers the life and works of Cervantes with particular emphasis on "Don Quixote" and "Las Novelas Ejemplares." **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 405 GOLDEN AGE LITERATURE: THE DRAMA—*Three hours lecture; 3 credits.* This course is a study of the chief Spanish dramatists of the seventeenth century with readings of representative plays of the period. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 406 SPANISH ROMANTICISM AND COS-TUMBRISMO—*Three hours lecture; 3 credits.* This course examines the origins, development, opposing forces, and various manifestations of the Romantic movement during the first half of the nineteenth century. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 407 LITERATURE OF THE NINETEENTH CENTURY I—*Three hours lecture; 3 credits.* This course is a critical analysis and discussion of the most representative writers of the period with particular emphasis on the novelists. Typical authors are Galdós, Pereda, Valera, Pardo Bazán, Pérez de Ayala, and Benavente. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 408 LITERATURE OF THE NINETEENTH CENTURY II—*Three hours lecture; 3 credits.* This is a continuation of SPAN 407. **Prerequisite**: SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 409 LITERATURE OF THE TWENTIETH CENTURY I—*Three hours lecture; 3 credits.* Beginning with the generation of 1898, this course offers a study of the most representative writers of the present century, such as Unamuno, Ortega y Gasset, Azorín, J. R. Jiménez, Machado, García Lorca, R. Pérez de Ayala, etc. **Prerequisite**: SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 410 LITERATURE OF THE TWENTIETH CENTURY II—*Three hours lecture; 3 credits.* This is a continuation of SPAN 409. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 411 ADVANCED SPANISH SYNTAX AND STYLISTICS I—*Three hours lecture; 3 credits.* This course is a systematic and thorough review of advanced Spanish grammar. It stresses difficult points of syntax and analysis of stylistics. Its emphasis is on spoken and writ- ten language. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 412 ADVANCED SPANISH SYNTAX AND STYLISTICS II—*Three hours lecture; 3 credits.* This is a continuation of SPAN 411. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 413 LATIN AMERICAN SOCIETY THROUGH FILM AND LITERATURE— *Three hours lecture; 3 credits.* An introduction to the history, culture, and politics of Latin America through film and documentaries from the colonial period to the era of post-independence. The specific focus will be on the issues of race, gender, and class in different Latin American societies and countries. **No prerequisite.** SPAN 204, or four or more years or levels of Spanish in high school. *When this course is cross-listed as a*

LACS course, there will be no prerequisite and this course will be taught in English, with the readings and assignments in Spanish for students earning Spanish credit. (OFFERED AS NEEDED).

SPAN 420 TRANSLATING AND INTERPRETING SPANISH I—*Three hours lecture; 3 credits*. This course is designed to develop advanced skills through training in translation and interpretation. Students translate Spanish texts from different fields with emphasis on grammar and literary quality. They al- so practice translation from English into Spanish. **Prerequisite:** SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 421 TRANSLATING AND INTERPRETING SPANISH II—*Three hours lecture; 3 credits.* This is a continuation of SPAN 420. **Prerequisite**: SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 450 SPECIAL TOPICS IN SPANISH—*Three hours lecture; 3 credits.* This course explores special advanced topics in Spanish or Hispanic culture, literature or language. Topics will vary. **Prerequisite**: SPAN 204, or four or more years or levels of Spanish in high school. (OFFERED AS NEEDED).

SPAN 498 SENIOR INTERNSHIP—*Nine hours per week; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 2.2 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

SPAN 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP—*Nine hours per week;*
3 credits. This course provides the opportunity for the student to attain firsthand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (OFFERED AS NEEDED).

INTERNATIONAL STUDIES COURSE OFFERINGS

INST 111 GLOBAL ISSUES—*Three hours; 3 credits.* This course is a survey of contemporary global and regional issues. It gives special attention to problems in developing countries. (SPRING).

INST 401 SPECIAL TOPICS IN INTERNATIONAL STUDIES—*Three hours; 3 credits.* This is a seminar course for Juniors or Seniors. (OFFERED AS NEEDED).

INST 409 INDEPENDENT STUDY IN INTERNATIONAL STUDIES—*Three hours; 3 credits.* This course is independent research in International Studies, with the topic approved in advance by the Departmental Chairperson and the faculty member supervising the project. (OFFERED AS NEEDED).

INST 411 SURVEY SEMINAR IN AFRICAN ARCHAEOLOGY—*Four hours; 4 credits.* This course examines goals and selected techniques of archaeology as a science; Africa as the Paleontological cradle of human evolution and as a focus of Paleolithic and Neolithic civilizations; and archaeological approaches to African art.

SCHOOL OF GLOBAL JOURNALISM AND COMMUNICATION

DeWayne Wickham, Dean
Carl T. Hyden, Associate Dean
Rodney Carveth; Director of Graduate Studies

MISSION

"We wish to plead our own cause. Too long have others spoken for us"

When Samuel Cornish and John B. Russwurm wrote these words nearly two centuries ago in *Freedom's Journal*, this nation's first black newspaper, the voices they wanted to empower belonged to an enslaved people.

Today, the mission of Morgan State University's School of Global Journalism and Communication is to give voice to a broader group of people – people who struggle to contribute to the public discourse that shapes this nation and the world. We serve this cause with innovative teaching, cutting edge research and exemplary service to Maryland, our nation and the world.

Our goal is to add to the diversity of thoughts, opinions and beliefs by offering students from a wide range of backgrounds the liberal arts education and skills training they need to effectively communicate ideas – to plead their own causes, or to accurately tell the stories of others.

In our global school, students travel the world in their classes and assignments without leaving the campus. They also see the world through their interactions with our partner programs at universities in distant lands – and they are offered opportunities to travel abroad.

Great advances in technology have turned the world into a global village. The goal of our school is to make our graduates effective communicators in every way – and in every corner of this village.

DEGREE PROGRAMS

The School of Global Journalism and Communication offers three degree programs leading to the Bachelor of Science degree. Those programs are:

Multimedia Journalism
Multiplatform Production
Strategic Communication

Students will find specific requirements for these degree programs in the appropriate sections for the departments in the School of Global Journalism and Communication.

ADMISSION TO DEGREE PROGRAMS

Students who meet the admission requirements of the university are eligible for admission to degree programs in the School of Global Journalism and Communication. Unless specifically prohibited by university regulations, students should declare their majors as early as possible and should contact the appropriate department for further direction and academic advice.

RETENTION IN DEGREE PROGRAMS

In order to remain in good standing as majors in degree programs in the School of Global Journalism and Communication, students must meet the university's standards for satisfactory academic progress, as outlined under Academic Policies in the University's catalogue. When students are placed on probation by the university's standards or attain less than a 2.0 average in the major, they also are placed on probation in the major. Probationary students are limited in the number of credit hours they may pursue in a semester. They must repeat courses that are required for their majors if they have earned grades of D or F, and they may be required by the department to report more frequently for faculty advising and to limit the kinds of courses in which they enroll. Students who are dismissed from the University for unsatisfactory progress also are dismissed as degree candidates in their majors. Readmission to the university constitutes readmission as a degree candidate in the major.

ACADEMIC ADVISING

Academic advising is an important part of students' undergraduate educations. In the School of Global Journalism and Communication, students must regularly meet with their academic advisers as a requirement for retention in the major. The Academic and Career Advising Coordinator assigns students to faculty advisers after they are admitted as majors in one of the degree programs in the SGJC. Students are required to meet with their academic advisers a prescribed number of times per semester, depending on their classification and/or their academic standing.

REQUIREMENTS FOR GRADUATION

Students earning degrees in the School of Global Journalism and Communication must meet the

following graduation requirements:

(1) GENERAL EDUCATION REQUIREMENTS: In order to qualify for graduation, students must complete the courses outlined as "General Education Requirements" and "Requirements for Graduation" in the university catalog.

(2) MAJOR REQUIREMENTS: In order to qualify for graduation, students must complete the requirements specified in the programs in which they are majoring.

(3) REQUIRED AVERAGE: In order to qualify for graduation, students must have earned a cumulative average of 2.0 or better, must have a major average of 2.0 or better and must have no outstanding grades below "C" in the major (which includes all required and elective courses taken in the major and all required supporting courses).

(4) JUNIOR- AND SENIOR- LEVEL COURSES: In order to qualify for graduation, students must have taken two-thirds of all of their junior- and senior-level (300 and 400 level) requirements in the major at Morgan State University, and must complete their last thirty hours at the University, unless granted prior written permission by the Dean to take courses elsewhere.

SGJC-WIDE POLICIES

(1) INDEPENDENT STUDY: In the School of Global Journalism and Communication, a course shall not be taught by independent study if it is on the schedule for that semester. In addition, a course shall not be offered on an independent study basis to a student who has previously taken that course in the usual manner and who has not earned a passing grade, or if the course is in the student's major, a grade of "C" or better.

Independent study for a course will be authorized only when the regularity of its being offered does not permit students to complete program requirements in a timely fashion and only when the plan of study proposed for the independent study clearly does not compromise the knowledge and skills that students would attain when taking the course by regular attendance.

(2) TAKING COURSES AT OTHER INSTITUTIONS: Once students have been admitted to disciplines in the SGJC at Morgan State University, they may not take courses at other institutions for the purpose of transferring them to Morgan without prior written permission from the Dean of the School of Global Journalism and Communication. Once that permission has been given, students may transfer credits, but not grades, for those courses to Morgan. As a general rule, the School of Global Journalism and Communication does not grant permission for students to take a course at another institution if they have taken and failed the same course at Morgan, or if the course is in the student's major, a grade of "C" or better. In addition, it does not permit students to take courses at another institution if the same courses are being offered at Morgan during that semester or session.

(3) EXCESS CREDITS: The School of Global Journalism and Communication adheres strictly to the university policy concerning granting permission to take excess credits during any semester. It does not make exceptions for the purpose of enabling seniors to be graduated. The SGJC grants permission to pursue excess credits (maximum of three credits) only to students with cumulative averages of 3.0 or higher at Morgan.

(4) STATUTE OF LIMITATIONS ON TRANSFER EVALUATIONS: Transfer students admitted to a program in the School of Global Journalism and Communication must appeal the evaluation of their transfer credits within one (1) year of the date on which the transfer evaluation is issued to them. After that date, the evaluation becomes permanent, and it may not be challenged later for the purpose of meeting requirements for graduation.

(5) REPEATING COURSES TRANSFERRED TO THE UNIVERSITY: Students who repeat at Morgan courses for which they have been given transfer credit will automatically lose those corresponding transfer credits. Once the course has been taken at Morgan, it will not be expunged from the record.

(6) FAMILIARITY WITH ACADEMIC POLICIES: In the School of Global Journalism and Communication, students are held responsible for being knowledgeable of published policies and procedures at the university. Under no circumstances will ignorance of published policies and procedures be accepted as a reason for making exceptions to them.

Course Offerings:

The following courses are offered by the School of Global Journalism and Communication:

COURSE DESCRIPTIONS FOR CORE COURSES REQUIRED FOR ALL MAJORS IN THE SGJC

ORSJ 101- Freshman Orientation for School of Global Journalism & Communication Majors - *One hour; one credit* - This course introduces students to the expectations and demands of higher education, to the legacy and tradition of Morgan State University, to college survival strategies, to the academic requirements for the programs in the School of Global Journalism & Communication and to the array of career opportunities in the journalism, production and strategic communication fields. Students enrolled in this class are required to attend all University convocations and other prescribed extra-curricular activities. They are also required to hold conferences with their academic advisors in order to pass the course. Students transferring 24 or more credits to the University when admitted are exempted from this requirement. (FALL)

COMM 201 – Fundamentals of Writing for Multiplatform Journalism – *Three hours; 3 credits* – This course introduces students to writing in a professional environment and to the styles of writing for various mass media platforms. As a result, assignments will introduce the fundamentals of reporting and newsgathering and serve as an overview of basic journalistic writing and visual storytelling. This course must be taken in the same semester with COMM 202 – Introduction to Multiplatform Production. [Formerly COMM 102] **Prerequisites:** ENGL 101 and ENGL 102 passed with a grade of "C" or better. **Co-Requisite:** COMM 202 (FALL/SPRING)

COMM 202 – Introduction to Multiplatform Production *Three hours; 3 credits* – This course will introduce students to the skills they will need to produce multimedia, multiplatform packages for use in reporting stories and conducting communications campaigns. Students will learn the basics of camerawork, audio recording and editing for the various media. This course must be taken in the same semester with COMM 201 – Fundamentals of Writing for Multiplatform Journalism. **Prerequisites:** ENGL 101 and ENGL 102 passed
with a grade of "C" or better. **Co-Requisite:** COMM 201 (FALL/SPRING)

COMM 203 – Media Literacy in a Diverse World – *Three hours; 3 credits* - This course examines mass media and the social, economic and psychological roles and impacts that they have in different societies. Emphasis will be placed on how media shape perceptions about race, religion, gender, ability, sexual orientation, etc. Students will learn how media shape our perceptions about other nations and shape other nations' perceptions about us. Students will also learn the roles media play in helping to shape and reflect culture and the important roles that media consumers play in the mass communication process. [Formerly BROA 200/TELC 202] (FALL/SPRING)

COMM 204 –Information Gathering and Research – *Three hours; 3 credits* – This course focuses on information gathering and research for media professionals. Areas of focus include critical thinking, computer search tools, writing, editing, information use, language use, interviewing, research tools, library use, government documents (including Freedom of Information Requests), business documents, human sources, etc. The course prepares students to conduct research and to assess and use information in media-related decision making. Emphasis will also be given to the ethical collection, analysis and reporting of information discovered during the research process. [Formerly COMM 200] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

COMM 240 – Digital Media – *Three hours; 3 credits* – This course introduces the many ways digital media affect communication in a modern world. Students gain an understanding of the unique possibilities and limitations of digital media by learning the theories, techniques, technologies and methods of storytelling on traditional and multimedia platforms. The course will examine how storytellers adapt their stories, methods and technologies for communicating their experiences to the rest of the global society. **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

COMM 314 – Global Communication – *Three hours; 3 credits* - Competent global communication skills lie at the heart of career success. This course provides opportunities for students to develop 21st Century skills of communicating with aptitude and clarity across and between globally connected cultures. Particular emphasis is placed on navigating increasingly interconnected and diverse work contexts that make up our world today. [Formerly SPCH 314] (FALL/SPRING)

COMM 370 – Mass Communication Law & Ethics – *Three hours; 3 credits* – This course covers principles and case studies in communication law, constitutional guarantees, libel, privacy, contempt, privilege, copyright and government regulatory agencies in the United States and in other nations

around the world. Attention will focus on how law and the regulatory environments are similar to and different from those in the U.S. The course will also introduce students to concepts that will help them make the ethical decisions that are involved while working as journalism, strategic communication and media production professionals. **Prerequisites:** COMM 201, COMM 202, COMM 203 and COMM 204 with a grade of "C" or better. (FALL/SPRING)

COMM 497 – Senior Media Experience – *Six hours; 6 credits* – In this course, students will apply the skills they have learned in their practically-based courses and the theory and knowledge that have learned in their classroom-based courses. Students will choose the option that matches their major area. Students in the Department of Multimedia Journalism will choose the Digital Newsroom, students in the Department of Strategic Communication will choose The Strategy Shop and students in the Department of Multiplatform Production will choose the Broadcast and Print Media Unit (i.e. BEAR TV, WMUR-Radio, *The Spokesman* and *The Promethean*). [Formerly COMM 497] **Prerequisites:** Senior Status, Completion of all SGJC Core and Required Courses in the Major with a grade of "C" or better and Approval of Advisor. (FALL/SPRING)

THE DEPARTMENT OF MULTIMEDIA JOURNALISM

Chairperson of the Department: ASSOCIATE PROFESSOR JACQUELINE JONES
Associate Professors: E. R. SHIPP
Assistant Professors: KAREN HOUPPERT; PIA JORDAN; LAMONTE SUMMERS
Lecturers: DENISE CABRERA, MILTON KENT

The Bachelor of Science degree in Multimedia Journalism is designed to ensure that students are receiving the education, skills and experiences needed to be successful journalists in the 21st Century. Like real world journalism, this program requires that students learn to write and edit for traditional journalism media as well as for digital, online media. There is focus as well on the use of social media and other new technologies for reporting the news. In addition, like real world journalism, the program requires that students learn how to record and edit audio and video material for use across all the media platforms journalists are now using on the job.

As important as classroom instruction is, students need practical, hands-on experiences in as real world a setting as possible. They will get that experience through the Digital Newsroom, an on-campus, student-staffed and faculty-supervised news bureau. Students will develop or be assigned news stories, investigate those stories, write the stories and prepare multimedia packages that can be used across all the media.

Finally, because the world is interconnected in ways never dreamed possible in earlier decades, the major in Multimedia Journalism has an important global focus. That focus has two directions. First, students will learn about reporting on what is happening in different parts of the world in ways that recognize the diversity of the world's nations. At least as important, students will also learn how journalists in other nations view the United States and about how that is reflected in their reporting.

GOALS

The following are the broad educational goals for the major in Multimedia Journalism:

- to increase the numbers of highly trained professional journalists, especially from among minorities and urban dwellers,
- to provide students with a knowledge of journalism history and traditions and its role in a democratic societies,
- to provide students with global perspectives about journalism and journalistic practices in nations other than the United States,
- to provide students with an understanding of journalistic ethics and with basic media law, and
- to provide students with an understanding of, and with hands-on experiences with, field reporting and editing.

LEARNING OUTCOMES

The following are the learning outcomes expected for students in the Multimedia Journalism major.

- Students will be able, under deadline, to craft compelling, accurate and ethical news stories that adhere to styles appropriate to the media for which they are writing.
- Students will be able to communicate news in multiple formats, including through mobile

devices, social media and other new technologies.

- Students will be able to demonstrate proficiency in information gathering techniques, including the wide range of digital sources that are available.
- Students will be able to demonstrate proficiency in the various techniques of presenting news stories including, but not limited to, audio/video recording and editing, print media and digital media.

Requirements for the Major in Multimedia Journalism

The Bachelor of Science degree in Multimedia Journalism requires students to complete 54 credits in the major. These include 27 credits of core courses required of all students in the SGJC along with 12 credits of required courses in the major and 15 credits of major elective courses. In addition, students must complete all General Education and University Requirements. To ensure that all Multimedia Journalism students have the opportunity to gain a genuine global perspective, six credits of the same foreign language or courses focused on global culture are required. Finally, students must also complete 18 credits of free electives from *outside* the School of Global Journalism and Communication, which should be concentrated in a single discipline.

University General Education Requirements
40 credits
University Requirements
2 credits
Subtotal Credit Hours: 42 credits

Foreign Language/Global Culture Requirement -
6 credits
Subtotal Credit Hours: 48 credits

Out of Unit Free Electives
18 credits
Subtotal Credit Hours: 66 credits

School Required Core Courses
27 credits
Subtotal Credit Hours: 93 credits

COMM 201 – Fundamentals of Multiplatform Writing
COMM 202 – Introduction to Multiplatform Production
COMM 203 – Media Literacy in a Diverse World
COMM 204 – Information Gathering & Research
COMM 240 – Digital Media
COMM 314 – Global Communication
COMM 370 – Mass Communication Law & Ethics
COMM 497 – Senior Media Experience (6 credits)

Individual Department Required Courses
12 credits
Subtotal Credit Hours: 105 credits
MMJN 202 – Reporting and Writing I
MMJN 206 – Editing
MPPD 332 – Field Production and Reporting
MPPD 360 – On-Air Performance

Individual Department Electives
15 credits
Subtotal Credit Hours: 120 credits
(Students will choose 15 credits from among the 3-credit courses listed below.)
MMJN 200 – The Black Media
MMJN 302 – Reporting and Writing II
MMJN 304 – Interviewing
MMJN 305 Feature Writing
MMJN 312 – Arts and Cultural Reporting and Writing
MMJN 313 – Sports Reporting and Writing
MMJN 320 – Community-Based Journalism
MMJN 325 – Journalism About and In the Third World
MMJN 330 – Reporting and the Social Media
MMJN 406 – Advanced Editing
MMJN 409 – International Reporting and Writing
MMJN 414 – Business and Finance Reporting and Writing
MMJN 415 – Editorial and Critical Reporting and Writing
MMJN 416 – Health, Medical and Science Reporting and Writing
MMJN 417 – Political Reporting and Writing
MMJN 418 – Free Speech and Free Media in Global Societies
MMJN 419 – Investigative Reporting and Writing
MMJN 425 – Short Form Journalism and Media Production
MMJN 426 – Multimedia Storytelling
MMJN 427 – Mobile Journalism
MMJN 450 – Producing the Newscast
MMJN 498 – Special Topics
MPPD 310 – Writing for Interactive Media
MPPD 350 – Production Practicum
SCOM 300 – Communication and the Black Diaspora
COMM 490 – Internship

MULTIMEDIA JOURNALISM COURSE

OFFERINGS

MMJN 200 – The Black Media – *Three hours; 3 credits.* Viewing black media as exemplars of advocacy, alternative and citizen journalism, and viewing students as potential information entrepreneurs, this course examines the development of journalism from an African American perspective. Its span is from the founding of *Freedom's Journal* in the 19th century to the cornucopia of 21st century information outlets: newspapers, magazines, radio, television and the Internet. [Formerly JOUR 200] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MMJN 202 – Reporting and Writing I – *Three hours; 3 credits.* This course is designed to develop the basic writing and reporting techniques used in print, broadcast and online media, including developing news concepts and writing typical news stories. The course is writing intensive and takes place largely in the classroom. [Formerly JOUR 202 and JOUR 203] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MMJN 206 – Editing – *Three hours; 3 credits.* This class will instruct students in the basics of Associated Press style and the elements of proofreading and fact-checking. Copy editing symbols and the ethics of editing will be areas of particular emphasis. [Formerly JOUR 206] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MMJN 302 – Reporting and Writing II – *Three hours; 3 credits.* This course is designed to develop more advanced writing and reporting techniques used in print, broadcast and online media. The classroom will function as newsroom, with students going out on assignment to develop and cover stories on the campus and local areas. The course is writing intensive. [Formerly JOUR 302 and JOUR 303] **Prerequisites:** COMM 201, COMM 202 and MMJN 202 with a grade of "C" or better. (FALL/SPRING)

MMJN 304 – Interviewing – *Three hours; 3 credits.* This course focuses on the craft of interviewing as a central journalistic skill. Working in a variety of formats (e.g. vox pop, press conferences and one-on-one interviews for in-depth profiles), students will engage in all phases of the process. This includes research, planning and preparation, strategic approaches, reporting and writing to produce content for traditional media and the Internet. **Prerequisites:** COMM 201, COMM 202 and MMJN 202 with a grade of "C" or better. (FALL)

MMJN 305 – Feature Writing – *Three hours; 3 credits.* The course emphasizes the writing and marketing of longer, factually based feature articles for magazines, newspapers and online media. Included are finding subjects, securing photographs, writing the articles and surveying markets. [Formerly JOUR 305] **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (SPRING)

MMJN 312 – Arts and Cultural Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to cover arts and cultural issues, including architecture, the visual and performing arts, literature and more. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 313 – Sports Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to cover professional, amateur and recreational sports activities, including using sources, interviewing sports personalities and more. Emphasis is placed on writing for general audiences. [Formerly JOUR 313] **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 320 – Community-Based Journalism – *Three hours; 3 credits.* This course focuses on uncovering, reporting on and contextualizing news at the local level, emphasizing what matters most to people on a daily basis. This means that students will spend a considerable amount of time outside the classroom, developing non-official yet influential sources for informative and empowering stories for print, broadcast and the Internet. **Prerequisites:** COMM 201, COMM 202 and MMJN 202 with a grade of "C" or better. (SPRING)

MMJN 325 – Journalism In and About Developing Nations – *Three hours; 3 credits.* This course develops and surveys the specialized writing and reporting skills needed to cover issues in and about outsised the U.S., especially in Africa, the Caribbean and Latin America. Analysis of media operations under varying governmental and cultural ideologies will also be examined. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (FALL)

MMJN 330 – Reporting and the Social Media – *Three hours; 3 credits.* This course is designed to provide students with an understanding of how social

media tools relate to the practice of modern journalism, as well as the impact of the social media on societies and what happens in them, including how social media tools have been used in recent years to bring world attention to events happening in repressive societies around the world. The course will balance academic considerations and practical applications, incorporating the use of social media as relevant tools to the practice of journalism. This course will help foster the skill of applying the core principles and practices of journalism to social media in productive, creative, intelligent and ethical ways. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (SPRING)

MMJN 406 – Advanced Editing – *Three hours; 3 credits.* The course builds on the skills developed in JOUR 206 and extends those skills in more advanced assignments. [Formerly JOUR 406] **Prerequisites:** COMM 201, COMM 202, COMM 204, MMJN 202 and MMJN 206 with a grade of "C" or better. (SPRING)

MMJN 409 – International Reporting and Writing – *Three hours; 3 credits*. The course develops the specialized writing and reporting skills needed to cover international news and issues. Emphasis is placed on understanding and communicating with other cultures and writing with sensitivity toward those cultures. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (SPRING)

MMJN 414 – Business and Finance Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to cover business, finance, commerce, industry and related institutions, including the legal requirements under SEC and other federal requirements. Emphasis is placed on reporting for general audiences. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 415 – Editorial and Critical Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to research and produce opinion articles, news analysis, commentary and editorials. The assignments for this course will focus on campus, local, state, national and international issues. [Formerly JOUR 415] **Prerequisites:** COMM 201, COMM 202, COMM 204, MMJN 202 and MMJN 206 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 416 – Health, Medical and Science Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to cover health, medicine and the sciences, including policy issues, the healthcare industry and related institutions for a general audience. Emphasis is placed on understanding, analyzing and using health, medical and science related research, information and data. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 417 – Political Reporting and Writing – *Three hours; 3 credits.* The course develops the specialized writing and reporting skills needed to cover the political/electoral process and the federal, state and local government, social service agencies, the courts, policy organizations/think tanks, lobbyists, unions, the grassroots and more. Emphasis is placed on reporting for general audiences. **Prerequisites:** COMM 201, COMM 202, COMM 204 and MMJN 202 with a grade of "C" or better. (FALL – EVEN)

MMJN 418 – Free Speech and Free Media in Global Societies – *Three hours; 3 credits.* This course examines issues involving the nature and responsibilities of freedom of speech and free media, including societal and legal issues and how those issues manifest in societies around the world. Major topics may include but are not limited to political, social, religious and hate speech; violence; traitorous and subversive speech; sexual expression; nonverbal expression and privacy issues. [Formerly SPCH 415] (OFFERED AS NEEDED)

MMJN 419 – Investigative Reporting and Writing – *Three hours; 3 credits.* This course is designed to introduce the student to the basics of investigative reporting. Students will learn how to access federal and state documents, how to create and implement a Computer Assisted Reporting [CAR] project and the ethics and practices of investigative reporting. **Prerequisites:** COMM 201, COMM 202, COMM 204, COMM 370 and MMJN 202 with a grade of "C" or better. (OFFERED AS NEEDED)

MMJN 425 – Short Form Journalism and Media Production – *Three hours; 3 credits.* This course focuses on producing, writing and editing video and audio for newscasts on extremely tight deadlines for delivery on WMUR Radio, BEAR TV and other media outlets. **Prerequisites:** COMM 201, COMM 202, COMM 204, MMJN 202, MPPD 332 and MPPD 360 with a grade of "C" or better. (FALL/SPRING)

MMJN 426 – Multimedia Storytelling – *Three*

hours; 3 credits. This course looks at the changing climate of the practice of journalism. Television reporters have to shoot and edit their own video as well as write for the web. Print reporters must capture video, and often edit video files that are offered to the web. The course will focus on how to produce print and video versions of the same stories, which are then made available on multiple platforms. **Prerequisites:** COMM 201, COMM 202, COMM 204, MMJN 202, MPPD 332 and MPPD 360 with a grade of "C" or better. (FALL)

MMJN 427 – Mobile Journalism – *Three hours; 3 credits.* This course will teach students how to use the technology in their pockets to tell audio and video stories. The course will focus on how the field of journalism has changed through the use of new technologies, identifying the best apps to use for in-field reporting, editing files on smart phones and other technologies using available apps and using social media to distribute and promote stories. **Prerequisites:** COMM 201, COMM 202, COMM 204, COMM 240, MMJN 202, MPPD 332 and MPPD 360 with a grade of "C" or better. (FALL/SPRING)

MMJN 450 – Producing the Newscast – *Three hours; 3 credits.* This course focuses on how an audio (radio) or video (television) newscast is produced. Students will learn how to build a local newscast for their particular target audiences. **Prerequisites:** COMM 201, COMM 202, COMM 204, MMJN 202 and MMJN 206 with a grade of "C" or better. (FALL/SPRING)

MMJN 498 – Special Topics – *Three hours; 3 credits.* This course provides advanced Journalism students with an opportunity for in-depth study of a selected specialized area of journalism based upon faculty and student interest. [Formerly JOUR 498] **Prerequisite:** Permission of the Instructor. (OFFERED AS NEEDED)

COMM 490 – Internship – *Three hours; 3 credits* – This elective course provides opportunities for students to obtain supervised practical work experiences in their respective majors at an off-campus site approved by the instructor and the Department Chairperson. **Prerequisite:** Successful completion of at least 30 credits in the major. (OFFERED AS NEEDED)

MORGAN STATE UNIVERSITY
DEPARTMENT OF MULTIMEDIA JOURNALISM
BACHELOR OF SCIENCE DEGREE IN MULTIMEDIA JOURNALISM
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
ORSJ 101	Freshman Orientation	1
XXXX – AH – General Education Requirement		3
XXXX – MQ – General Education Requirement		3
XXXX – HH – General Education Requirement		3
XXXX – IM – General Education Requirement		3
		16

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
XXXX – AH – General Education Requirement		3
XXXX – BP – General Education Requirement		4
XXXX – SB – General Education Requirement		3
XXXX – CT – General Education Requirement		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

COMM 201	Fund. of Multiplatform Writing	3
COMM 202	Intro to Multiplatform Prod.	3
COMM 203	Media Literacy/Diverse World	3
XXXX – BP – General Education Requirement		3
XXXX – SB – General Education Requirement		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

COMM 204	Info. Gathering & Research	3
COMM 240	Digital Media	3
MMJN 202	Reporting & Writing I	3
XXXX – CI – General Education Requirement		3
XXXX – Out-of-Unit Free Elective		3
PHEC XXX	Physical Education Elective	1
		16

JUNIOR YEAR (FIRST SEMESTER)

COMM 314	Global Communication	3
COMM 370	Mass Comm. Law & Ethics	3
MMJN 206	Editing	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

JUNIOR YEAR (SECOND SEMESTER)

MPPD 332	Field Production & Reporting	3
MPPD 360	On-Air Performance	3
MMJN XXX	Journalism Elective	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (FIRST SEMESTER)

MMJN XXX	Journalism Elective	3
MMJN XXX	Journalism Elective	3
MMJN XXX	Journalism Elective	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (SECOND SEMESTER)

COMM 497	Senior Media Experience	6
MMJN XXX	Journalism Elective	3
XXXX	Out of Unit Free Elective	3
		12

TOTAL CREDIT HOURS **120**

THE DEPARTMENT OF MULTIPLATFORM PRODUCTION

Chairperson of the Department: ASSOCIATE PROFESSOR BARUTI N. KOPANO
Associate Professors: GREGORY ADAMO; JARED BALL
Assistant Professors: WELMA REDD
Instructors: BRIAN NAUGHTON

The Bachelor of Science in Multiplatform Production recognizes that in the real world, there is less and less compartmentalization in the media. The integration of the media and the proliferation of new technologies require that students learn how to "do it all." In addition to learning how to create and produce material for traditional broadcast media, students will learn how to create and produce material for various digital and Internet-based media, including the social media.

In learning how to "do it all" students will need to have strong writing skills in addition to their strong technical skills. In their coursework, students will have to be able to develop text that will be used in the audio/video materials they will be creating and editing.

As important as classroom instruction is, students need practical, hands-on experiences in as real world a setting as possible. They will get that experience through a School of Global Journalism and Communication faculty-supervised media operation that will include, among other opportunities, WMUR (a student-staffed radio station), BEAR TV (a student-staffed television station) and an online version of the student newspaper, *The Spokesman*.

Finally, because the world is interconnected in ways never dreamed possible in earlier decades students will be exposed to how production media industries operate in other nations. This is important because students may one day work in other nations. It is also important because different cultures approach media differently and those differences affect not just the things that are created but the forms that they take. Understanding that is key to understanding how and why the United States is depicted the way it is in various nations.

GOALS

The following are the broad educational goals for the major in Multiplatform Production:

- to increase the numbers of highly trained production professionals capable of working across multiple platforms; especially from among those who are minorities and urban dwellers,
- to provide students with an understanding of the narrative capabilities of the media and the roles of those narratives in communicating information and ideas,
- to provide students with global perspectives on the influence of the media in shaping how we perceive other nations and their people and how those nations and their people perceive us,
- to provide students with an understanding of ethics and with basic communication law and how they affect choices about how narratives are presented, and
- to provide students with hands-on multiplatform production experiences.

LEARNING OUTCOMES

The following are the learning outcomes expected for students in the Multiplatform Production major.

- Students will be able, under deadline, to craft compelling, accurate and ethical narratives that adhere to styles appropriate to the media for which they are intended.
- Students will be able to communicate narratives in multiple platforms, including mobile devices, social media and other new technologies.
- Students will be able to demonstrate proficiency in information gathering techniques, including the wide range of digital sources that are available.
- Students will be able to demonstrate proficiency in the techniques of recording visual images and audio and to edit that material into multiple formats appropriate to the media for which and audiences for whom that material is intended.

Requirements for the Major in Multiplatform Production

The Bachelor of Science degree in Multiplatform Production requires students to complete 54 credits in

the major. These include 27 credits of core courses required of all students in the SGJC along with 12 credits of required courses in the major and 15 credits of major elective courses. In addition, students must complete all University General Education Requirements. To ensure that all Multiplatform Production students have the opportunity to gain a genuine global perspective, six credits of the same foreign language or courses focused on a global culture are required. Finally, students must also complete 18 credits of free electives from *outside* the School of Global Journalism and Communication which should be concentrated in a single discipline.

University General Education Requirements
40 credits
University Requirements
2 credits
Subtotal Credit Hours: 42 credits

Foreign Language/Global Culture Requirement
6 credits
Subtotal Credit Hours: 48 credits

Out of Unit Free Electives
18 credits
Subtotal Credit Hours: 66 credits

School Required Core Courses
27 credits
Subtotal Credit Hours: 93 credits
COMM 201 – Fundamentals of Multiplatform Writing
COMM 202 – Introduction to Multiplatform Production
COMM 203 – Media Literacy in a Diverse World
COMM 204 – Information Gathering & Research
COMM 240 – Digital Media
COMM 314 – Global Communication
COMM 370 – Mass Communication Law & Ethics
COMM 497 – Senior Media Experience (6 credits)

Individual Department Required Courses
12 credits
Subtotal Credit Hours: 105 credits
MPPD 230 – Media Technologies and Practices
MPPD 300 – Multiplatform Production and Editing
MPPD 310 – Writing for Interactive Media
MPPD 350 – Production Practicum

Individual Department Electives
15 credits
Subtotal Credit Hours: 120 credits
(Students will choose 15 credits from among the 3-credit courses listed below.)
MPPD 301 – Digital Audio Production
MPPD 302 – Studio Operations
MPPD 325 – Audience Ratings and Programming
MPPD 332 – Field Production and Reporting
MPPD 342 – Short Form Video Production
MPPD 360 – On-Air Performance
MPPD 410 – Audio Production for Multiplatform Production
MPPD 412 – Digital Products Development and Design
MPPD 420 – Radio Station Operations and Management
MPPD 422 – Television Station Operations and Management
MPPD 440 Multiplatform Audio Field Production
MPPD 442 – Advanced Multiplatform Production and Editing
MPPD 450 – Advanced Media Delivery and Management
MPPD 460 – Creating the Documentary
MPPD 498 – Special Topics
SCOM 300 – Communication and the Black Diaspora
COMM 490 – Internship

MULTIPLATFORM PRODUCTION COURSE OFFERINGS

MPPD 230 – Media Technologies and Practices – *Three hours; 3 credits.* This course will concentrate on the emerging technologies and tools used in the production and broadcast industries and the theories and techniques behind their use. The student will gain skills in the proper deployment, retrieval, care and handling of various types of equipment. This course will also emphasize the best practices of multimedia production, digital media asset management, website development, digital media formats and distribution technologies. **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MPPD 300 – Multiplatform Production and Editing – *Three hours; 3 credits.* In this course students will conceptualize and pre-produce multimedia pieces, then take their projects through a digital media workflow to completion. The student will become proficient in conceiving stories and

packages optimized for the visual media, television and the web, practice on-camera presentation for web and multimedia stories and learn how to organize raw material into a narrative. Stories will be completed using intermediate nonlinear post-production methods and techniques and include appropriate 2D and 3D titling and digital graphics, sequencing of digital clips, theories applied in organizing audio and video into a cohesive narrative. Information dissemination and audience building will also be covered. **Prerequisites:** COMM 201, COMM 202 and MPPD 230 with a grade of "C" or better. (FALL/SPRING)

MPPD 301 – Digital Audio Production – *Three hours; 3 credits.* This course covers audio production for radio, television and emerging media technologies with an emphasis on commercial and public radio news production as well as narrative and non-narrative storytelling. Students learn techniques and applications of editing and sound processing as they work under deadline to produce audio newscasts and/or podcasts. Students will be expected to build an online portfolio of their audio productions. [Formerly BROA 301] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MPPD 302 – Video Production – *Three hours; 3 credits.* This course will focus on the theory and application of supervising and coordinating video production in studio and field environments. The student will be introduced to the supervisory responsibilities of the producer and director as well as the responsibilities of the camera operator, sound engineer, technical director, lighting director, grip and floor manager. The organization, planning, scripting, editing and polishing of a media production will also be examined through lecture, studio work and labs. Students will perform the duties of each crewmember in the course of the semester. Upon completion, students will be able to demonstrate production skills and techniques as they relate to producing a variety of video formats. [Formerly BROA 302] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL)

MPPD 310 – Writing for Interactive Media – *Three hours; 3 credits.* This course explores both the mechanics of storytelling and how to convey themes through writing for visual, audio and digital media. The student will establish habits for thinking comprehensively about the critical role that multimedia methods play in engaging audiences with complex information. The student will examine the storytelling process by learning how to identify stories and engaging in the development of specific storytelling processes including voice, context, dialogue, character, time and space. The course emphasizes how story structures change across different delivery systems and platforms. **Prerequisites:** COMM 201, COMM 202 and COMM 240 with a grade of "C" or better. (FALL/SPRING)

MPPD 325 – Audience Ratings and Programming – *Three hours; 3 credits*. This course explores research techniques to understand audience listening and viewing habits, preferences and choices. Using case studies, this course explores program development, acquisition, scheduling, promotion, formats and program distribution. [Formerly BROA 325] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (SPRING)

MPPD 332 – Field Production and Reporting – *Three hours; 3 credits.* This course is designed to give the student the ability to work collaboratively and as an individual to research, develop and produce stories and short-form multimedia packages for digital journalism and the documentary. Emphasis will be placed on the student's ability to research, formulate questions, conduct interviews and to follow as well as to adapt a digital workflow. In-class critiques, guest speakers and on and off campus field work will be the basis for instruction. [Formerly BROA 332] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

MPPD 342 – Short Form Video Production – *Three hours; 3 credits.* This course focuses on techniques in writing, filming and producing commercials, public service announcements, promos, music videos, news and other short form media formats. The student will be taken through the pre-production process and work individually and collaboratively to theorize and conceptualize the digital workflow necessary for completion of the piece. Web-based collaboration and production applications and theory will be emphasized as well as advanced post-production, animation and 2D/3D compositing. Legal, ethical and business considerations of media production will also be explored. [Formerly BROA 342] **Prerequisites:** COMM 201, COMM 202, COMM 240, MPPD 230 and MPPD 300 with a grade of "C" or better. (FALL/SPRING)

MPPD 350 – Production Practicum – *Three hours; 3 credits.* This course focuses on writing, designing and directing programs for multimedia, social media and online applications. Students will work on the crews of School of Global Journalism and Communication or University-sponsored projects, gaining hands-on production experience. Emphasis will be on creating a final product, which should be of

sufficient quality that it is fit for multiplatform presentation. [Formerly BROA 350] **Prerequisites:** COMM 201, COMM 202, COMM 240, MPPD 230 and MPPD 300 with a grade of "C" or better. (FALL)

MPPD 360 – On-Air Performance – *Three hours; 3 credits.* This course will focus on the skills necessary for effective on-air performance, interviews and conversations. Particular emphasis will be placed on articulation and diction, newscast delivery, voice overs and interviewing for both the traditional media and the newly emerging media. The student will develop good interview style and practice various types of delivery for both hard and soft news. The art of the conversation will be explored both in the lab and in the field. Techniques for single camera and multi-camera presence will be included. [Formerly BROA 360] **Prerequisites:** COMM 201, COMM 202 and MPPD 230, MPPD 302 or MPPD 332 with a grade of "C" or better. (FALL/SPRING)

MPPD 410 – Audio Production for Multiplatform Production – *Three hours; 3 credits*. This course requires students to produce advanced audio projects for video and multimedia productions. This course may require studio and field recordings as well as synchronous and asynchronous recordings. [Formerly BROA 410] **Prerequisites:** COMM 201, COMM 202 and MPPD 301 with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 412 – Digital Products Development and Design – *Three hours; 3 credits.* This course teaches students how to create interactive state-of-the-art Web-based applications. Students will receive hands-on experience in design and implementation of smartphone and tablet apps designed for news organizations. **Prerequisites:** COMM 201, COMM 202, COMM 204 and COMM 240 with a grade of "C" or better. (SPRING)

MPPD 420 – Radio Station Operations and Management – *Three hours; 3 credits*. This course deals with the language and concepts of broadcast radio, Internet radio and satellite radio. Students will be introduced to an overview of radio broadcast history, station organization and operations, past and present technologies, format development and career opportunities and terminology. Organization and operation of commercial and noncommercial radio will be covered. Students in this course will assume key positions at WMUR radio. [Formerly BROA 420] **Prerequisites:** COMM 201, COMM 202 and MPPD 300 with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 422 – Television Station Operations and Management – *Three hours; 3 credits*. This course deals with the language and concepts of the television industry. Students will be introduced to an overview of television broadcast history, station organization and operations, past and present technologies, format development, financial structures, management theories and career opportunities and terminology. Organization and operation of commercial and noncommercial television will be covered. [Formerly BROA 422] **Prerequisites:** COMM 201, COMM 202 and MPPD 300 with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 440 – Multiplatform Audio Field Production – *Three hours; 3 credits*. This course is an application of the theory and production of sound in field production. Students will use digital equipment in recording sound in news and/or documentary applications. [Formerly BROA 440] **Prerequisites:** COMM 201, COMM 202 and MPPD 301 with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 442 – Advanced Multiplatform Production and Editing – *Three hours; 3 credits.* Building upon skills learned in MPPD 300 and MPPD 310, students will master the art and skill necessary to plan and produce their own series. Each item of the series must exhibit the student's knowledge of sound design, animation, advanced editing, web-design and digital storytelling. Students will learn advanced techniques in digital cinematography, digital audio compositing, advanced support systems, live compositing and producing for various genres in science, engineering, mathematics, government and others. Special attention will be given to post-production processes, finishing techniques, file-based and digital asset management, color correction and other specialized areas of post-production. [Formerly BROA 442] **Prerequisites:** COMM 201, COMM 202, COMM 240, MPPD 230, MPPD 300 and MPPD 310 with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 450 – Media Delivery and Management – *Three hours; 3 credits*. This course examines the core areas of media operations and management. Special emphasis includes the critical-thinking and problem-solving strategies needed to own and operate a competitive media business, including current policies, economic structures and the cultural parameters of the international media market. Students will also become versed in the evolving applications of new technologies in digital media, including focuses on the creation, management and analysis of mobile applications, web and new media technologies as well as various social media. Students

will expand their knowledge and application of these concepts through a combination of individual and collaborative assignments in the School of Global Journalism and Communication. **Prerequisites:** COMM 201, COMM 202, COMM 240, COMM 370, MPPD 230, MPPD 300 and MPPD 31- with a grade of "C" or better. (OFFERED AS NEEDED)

MPPD 460 – Creating the Documentary – *Three hours; 3 credits.* This advanced course focuses on researching, writing, producing, recording and editing documentaries and longer-form journalism pieces. The course surveys documentary masterworks and the techniques and ethical challenges of the form. Students will complete a series of exercises from conceptualization through post-production and screening or distribution or will participate in a School of Global Journalism & Communication supported project, culminating in production of a short documentary. **Prerequisites:** COMM 201, COMM 202, COMM 204, COMM 240, MPPD 230, MPPD 300 and MPPD 310, or Permission of the Instructor with a grade of "C" or better. (FALL)

MPPD 498 – Special Topics – *Three hours; 3 credits.* This course provides advanced Multiplatform Production students with an opportunity for in-depth study of a selected specialized area of production based upon faculty and student interest. [Formerly BROA 498] **Prerequisite:** Permission of the Instructor (OFFERED AS NEEDED)

COMM 490 – Internship – *Three hours; 3 credits* – This elective course provides opportunities for students to obtain supervised practical work experiences in their respective majors at an off-campus site approved by the Instructor and the Department Chairperson. **Prerequisite:** Successful completion of at least 30 credits in the major. (OFFERED AS NEEDED)

MORGAN STATE UNIVERSITY
DEPARTMENT OF MULTIPLATFORM PRODUCTION
BACHELOR OF SCIENCE DEGREE IN MULTIPLATFORM PRODUCTION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
ORSJ 101	Freshman Orientation	1
XXXX – AH – General Education Requirement		3
XXXX – MQ – General Education Requirement		3
XXXX – HH – General Education Requirement		3
XXXX – IM – General Education Requirement		3
		16

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
XXXX – AH – General Education Requirement		3
XXXX – BP – General Education Requirement		4
XXXX – SB – General Education Requirement		3
XXXX – CT – General Education Requirement		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

COMM 201	Fund. of Multiplatform Writing	3
COMM 202	Intro to Multiplatform Prod.	3
COMM 203	Media Literacy/Diverse World	3
XXXX – BP – General Education Requirement		3
XXXX – SB – General Education Requirement		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

COMM 204	Info. Gathering & Research	3
COMM 240	Digital Media	3
MPPD 230	Media Technologies & Practice	3
XXXX – CI – General Education Requirement		3
XXXX – Out-of-Unit Free Elective		3
PHEC XXX	Physical Education Elective	1
		16

JUNIOR YEAR (FIRST SEMESTER)

COMM 314	Global Communication	3
COMM 370	Mass Comm. Law & Ethics	3
MPPD 300	Multiplatform Prod. & Editing	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

JUNIOR YEAR (SECOND SEMESTER)

MPPD 310	Writing for Interactive Media	3
MPPD XXX	Production Elective	3
MPPD XXX	Production Elective	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (FIRST SEMESTER)

MPPD 412	Digital Prod. Dev. & Design	3
MPPD XXX	Production Elective	3
MPPD XXX	Production Elective	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (SECOND SEMESTER)

COMM 497	Senior Media Experience	6
MPPD XXX	Production Elective	3
XXXX	Out of Unit Free Elective	3
		12

TOTAL CREDIT HOURS **120**

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THE DEPARTMENT OF STRATEGIC COMMUNICATION

Chairperson of the Department: ASSOCIATE PROFESOR OLUWATOSIN ADEGBOLA
Associate Professors: UMARU BAH, LAURA DORSEY-ELSON
Assistant Professors: DAVID BARNEY; PATRICIA WHEELER
Lecturers: DANA SHELLEY

The Bachelor of Science in Strategic Communication combines public relations, advertising and other communication disciplines. To be successful in the 21st Century requires that students still learn how to identify key stakeholder publics and determine how to reach them. But the integration of media platforms and the proliferation of new media technologies have made that a more complex process requiring much more strategically focused approaches. In addition to learning how to write and develop materials for the traditional media, students will learn how to use social media and other emerging technologies to ensure that all appropriate publics are reached.

As important as classroom instruction is, students need practical, hands-on experiences in as real world a setting as possible. They will get those experiences through The Strategy Shop, a School of Global Journalism and Communication in-house strategic communications operation. Students will create real communications campaigns for real clients in a faculty-supervised setting.

Finally, because the world is interconnected in ways never dreamed possible in earlier decades and because so many businesses and organizations operate across national boundaries, the major in Strategic Communication has an important global focus. That focus has two directions. First, students will learn about creating and executing communications campaigns for targeted audiences in different parts of the world in ways that recognize the diversity of those audiences. Second, students will learn how the strategic communications process is viewed in other nations and how that affects how the process is done.

GOALS

The following are the broad educational goals for the major in Strategic Communication:

- to increase the numbers of highly trained strategic communication professionals, especially from among minorities and urban dwellers;
- to provide students with a understanding of strategic communication and the role it plays in identifying stakeholder publics and in designing and creating ethical messages to inform, to persuade, to manage crises and more;
- to provide students with a global perspective about strategic communication and how it is perceived and accomplished in nations other than the United States;
- to provide students with an understanding of strategic communication ethics and with basic media law, and
- to provide students with hands-on experiences with strategic communications processes.

LEARNING OUTCOMES

The following are the learning outcomes expected for students in the Strategic Communication major.

- Students will be able, under deadline, to craft compelling, accurate and ethical messages that adhere to styles appropriate to the media for which they are writing and are appropriate to the stakeholder publics for which they are intended.
- Students will be able to communicate messages in multiple formats, including through mobile devices, social media and other new technologies.
- Students will be able to demonstrate proficiency in information gathering techniques, including the wide range of digital sources that are available.
- Students will be able to demonstrate proficiency in the various techniques of presenting messages including, but not limited to audio/video recording and editing, print media and digital media.
- Students will be able to demonstrate proficiency in identifying stakeholder publics, developing campaigns to reach those publics and in creating messages that use the appropriate means of reaching those publics by their participation in The Strategy Shop strategic communications agency that is part of the SGJC.

Requirements for the Major in Strategic Communication

The Bachelor of Science degree in Strategic Communication requires students to complete 54 credits in the major. These include 27 credits of core courses required of all students in the SGJC along with 12 credits of required courses in the major and 15 credits of major elective courses. In addition, students must complete all University General Education Requirements. To ensure that all Strategic Communication students have the opportunity to gain a genuine global perspective, six credits of the same foreign language or courses focused on a global culture are required. Finally, students must also complete 18 credits of free electives from *outside* the School of Global Journalism and Communication which should be concentrated in a single discipline.

University General Education Requirements
40 credits
University Requirements
2 credits

Subtotal Credit Hours: 42 credits

Foreign Language/Global Culture Requirement
6 credits
Subtotal Credit Hours: 48 credits

Out of Unit Free Electives
18 credits
Subtotal Credit Hours: 66 credits

School Required Core Courses
27 credits
Subtotal Credit Hours: 93 credits

COMM 201 – Fundamentals of Multiplatform Writing
COMM 202 – Introduction to Multiplatform Production
COMM 203 – Media Literacy in a Diverse World
COMM 204 – Information Gathering and Research
COMM 240 – Digital Media
COMM 314 – Global Communication
COMM 370 – Mass Communication Law and Ethics
COMM 497 – Senior Media Experience (6 credits)

Individual Department Required Courses
12 credits
Subtotal Credit Hours: 105 credits
SCOM 200 – Introduction to Strategic Communication
SCOM 220 – Strategic Communication Writing
SCOM 365 – Crisis Communication and Reputation Management
SCOM 480 – Global Strategic Communication

Individual Department Electives
15 credits
Subtotal Credit Hours: 120 credits
(Students will choose 15 credits from among the 3-credit courses listed below.)
SCOM 230 – Copywriting and Visualization
SCOM 300 – Communication and the Black Diaspora
SCOM 312 – Organizational Communication
SCOM 313 – Event Planning and Management
SCOM 325 – Strategic Communications Campaigns
SCOM 350 – Evaluating Strategic Communications Campaigns
SCOM 353 – Strategic Communication and the Not-for-Profit Organization
SCOM 355 – Strategic Communication and Social Media
SCOM 402 – Persuasion and Persuasive Writing
SCOM 413 – Strategic Communication for Leadership and Team Development
SCOM 414 – Strategic Communication and Conflict
SCOM 420 – Case Studies and Issues Management
SCOM 430 – Media Planning
SCOM 450 – Strategic Communication and Government
SCOM 451 – Strategic Communication and Politics
SCOM 453 – Propaganda as Crisis Communication
SCOM 498 – Special Topics
MPPD 230 – Media Technologies and Practices
MPPD 300 – Multiplatform Production and Editing
MPPD 310 – Writing for Interactive Media
COMM 490 – Internship

STRATEGIC COMMUNICATION COURSE OFFERINGS

SCOM 200 – Introduction to Strategic Communication – *Three hours; 3 credits.* This course emphasizes theory and practice associated with the advancement of an organization's mission, vision, product and/or service. Specifically, the course focuses on the persuasive use of messaging in an organizational context. Students will be introduced to the concepts, skills and issues associated with different types of strategic communications campaigns and the different styles and formats in the development of messages to reach various audiences, both internal and external, to the organization. The goal of the course is to create strategic communicators who are able to understand messaging so that it can facilitate an organization achieving its goals. [Formerly PRAA 200] **Prerequisites:** COMM 201 and COMM 202 with a grade of "C" or better. (FALL/SPRING)

SCOM 220 – Strategic Communication Writing – *Three hours; 3 credits.* This course covers both the basic and foundational principles of message design in traditional business and professional communication, as well as the emerging principles of message design in the digital age. Topics range from message design for traditional print materials and mass media messages to Internet-based materials and social media messages within and outside an organization. [Formerly PRAA 320] **Prerequisites:** COMM 201, COMM 202 and SCOM 200 with a grade of "C" or better. (FALL/SPRING)

SCOM 230 – Copywriting and Visualization – *Three hours; 3 credits.* The course provides practical instruction and experience in basic copywriting for various strategic communication media, including print and broadcast media, various collateral media, billboards and other forms. It will focus on developing and applying creative strategies for print and electronic media. [Formerly PRAA 230] **Prerequisites:** COMM 201, COMM 202, SCOM 200 and SCOM 220 with a grade of "C" or better. (FALL)

SCOM 300 – Communication and the Black Diaspora – *Three hours; 3 credits.* The course surveys the history and development of communication in the Black Diaspora. Attention is given to those communication elements of the Black Diaspora that are unique to the United States and those that are shared throughout the world as well as those aspects that distinguish particular African global cultures. (OFFERED AS NEEDED)

SCOM 312 – Organizational Communication – *Three hours; 3 credits.* This course explores communication theory as applied to a variety of organizational contexts and situations. Students will experience the opportunity to increase effectiveness in organizational settings and develop the ability to make a special contribution to any organization with which they are associated. [Formerly SPCH 312] (FALL)

SCOM 313 – Event Planning and Management – *Three hours; 3 credits.* The course examines the communication processes involved in preparing for, executing and following up on large and

small scale briefings, meetings, conferences, conventions, special events and other gatherings. Areas of focus include proposal making, agendas, logistics and other arrangements. Important emphasis is placed on practical, hands-on experience. [Formerly SPCH 313] (OFFERED AS NEEDED)

SCOM 325 – Strategic Communications Campaigns – *Three hours; 3 credits.* This course emphasizes best practices in strategic communication for internal and external publics, as socially responsible citizens and professional practitioners. The course involves planning for diverse populations, including global stakeholders. [Formerly PRAA 325] **Prerequisites:** COMM 201, COMM 202, COMM 204, SCOM 200 and SCOM 220 with a grade of "C" or better. (SPRING)

SCOM 350 – Evaluating Strategic Communications Campaigns – *Three hours; 3 credits.* This course focuses on review, creation and testing of both qualitative and quantitative methods of evaluating the effectiveness of strategic communications campaigns. Skills are developed in application of techniques as well as in interpretation and criticism of studies in strategic communication. The course will focus on the methods used to identify, describe and evaluate stakeholders, determine message effectiveness and improve strategies and communications. **Prerequisites:** COMM 201, COMM 202, COMM 204, SCOM 200, SCOM 220 and SCOM 325 with a grade of "C" or better, or Permission of the Instructor. (FALL – ODD)

SCOM 353 – Strategic Communication and the Not-for-Profit Organization – *Three hours; 3 credits.* This course is a study of the unique challenges of strategic communications for the not-for-profit sector. Topics will include fundraising, lobbying, working with volunteers, media relations and the overall public relations program. Students will gain practical experiences through contacts with community not-for-profit groups. **Prerequisite:** COMM 201, COMM 202, SCOM 200 and SCOM 220 with a grade of "C" or better, or Permission of the Instructor. (SPRING – ODD)

SCOM 355 – Strategic Communication and Social Media – *Three hours; 3 credits.* This course is designed to provide students with an understanding of how social tools relate to the practice of strategic communications, including marketing, advertising, public relations and not-for-profits, as well as the impact of the social media on societies and marketplaces. The course will balance academic considerations and practical applications, incorporating the use of social media and other relevant tools. Students will participate in virtual community discourse, create content and interact with other professionals in the field and reflect critically on their experiences. This course will help foster the skill in applying the core principles and practices of strategic communications to social media in productive, creative, intelligent and ethical ways. **Prerequisites:** COMM 201, COMM 202, COMM 240, SCOM 200 and SCOM 220 with a grade of "C" or better. (SPRING)

SCOM 365 – Crisis Communication and Reputation Management – *Three hours; 3 credits.* This course explores the communicative dynamics that both prevent and cause organizational crises. Through case studies, the class examines how people plan, communicate and make good decisions in high risk situations, as well as how to manage crises effectively. Students will apply concepts, theories and frameworks to research, design and deliver crisis communication plans as well as gain practice in issues management, crisis communication and social advocacy in the management of an organization's reputation and image. **Prerequisites:** COMM 201, COMM 202, COMM 370, SCOM 200 and SCOM 220 with a grade of "C" or better. (FALL/SPRING)

SCOM 402 – Persuasion and Persuasive Writing – *Three hours; 3 credits.* The course explores theories and techniques of persuasion in social and mass contexts as they are applied to contemporary society. Areas of concern include government, politics, strategic communication and more. Emphasis will also be placed on writing persuasive messages. Commercials, public service announcements and public statements are examples. [Formerly SPCH 402] (OFFERED AS NEEDED)

SCOM 413 – Strategic Communication for Leadership and Team Development – *Three hours; 3 credits.* This course provides theoretical and methodological approaches to emerging forms of leadership and team building, emphasizing the importance of communication to the successful outcomes of both. It explores the dynamics affecting one's ability to lead and to follow and how to transform personal leadership into strategic organizational outcomes in a rapidly changing environment. Issues of authority, succession, collaboration and competition, information diversity, conflict and intercultural competence are addressed using contemporary research from communication and organizational scholars. [Formerly SPCH 413] (FALL)

SCOM 414 – Strategic Communication and Conflict – *Three hours; 3 credits.* This course analyzes the role of communication in processing, understanding, mediating and negotiating interpersonal, small group, intergroup, national and global conflicts. As governments, corporate and not-for-profit organizations realize the value of diversity for strategic advantage, intellectual, skilled and knowledgeable workers are sought from different parts of the world to work in the "new" multicultural, multiethnic and multiracial organization. With diversity, comes the challenge of creating new communication and organizational structures to facilitate evidential differences. The course is also designed to create awareness of the often latent and covert aspects of differences that influence conflict at the various levels identified, and offers theoretical analysis and practical methodologies which equip students to respond to these challenges. [Formerly SPCH 414] (SPRING)

SCOM 420 – Case Studies in Strategic Communication – *Three hours; 3 credits.* The course will use both successful and unsuccessful strategic communications campaigns to equip students with the skills needed in day-to-day practice. The case studies will help students determine objectives, provide insights into media choice decisions, look at message strategies and develop skills for evaluating the success or failure of particular strategic communications efforts. [Formerly PRAA 420] **Prerequisites:** COMM 201, COMM 202, SCOM 200, SCOM 220 and SCOM 325 with a grade of "C" or better. (SPRING)

SCOM 425 – Issues Management – *Three hours; 3 credits*. This course focuses on the study of the impact of public policy and

emerging issues on corporate and social responsibility and government relations, including policy research. It emphasizes the evaluation of communications, marketing and advertising strategies as they positively and negatively impact client relations and business practices. The course also provides an understanding of how crises affect an organization's strategic communications efforts. Students will learn how to recognize, analyze and understand crises and to develop and implement appropriate communication responses and crises management plans. **Prerequisites:** COMM 201, COMM 202, SCOM 200, SCOM 220 and SCOM 365 with a grade of "C" or better. (FALL)

SCOM 430 – Media Planning – *Three hours; 3 credits.* This course focuses on selecting, scheduling and buying of advertising media time and space. The course also introduces students to the strategies, techniques and problems of planning and buying media. Students will learn how to buy space and time effectively and economically. There is also focus on the use of computer software for solving media problems. [Formerly PRAA 430] **Prerequisites:** COMM 201, COMM 202, SCOM 200 and SCOM 220 with a grade of "C" or better. (FALL)

SCOM 450 – Strategic Communication and Government – *Three hours; 3 credits.* The course examines the roles and uses of strategic communication by all levels of government. Topics will include working with the media, cross-branch lobbying, legal constraints and ethical issues. Case studies will be used for analysis and review. **Prerequisites:** COMM 201, COMM 202, COMM 370, SCOM 200 and SCOM 220 with a grade of "C" or better. (SPRING)

SCOM 451 – Strategic Communication and Politics – *Three hours; 3 credits.* The course examines the roles and uses of strategic communication in the political arena. Topics will include the roles strategic communication has played in political campaigns, the ethics of damage control and "spin," the ways public relations and advertising have affected our views of candidates and political officials and topical issues of importance and concern. Case studies will be used for analysis and review. [Formerly PRAA 451] **Prerequisites:** COMM 201, COMM 202, COMM 370, SCOM 200 and SCOM 220 with a grade of "C" or better. (FALL-EVEN)

SCOM 453 – Propaganda as Crisis Communication – *Three hours; 3 credits.* This course examines the roles of strategic communication in organized campaigns of propaganda. Examples of attempts at thought control are drawn from history and present day and from nations worldwide and range from the relatively harmless to the dangerous. [Formerly PRAA 453] (SPRING – EVEN)

SCOM 480 – Global Strategic Communication – *Three hours; 3 credits.* This course explores comparative analyses of the different strategic communication models and practices worldwide, the implications of convergence of media technologies to the strategic communication industries and understanding the impact of globalization as a technological, economic and cultural phenomenon and its relevance for strategic communications professionals. Consideration is also given to the political, social, economic and historic contexts affecting strategic communication practices across national borders. **Prerequisites:** COMM 201, COMM 202, COMM 314, SCOM 200 and SCOM 220 with a grade of "C" or better. (FALL/SPRING)

SCOM 498 – Special Topics – *Three hours; 3 credits.* This course provides advanced Strategic Communication majors with an opportunity for in-depth study of a selected specialized area of strategic communication based upon faculty and student interest. [Formerly PRAA 489] **Prerequisite:** Permission of the Instructor (OFFERED AS NEEDED)

COMM 490 – Internship – *Three hours; 3 credits* – This elective course provides opportunities for students to obtain supervised practical work experiences in their respective majors at an off-campus site approved by the instructor and the Department Chairperson. **Prerequisite:** Successful completion of at least 30 credits in the major. (OFFERED AS NEEDED)

MORGAN STATE UNIVERSITY
DEPARTMENT OF STRATEGIC COMMUNICATION
BACHELOR OF SCIENCE DEGREE IN STRATEGIC COMMUNICATION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

XXXX – EC – General Education Requirement		3
ORSJ 101	Freshman Orientation	1
XXXX – SB – General Education Requirement		3
XXXX – MQ – General Education Requirement		3
XXXX – HH – General Education Requirement		3
XXXX – IM – General Education Requirement		3
		16

FRESHMAN YEAR (SECOND SEMESTER)

XXXX – EC – General Education Requirement		3
XXXX – AH – General Education Requirement		3
XXXX – BP – General Education Requirement		4
XXXX – SB – General Education Requirement		3
XXXX – CT – General Education Requirement		3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

COMM 201	Fund. of Multiplatform Writing	3
COMM 202	Intro to Multiplatform Prod.	3
COMM 203	Media Literacy/Diverse World	3
XXXX – BP – General Education Requirement		3
XXXX – SB – General Education Requirement		3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

COMM 204	Info. Gathering & Research	3
COMM 240	Digital Media	3
SCOM 200	Intro to Strategic Comm.	3
XXXX – CI – General Education Requirement		3
XXXX – Out-of-Unit Free Elective		3
PHEC XXX	Physical Education Elective	1
		16

JUNIOR YEAR (FIRST SEMESTER)

COMM 314	Global Communication	3
COMM 370	Mass Comm. Law & Ethics	3
SCOM 220	Strategic Comm. Writing	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

JUNIOR YEAR (SECOND SEMESTER)

SCOM 365	Crisis Comm./Reputation Mgmt.	. 3
SCOM XXX	Strategic Comm. Elective	3
SCOM XXX	Strategic Comm. Elective	3
XXXX	Foreign Language/ or Global Culture Requirement	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (FIRST SEMESTER)

SCOM 480	Global Strategic Comm.	3
SCOM XXX	Strategic Comm. Elective	3
SCOM XXX	Strategic Comm. Elective	3
XXXX	Out of Unit Free Elective	3
XXXX	Out of Unit Free Elective	3
		15

SENIOR YEAR (SECOND SEMESTER)

COMM 497	Senior Media Experience	6
SCOM XXX	Strategic Comm. Elective	3
XXXX	Out of Unit Free Elective	3
		12

TOTAL CREDIT HOURS 120

THE SCHOOL OFARCHITECTURE AND PLANNING

ARCHITECTURE AND ENVIRONMENTAL DESIGN

CONSTRUCTION MANAGEMENT

SCHOOL OF ARCHITECTURE AND PLANNING

Dr. Mary Anne Alabanza Akers, Dean
Gabriel Kroiz, Chairperson, Department of Undergraduate Design and Construction

MISSION STATEMENT
The Mission of the School of Architecture and Planning (SA+P) is to develop diverse, socially and environmentally responsible, and enlightened professionals through a process of skill acquisition, critical thinking, and value definition. In so doing, SA+P pursues this mission within a creative environment of inquiry and collegiality in the fulfillment and advancement of spatial justice, urban revitalization and sustainability, and design for the everyday experience.

VISION STATEMENT
SA+P's vision is to be a leader and a role model for HBCU's in preparing fully qualified architectural, design, and planning practitioners and construction managers in the exploration and documentation, design, planning and management of the built and natural environments through interdisciplinary applied research, theory building, and community based outreach. SA+P will promote the inclusion of students traditionally excluded from the study of the built and natural environments. It will also embrace the cultures and contributions of all peoples and times in this study. In addition to our focus on Baltimore, Maryland, SA+P will adopt a regional, national, and global outlook in its activities.

SA+P CORE VALUES
The School of Architecture and Planning upholds the following:

- Diversity
- Critical Inquiry
- Knowledge Creation
- Creativity
- Collegiality
- Spatial Justice
- Enlightened Design
- Enhancing the everyday experience
- Sustainability and Resiliency
- Collaboration

GOALS
The goals of the School of Architecture and Planning are:

1. To build and enhance an educational environment, that will support the success among diverse student constituencies (i.e., by culture, ethnicity, race, socio-economic levels, age and nationality) in the professional practice of architecture, landscape architecture, planning, and construction management.
2. To continue to offer high quality academic programs.
3. To be a leader in research of the built and natural environment.
4. To provide design and planning leadership in transforming the quality of urban communities by engaging the community in civic design, planning, and construction.
5. To align and grow our resources to implement our strategic plan.

BACHELOR OF SCIENCE IN ARCHITECTURE AND ENVIRONMENTAL DESIGN (BSAED)

Pavlina Ilieva, Program Director

The Bachelor of Science in Architecture and Environmental Design (BSAED) is a four year pre-professional degree program that prepares students for careers in Architecture and Environmental Design professions. The program is based on the understanding that the skills required for designing the built environment comes from a broad education that draws on science, technology, humanities and the arts. The BSAED curriculum provides a balanced course of study, which includes courses in graphic skills, technology, history, and theories of the built environment as well as courses throughout the university. The core of the program are the design studio courses where students synthesize what they have learned in the exploration of hypothetical and real life design projects. BSAED graduates are prepared for entry level positions in architecture and environmental design fields as well as advancement to professional degree programs, including the SA+P graduate programs in Architecture, Landscape Architecture, and City and Regional Planning.

Mission
The BSAED program supports the mission of Morgan State University and the School of Architecture and Planning to:

1. Provide access to the architecture and environmental design professions for African American and minority students.

2. Engage in continued research and provide academic service and curriculum focused on the sustainable redevelopment of Baltimore and the surrounding region.

Program Overview
The BSAED program requires 120 credits for the completion of the pre-professional Bachelor of Science degree and provides coursework and preparation for students interested in pursuing professional degrees in Architecture, Landscape Architecture and City and Regional Planning at Morgan and other schools nationally. The program distributes the University General Education (GER) across four years of study.

- The freshman year provides the introduction to communication skills and design concepts required for the beginning design student.
- The sophomore year engages students in a range of design project types and continues the build the student's knowledge of history and technology related to the built environment.
- The junior year focus' specifically on project types and issues affecting the Baltimore region both in studio courses and related lecture courses
- The senior year provides the opportunity for students to focus on any of the areas in design taught within the School of Architecture and Planning including Construction Management, Architecture, Landscape Architecture, and City and Regional Planning.

3+2 Programs

The School of Architecture and Planning offers an accelerated 5-year (BSAED plus Masters) track for the following graduate programs:

Master in Architecture
Master in City and Regional Planning
Master in Landscape Architecture

Students must apply to this competitive program in the spring of the third (Junior) year in the BSAED program. The admission criteria is based on cumulative GPA, portfolio, letter of intent, and letters of recommendation. Students completing one of the 3+2 programs, will earn both a bachelor's and master's degrees. These degree programs are accredited and prepare students to pursue a career as an architect, planner, or landscape architect.

Requirements for BSAED degree

1. Students must complete all University General Education and Core requirements
2. Students must earn a cumulative average of 2.0 or better.
3. Students must earn a 2.0 or better in their major courses with no outstanding grades below "C" (which includes all required supporting courses).
4. Students must perform satisfactorily in the University Speech and Writing proficiency examinations
5. Students must earn the final thirty (30) credits of their degree at Morgan.
6. Students must satisfactorily earn 78 credits in the major and **121 credits total.**

The required courses are listed under the following three subgroups. Students majoring in Architecture and Environmental Design must complete the following courses:

A. General Education Requirements

Course	Descriptions	Credits
ARCH 203	Comm Skills III	3
ENGL 101	Fresh Comp I	3
ENGL 102	Fresh Comp II	3
PHIL 109	Intro to Logic	3
MATH 113	Math Analysis I	4
XXXX-AH	AH Gen. Ed. Req.	3
XXXX-AH	AH Gen. Ed. Req.	3
PHYS 101	Intro to Physics	4
XXXX-BP	BP Gen. Ed. Req.	3
XXXX-SB	SB Gen. Ed. Req.	3
XXXX-SB	SB Gen. Ed. Req.	3
XXXX-HH	HH Gen. Ed. Req.	3
HIST 350	African Diaspora	3
	TOTAL	**41**

B. University Requirements

ORAP 107	Fresh. Orientation	1
PHEC XXX	Phys. Ed. Act. Elec.	1
	TOTAL	**2**

C. Core Requirements

ARCH 101	Conc. & Theories I	3
ARCH 103	Comm. Skills I	3
ARCH 104	Comm. Skills II	3
ARCH 201	Design I	6
ARCH 202	Design II	6
ARCH 205	Hist. Built Env. I	3
ARCH 206	Hist. Built Env. II	3
ARCH 207	Site Design	3
ARCH 208	Bldg. Materials I	3
ARCH 209	Bldg. Materials II	3
ARCH 301	Design III	6
ARCH 302	Design IV	6
ARCH XXX*	Hist. & Theory Elec.	3
ARCH XXX*	Hist. & Theory Elec.	3
ARCH XXX*	Technology Elec.	3
ARCH XXX*	Technology Elec.	3
ARCH XXX*	ARCH Elective	3
ARCH XXX*	ARCH Elective	3
ARCH XXX^	Fourth Year Studio	6
ARCH XXX^	Fourth Year Studio	6
	TOTAL	**78**

*Please contact your academic advisor/program director for eligible core electives.

^Please contact your academic advisor/program director

for eligible fourth year studio courses.

Students planning to pursue a professional degree in Architecture by applying for the 3+2 BSAED and Masters of Architecture (M.Arch) Program must register for ARCH 311 and ARCH 312 in the junior (third) year of the program. MATH 113 or MATH 126 and PHYS 101 are prerequisites for ARCH 311.

Students planning to pursue a professional degree in Landscape Architecture by applying for the 3+2 BSAED and Masters of Landscape Architecture (M.L.A.) Program must register for ARCH 321 in the junior (third) year of the program.

Policies

Change of Major (Native Transfer Students)

Native Transfer Students considering changing their major to Architecture and Environmental Design must have a minimum 2.0 cumulative GPA. Students with less than 2.0 may be considered upon review of the student's academic plan developed with the School's Retention Coordinator.

Educational Purpose

The purpose of the pre-professional BSAED Program is to prepare students to continue into graduate programs or entry level positions in the design and construction fields. Each student is given the opportunity to develop their technical ability, intellectual preparedness and professional outlook, and is expected to display the motivation and rigor towards their studies that will be required of them in future professional environments. Faculty will facilitate the course of study and serve as mentors to their students.

Attendance

Attending classes is a basic responsibility of every Morgan student who is enrolled in courses in the BSAED program. Attendance in class is evidence of minimum engagement with the material of the course needed to matriculate and master the content at hand. Because the curriculum of the program is delivered to students in a variety of learning environments, it is important that each instructor have authority over the precise terms of their own attendance policy as outlined in each course syllabus. The following points are to be considered the SA+P's collective policy to be referenced in all syllabi, or unless otherwise outlined with individual faculty variation within a particular course syllabus:

> The general attendance policy is to allow a student to miss the equivalent of one week of class sessions (three classes if the course meets three times/week, etc.) without directly affecting the student's grade and ability to complete the course. If additional absences are required for a personal illness/family emergency, pre-approved academic reason/religious observance, the situation should be discussed and evaluated with the faculty member and appropriate Chair on a case-by-case basis. For each absence over that allowed number, the student's letter grade can be lowered up to one full letter grade. This policy or any variation of it should be stated clearly in the syllabus of the course.

Student Engagement

The Architecture and Environmental Design professions are characterized by active civic and professional engagement. As a student in Morgan's BSAED program you will similarly be expected to participate beyond the classroom in the activities of the program, the school and the local professional community. Participation is encouraged and may be required by individual faculty, included in course syllabi and calculated as part of a course grade.

Required Materials

The classroom environment represents a significant investment of time and resource on behalf of both student and faculty. Accordingly, students are expected to be prepared with appropriate tools, supplies and texts as required to perform their work. A lack of appropriate tools, supplies and resources will not excuse incomplete or missing work. Difficulty obtaining the required materials should immediately be discussed with your instructor.

One Studio per Semester

Students are permitted to take a maximum of one 6-credit studio per semester.

Grade Dispute Policy

Grade disputes within the BSAED Program will follow the procedure set forth by the School of Architecture and Planning. Students will have fifteen (15) working days from the date the final course grade is posted in Websis to raise a grade dispute.

Course Repeat Policy

Courses with "D" or "F" grades may be repeated twice without written permission. To repeat a course more than twice requires written permission from the student's program director.

BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT (BSCM)

Dr. Walter Edward Dukes, Program Director

The Bachelor of Science in Construction Management (BSCM) program develops students who understand the complexity of construction projects, appreciate the values of sustainable principles and their applications, and are able to manage people in the field site. The BSCM curriculum is guided by the accreditation standards and criteria of the American Council for Construction Education.

Mission

The mission of the BSCM program is to educate students on basic construction management principles and practices, as well as their application to sustainable construction projects. With emphasis on green building technologies, materials and processes, the students will be well prepared to handle projects that require an integrated approach to environmental stewardship. The curriculum is challenging and extremely rewarding with emphasis on technical (i.e., architectural and engineering) content areas. Students will receive a solid base in the management basics required of the construction industry.

At the end of the program of study, students will have a foundation of skills and knowledge in construction science, particularly in the areas of design and construction systems, construction graphics, construction surveying, methods and materials, estimating, planning, and scheduling, construction accounting and finance, project management, and safety procedures and practices.

Program Overview

To fulfill the mission of the program, the BSCM curriculum requires 120 credit hours for completion of core and general education.

1. Students must complete all University, General Education, Supporting Course, Business & Management, and Core requirements.
2. Students must complete 120 credits total.
3. Students must earn a cumulative average of 2.0 or better.
4. Students must earn a 2.0 or better in their core and supporting courses with no outstanding grades below "C" (which includes all required Business & Management courses).
5. Students must perform satisfactorily in the University Speech and Writing Proficiency requirements.
6. Students must earn the final thirty (30) credits of their degree at Morgan.

Policies

Change of Major (Native Transfer Students)

Native Transfer Students considering changing their major to Construction Management must have a minimum 2.0 cumulative GPA. Students with less than 2.0 may be considered upon review of the student's academic plan developed with the School's Retention Coordinator.

The required courses are listed under the following six subgroups:

A. General Education Requirements

Course	Description	Credits
INSS 141	Comp Based System	3
ENGL 101	Fresh Comp I	3
ENGL 102	Fresh Comp II	3
PHIL 109	Intro to Logic	3
MATH 113	Math Analysis I	4
XXXX-AH	AH Gen. Ed. Req.	3
XXXX-AH	AH Gen. Ed. Req.	3
PHYS 101	Intro to Physics	4
XXXX-BP	BP Gen. Ed. Req.	3
XXXX-SB	SB Gen. Ed. Req.	3
XXXX-SB	SB Gen. Ed. Req.	3
XXXX-HH	HH Gen. Ed. Req.	3
HIST 350	African Diaspora	3
	TOTAL	**41**

B. University Requirements

ORAP 107	Fresh. Orientation	1
PHEC XXX	Phys. Ed. Act. Elec.	1
	TOTAL	**2**

C. Supporting Courses

SPCH 101	Fund. Of Speech	3
ECON 212	Prin. Of Economics II	3
CHEM 101/L	Gen. Chemistry & Lab	4
ARCH 249	Design & Const. Obs.	1
	TOTAL	**11**

D. Business and Management Requirements

MGMT 324	Organiz. Behavior	3
ACCT 201	Prin. Of Accounting I	3
XXX	BUAD/MGMT Elec.	3
XXX	BUAD/MGMT Elec.	3
MGMT XXX	MGMT Elective	3
MGMT XXX	MGMT Elective	3
	TOTAL	**18**

E. Construction Science Requirements

CEGR 107	Comp. Aided Drafting	3
ARCH 208	Building Materials I	3
ARCH 311	Statics & Strength Mat.	3
ARCH 312	Bldg. Structural Sys.	3

CMGT 201	Const. Methods I	3
CMGT 301	Site Plan & Surveying	3
CMGT 401	Sust. Const. Practices	3
CMGT 420	Environ. Controls	3
	TOTAL	**24**

F. Construction Materials

CMGT 211	Const. Plan & Sched.	3
CMGT 241	Intro to Const. Mgmt.	3
CMGT 242	Const. Operations	3
CMGT 311	Const. Safety Mgmt.	3
CMGT 411	Const. Law & Contract	3
CMGT 441	Production Tech	3
CMGT 442	Const. Cost Estim.	3
CMGT 498	Const. Mgmt. Intern	3
	TOTAL	**24**

ARCHITECTURE & ENVIRONMENTAL DESIGN COURSE OFFERINGS

ARCH 101 CONCEPTS AND THEORIES OF THE BUILT ENVIRONMENT I – *Three hours; 3 credits.* This course will introduce students to research methodologies, critical thinking and theoretical frameworks for understanding Architecture and the Built Environment. The concepts and theories addressing formal, cultural and techno-logical issues of the built environment will provide the foundation for advanced study in the BSAED program. **Prerequisite:** None.

ARCH 102 CONCEPTS AND THEORIES OF THE BUILT ENVIRONMENT II – *Three hours; 3 credits.* This course is a continuation of Concepts and Theories of the Built Environment I, ARCH 101. This course will introduce theoretical concerns that have informed the design of the built environment since the Renaissance as well as recent conceptual and technological developments and their impact on the Environmental Design disciplines. **Prerequisite**: None.

ARCH 103 COMMUNICATION SKILLS I – *Five hours; 3 credits.* This course introduces the fundamental hand skills of drawing and model building, as well as computer skills required to create a portfolio. Drafting exercises will introduce the conventions of two and three-dimensional representation, freehand drawing exercises will introduce techniques for observing and recording the environment, and model building assignments will introduce students to materials and techniques for building models. The preparation of a portfolio for the semester will introduce computer skills including concepts of file management, digital photography, scanning, and software for photo editing and desktop publishing. **Prerequisite:** None.

ARCH 104 COMMUNICATION SKILLS II – *Five hours; 3 credits.* This course continues the student's development of hand drawing, model building and computer skills. Hand drawing techniques will include drawing types and scales common to the design professions. Students will be introduced to further model building and basic woodworking techniques and build scale models and full scale prototypes. Computer skills will include introduction to CAD and 3D modeling software as well as the use of digital fabrication technologies. **Prerequisite:** ARCH 103 with "C" or better.

ARCH 201 DESIGN I (FORM, SPACE & ORDER) – *Eight hours studio, two hours lecture; 6 credits.* This studio course will develop the student's understanding of the fundamentals of visual perception and the natural and formal ordering systems that inform two and three- dimensional design, architectural composition, and urban design. Conceptual design projects will focus on the time/space experience of architectural form. Exercises will progress from abstract 2-D and 3-D compositions to de- signs that address specific programmatic and symbolic goals. **Prerequisites:** ARCH 104 with "C" or better.

ARCH 202 DESIGN II (SITE & STRUCTURE)– *Eight hours studio, two hours lecture; 6 credits.* This studio course will expand on the fundamental design principals from ARCH 201 and introduce physical and environmental concerns to the design of sites, buildings, and interior spaces. Students will analyze traditional and vernacular design precedents to understand their material properties, structural concepts, as well as responses to site, environmental and cultural factors. Students will apply the lessons of structure and material, and environmentally responsive design to a series of studio projects of increasing complexity. (Formerly Design Studio I).**Prerequisite:** ARCH 201 with "C" or better.

ARCH 203 COMMUNICATION SKILLS III:– *Four hours; 3 credits.* This course introduces students to Building Information Modeling (BIM), 3D Digital Modeling, digital production techniques and graphic design principles used to conceive, analyze and represent the built environment. The knowledge and skills furnish students with the abilities necessary to perform competently in the design studio and/or professional office. **Prerequisites:** ARCH 104 with "C" or better.

ARCH 204 COMMUNICATION SKILLS IV:– *Four hours; 3 credits.* This advanced Computer Visualization Course will both increase the students understanding and ability to use Building Information Modelling (BIM) and 3D Digital Modeling software, and introduce tools for advanced visualizations, animations and multimedia presentations. **Prerequisite:** ARCH 104 with "C" or better.

ARCH 205 HISTORY OF THE BUILT ENVIRON-MENT I (ANTIQUITY – 18th CENTURY) – *Three hours; 3 credits*. This survey course introduces students to global examples of architecture, landscape and urban design, from Antiquity through the 18th century. Students are introduced

to formal patterns as well as the technological and cultural dynamics that influenced the development of the built environment in both western and non-western examples. **Prerequisite:** ENGL 101 with "C" or better.

ARCH 206 HISTORY OF THE BUILT ENVIRONMENT II (19th CENTURY – PRESENT) – *Three hours; 3 credits.* This survey course introduces students to global examples of architecture, landscape and urban design, from the 19th century to the Present. Students are introduced to formal patterns as well as technological and cultural dynamics that influenced the development of the built environment in both western and non-western examples. **Prerequisite:** ENGL 101 with "C" or better.

ARCH 207 SITE DESIGN – *Three hours; 3 credits.* This course introduces students to the principles and practices of site planning and design that take place within a biophysical and social context to accommodate human needs and aspirations. The course focuses on spatial information and mapping; site selection and site inventory and analysis; design and implementation: conceptual development and design development. **Prerequisite:** ARCH 103 with "C" or better.

ARCH 208 BUILDING MATERIALS I – *Three hours; 3 credits.* This course will intro- duce methods and materials commonly used in building construction as well as criteria for their evaluation and selection as part of the building design process. Students will become familiar with common building practices within our region as well as their environmental impact and alternative sustainable technologies. **Prerequisite:** ARCH 103 with "C" or better.
or CEGR 107 with "C" or better.

ARCH 209 BUILDING MATERIALS II – *Three hours; 3 credits.* The course will focus on the critical role of materials used in the design of commercial buildings. Students will explore the unique and interdependent characteristics of building materials through exercises focused on building assembly, detailing, construction methodologies, and environmental performance. **Prerequisite:** ARCH 103 with "C" or better.

ARCH 249 DESIGN AND CONSTRUCTION OBSERVATION – *One hour, 1 credit.*
This one credit course will provide the opportunity for students to observe the Professional Design Office and/or Construction Site under the supervision of an industry professional. The course will take place off-campus using real world projects to introduce students to roles of different members of a project team and the processes involved in the delivery of actual design and construction projects.
Prerequisite: None.

ARCH 301 DESIGN III: HOUSING STUDIO
– *Eight hours studio, two hours lecture; 6 credits.* This course focuses on the design of a series of infill projects of increasing scale and complexity for urban sites in Baltimore City. Projects will include a single residence, housing and mixed-use and develop skills including site design, program organization, structural organization, code analysis, vertical circulation and façade development. **Prerequisites:** ARCH 202 with "C" or better. (Formerly Design III-Intro to Urban Design).

ARCH 302 DESIGN IV: INTRO TO URBAN DESIGN– *Eight hours studio, two hours lecture; 6 credits.* This course introduces students to urban design for sites in Baltimore City. Students will analyze the existing settlement pat- terns, architectural character, environmental factors, transportation, use, history, demographics and other concerns affecting the areas of study. Students will then work individually and in groups on projects including master plans, streetscapes, individual blocks and infill buildings. **Prerequisite:** ARCH 301 with "C" or better. (Formerly Design IV-Housing Studio).

ARCH 303 SUSTAINABILITY – *Three hours; 3 cred- its.* This course explores "green technology" as well as the relationship between the built environment and such vital challenges as energy consumption, power supply, alternative energy sources, and building materials. Students further examine the social, ecological, and economic impact of built form on the environment by studying the relation- ship among natural, biological, ecological processes, urban sprawl, and environmental resources. The content of this course will be examined through the lens of the following six principles of "green design:" conserving energy, working with climate, minimizing new resources, respect for users, respect for site and holism. **Prerequisite:** ARCH 208 with "C" or better. (Formerly ARCH 405).

ARCH 304 URBAN DEVELOPMENT OF BALTIMORE – *Three hours; 3 credits.* The course introduces students to the principles and practices of urban planning using the Baltimore/Washington metropolitan areas as a case study. Students organize and carryout on-site case studies. **Prerequisite:** ARCH 205 with "C" or better.

ARCH 305 DESIGN AND HUMAN BEHAVIOR – *Three hours; 3 credits.* This course covers the cultural, social, and psychological factors of human behavior that must be taken into consideration when designing the environment. This includes considering the characteristics, causes, and consequences of acts, meanings, participation, relationships, and settings; plus the forms they assume and variations they display. Theories and methods of environmental assessment and design are studied based on an understanding of mutually supportive relationships between people and their physical environments. **Prerequisites:** ARCH 205 with "C" or better

ARCH 311 STATICS AND STRENGTH OF MATERIALS – *Three hours; 3 credits.* This course is devoted to the development and application of the principles of static mechanics and strength of materials as they relate to the analysis of building structures. **Prerequisites:** PHYS 101 &

either MATH 113 or MATH 126

ARCH 312 BUILDING STRUCTURAL SYSTEMS – *Three hours; 3 credits.* This course will familiarize students with common building structural systems including masonry, wood, steel, and concrete. Students will gain a conceptual understanding of how these systems perform as well as a familiarity with the organization, components, sizes, connections, methods of assembly, resistance to horizontal forces, cost and other factors affecting their application in buildings. **Prerequisite:** ARCH 311 with "C" or better.

ARCH 321 GRADING & DRAINAGE – *Three hours; 3 credits.* This course is the study of the shaping of the earth's surface in an ecological, technical and aesthetic manner with an emphasis on the technical ability to transform design ideas into physical reality. Specific topics include contours and slope analysis, the grading process, earth- work, storm runoff analysis, and grading as design. **Pre- requisite:** ARCH 207 with "C" or better.

ARCH 322 TECHNOLOGY RESOURCES FOR PLANNERS – *Three hours; 3 credits.* This course is an introduction to Geographic Information Systems and its specific application to the built environment profession. Topics include: spatial modeling, visual analysis, resource management, site design, master planning, and public advocacy. **Prerequisite:** ARCH 104 with "C" or better.

ARCH 331 ENVIRONMENTAL JUSTICE – *Three hours; 3 credits.* This course incorporates complex issues of environmental justice and social equity as important components to discussing community planning and public policy actions. This includes community-related environmental projects, e.g., public transportation services, housing supply, community development, public infrastructure, public education and health. The focus is to determine not only the social needs but also revenue and policy constraints so that environmental decisions become better informed, more accurate and less harmful. **Prerequisite:** ARCH 205 with "C" or better

ARCH 401 BUILDING DESIGN I – *Eight hours studio, two hours lecture; 6 credits.* This topical design studio will combine research activities with focused design project. Students will perform directed research and develop a level of expertise in a particular building type. This will be applied to design project(s). The design results will both reflect the students accumulated skills in addressing program, site, structure and building design and the depth of knowledge acquired from the research portion of the studio. **Prerequisites:** ARCH 302 with "C" or better. (Formerly Design Studio IV).

ARCH 402 BUILDING DESIGN II – *Eight hours studio, two hours lecture; 6 credits*. The premise of integrated de- sign is that bringing the project team together early and often in the design process is essential to the production of high performance buildings. This course will both look at contemporary practices in high performance buildings and simulate the integrated design process within the studio including bringing mechanical, structural and other de- sign consultants as students develop projects to a Design Development level of completion. **Prerequisites:** ARCH 302 with "C" or better. (Formerly Design Studio V).

ARCH 403 URBAN DESIGN I – *Eight hours studio, two hours lecture; 6 credits.* This studio is focused on community design with the physical environment viewed as a catalyst for community enhancement and revitalization. Typical issues of concern include, com- munity identity, the role of open space in urban neighborhoods, and sustainability, safety and livability. **Prerequisite:** ARCH 302 with "C" or better.

ARCH 404 URBAN DESIGN II – *Eight hours studio, two hours lecture; 6 credits.* This studio will focus on a mixed-use redevelopment project as a tool for physical, social and economic revitalization of urban areas. Issues of land use, transportation, preservation, sustainability and urban form will inform the planning and design process. **Prerequisite:** ARCH 302 with "C" or better.

ARCH 406 HISTORY OF THE BUILT ENVIRONMENT III – *Three hours; 3 credits.* This course focuses on the relation between architecture and architectural theory through the study of writings and built works by significant 19th and 20th century architects. Students will perform research and situate examples of contemporary practices within the context of theoretical traditions. **Prerequisite: ARCH 205 and** 206 with "C" or better.

ARCH 407 HISTORIC RESOURCE DOCUMENTATION – *Three hours; 3 credits*. This course is designed to train students in the Historic American Building Survey (HABS) techniques through supervised reading, fieldwork, and writing. Course work introduces students to the skills needed to conduct research, photograph and document both in written and graphic form. **Prerequisite:** None.

ARCH 408 BUILDING CONSERVATION – *Three hours; 3 credits.* This course examines common historical and contemporary building materials with the intention of understanding their basic properties, the ways they have been transformed into building elements, assemblies and systems, typical causes for their changes over time, and protocols for their conservation. **Prerequisite:** None.

ARCH 409 HISTORIC PRESERVATION: PERIODS, STYLES, & MOVEMENTS – *Three hours, 3 credits.* This course will examine American architecture from the late 18th, 19th and 20th century, not as an insular phenomenon, but as part of a transnational history of architectural periods, styles and movements. While the course focuses on buildings and architectural projects constructed within the national

boundaries of the United States of America between 1776 and the present. **Prerequisite:** None.

ARCH 410 DESIGN BUILD STUDIO – *Eight hours studio, two hours lecture; 6 credits*. This studio will focus on the design and construction of a building or structure. In addition to design process, students will explore the implications of cost, material selection, construction processes and real life performance criteria that influence the design of buildings. Student will gain hands-on experience and training in construction skills through on-site participation in the project. **Prerequisite:** ARCH 202 with "C" or better or Approval of Program Director.

ARCH 412 ADVANCED WALL SYSTEM DESIGN – *Three hours; 3 credits.* This course will expand upon the structural, mechanical, and design lessons students have accumulated to instruct students in intricate and innovative wall system construction. Information about recent construction industry innovations will complement extensive technical instruction about new uses of wall systems in environmental design. Throughout this course, techniques for designing and documenting wall section details will be introduced systematically, affording each student a repertoire of technical vocabulary and graphic skills suitable both for practical work and for design assembly explorations. **Prerequisites:** ARCH 208 with "C" or better.

ARCH 415 HISTORIC PRESERVATION – *Three hours; 3 credits.* This course introduces the student to the field of historic preservation, examining the history and theory of preservation in architecture and the built environment. Course work includes historical aspects, the issue of sustainability, state and local guidelines, preservation standards, career opportunities, and professional practices. **Prerequisites:** ARCH 205 and 206 with "C" or better.

ARCH 416 OFFICE PRACTICE AND MANAGE- MENT – *Three hours; 3 credits.* This course introduces students to IDP, NCARB and the ARE exams as preparation for professional careers. Students are also introduced to the office work environment, business models, AIA Contract Documents and the roles and responsibilities of the members of the building process. **Prerequisite:** ARCH 205 and 206 with "C" or better.

ARCH 418 HISTORY/THEORY SEMINAR – *Three hours; 3 credits.* This seminar will introduce students to advanced topics relating to the history and theory of architecture and environmental design. The topics will reflect individual faculty research interest and expertise. **Prerequisite: ARCH 205 and** 206 with "C" or better.

ARCH 422 PRODUCTION TECHNIQUES FOR LANDSCAPE ARCHITECTS – *Three hours; 3 cred- its.* The course introduces the principles, techniques, and activities necessary to develop a set of construction documents as related to the Landscape Architecture profession, including schedules and specifications. **Prerequisite:** ARCH 207 with "C" or better.

ARCH 423 ADVANCED BUILDING STRUCTURES – *Three hours; 3 credits*. This course will look at advanced and non-traditional building structural systems and material applications. Sources will include structures found in nature, traditional and non-western structures and contemporary explorations in structural design. The course involves a lab in which students will use the schools model shop to develop and test designs of structural materials and assemblies. **Prerequisite:** ARCH 312 with "C" or better.

ARCH 424 INTERIOR MATERIALS AND FINISHES – *Three hours; 3 credits.* The purpose of this course is to introduce students to materials, finishes and technologies used in interior design. Students will become familiar with material details, product specification and cost, durability and other factors affecting the design of interior spaces. **Prerequisite:** ARCH 208 with "C" or better.

ARCH 425 SUSTAINABLE PRESERVATION STUDIO – *six hours; 6 credits*. This course explores opportunities to learn adaptive reuse, build on the past while creating transformative and imaginative places; process begins with understanding significance, character-defining features and integrity; to design development approaches that respect and integrate new programs/uses, elements and systems. **Prerequisite:** ARCH 302 with "C" or better or ARCH 202 with "C" or better & Permission of Instructor.

ARCH 426 PLANT MATERIALS – *Three hours; 3 credits.* This course is an introduction to plant materials in terms of their botanical identification, design characteristics and ecological requirements. Trees, shrubs, vines, and ground covers commonly used in urban planting design are emphasized. **Prerequisite:** None.

ARCH 428 TECHNOLOGY SEMINAR I – *Three hours; 3 credits.* This seminar will introduce students to advanced topics in building technology. The topics will reflect individual faculty research interest and expertise. **Prerequisite:** ARCH 208 with "C" or better.

ARCH 429 TECHNOLOGY SEMINAR II – *Three hours; 3 credits.* This seminar will introduce students to advanced topics in building technology. The topics will reflect individual faculty research interest and expertise. **Prerequisite:** ARCH 208 with "C" or better.

ARCH 431 PUBLIC SPACE PLANNING – *Three hours; 3 credits.* This course investigates the physical, cultural and regulatory factors contributing to the design of public spaces. Case studies and field research will look at context and environmental factors including transportation networks, green spaces, land use patterns, and infrastructure, and performance standards including safety, government codes and regulations, accessibility guidelines etc. (Formerly Public Facilities Planning). **Prerequisite:** ARCH 205 and

206 with "C" or better.

ARCH 432 INTRODUCTION TO REAL ESTATE PLANNING I – *Three hours; 3 credits.* This course explores the theory, principles and practices of the various facets of the real estate industry, that impact on land use policy and thought, and the shaping of com- munities. Students learn the products and programs in use today to finance community development, as well as they explore innovative construction technologies that influence decision-making in real estate development and land use planning. **Prerequisite:** ARCH 208 with "C" or better.

ARCH 435 INTRODUCTION TO REAL ESTATE PLANNING II – *Three hours; 3 credits.* This course expands upon the theories, principles and practices of the real estate industry presented in Course I and incorporates a project management approach to address a land- use-planning situation. Students will work in teams to propose strategies, and design components that comprise a community development project plan. Students will structure the specifics of the project being designed and identify and propose the task to be undertaken for project implementation. **Prerequisite:** ARCH 208 with "C" or better.

ARCH 445 SEMINAR IN BUILT ENVIRON- MENT STUDY – *Three hours; 3 credits.* This seminar will introduce students to advanced topics relating to the history and theory of architecture and environmental design. The topics will reflect individual faculty research interest and expertise. **Prerequisite:** ARCH 205 and 206 with "C" or better.

ARCH 470 INTERIOR ARCHITECTURE STUDIO – *Eight hours studio, two hours lecture; 6 credits.* This studio course emphasizes the design of the entire interior environment encompassing all parts of the interior volume, and acknowledging the continuum between architecture and interiors. Both conceptual and practical issues are explored relative to programming, space planning, circulation, volume, furnishings, color, texture, lighting, and code requirements in the design of interior space. **Prerequisite:** ARCH 302 with "C" or better.

ARCH 498 ENVIRONMENTAL DESIGN INTERN- SHIP I – *Nine hours; 3 credits.* This course provides the opportunity for the student to obtain valuable supervised work experience at a professional firm, government agency, non-profit group or organization that is involved with planning, design or management practices that are related to the academic objectives within the BSAED curriculum. **Prerequisite**: Approval of Program Director.

ARCH 499 INDEPENDENT STUDY – *Three hours; 3 credits*, Individual student study performed under faculty supervision. The level of effort and subject matter must be equivalent to a 400 level Department course. **Prerequisite**: Approval of Program Director.

CONSTRUCTION MANAGEMENT COURSE OFFERINGS

CMGT 201 CONSTRUCTION METHODS I– *Three hours; 3 credits*. The study, analysis, and application of project planning, work methods, materials, equipment, and power tool and equipment safety methods employed on residential construction projects. **Prerequisite**: None

CMGT 211 CONSTRUCTION PLANNING AND SCHEDULING – *Three hours; 3 credits.* The course deals with the planning and design of construction processes. Course topics include production systems, behavior of construction systems and workers, the relationships between systems in the construction process, and scheduling queuing systems. Students will be introduced to building information modeling technology for planning and scheduling. **Prerequisite**: None

CMGT 241 INTRODUCTION TO CONSTRUCTION MANAGEMENT – *Three hours; 3 credits.* This course is an introduction to basic principles and skills required to organize and manage large construction projects, including the issues of liability and coordination responsibilities of the owner, project manager, general contractor, sub-contractor, and design professionals. Students will be introduced to building information modeling technology for construction managers. **Prerequisites**: None.

CMGT 242 CONSTRUCTION OPERATIONS – Three hours; *3 credits.* This course introduces the basic principles and elements required to organize, operate and manage small-, medium-, and large-sized construction companies. It focuses on the operation from the executive perspective: contractual responsibilities and the roles of contractor owner, and design and engineering professionals. It also explores the issues of labor relations and dispute resolution. **Prerequisite**: None.

CMGT 301 SITE PLANNING AND SURVEYING – *One hour lecture, four hours laboratory; 3 credits*. This course introduces students to the principles and practices of site planning and surveying. The planning section focuses on spatial information and mapping, topographic surveys, site selection and programming, site inventory and analysis; while the surveying section covers coordinates, directions, distances and elevations. **Prerequisites**: None.

CMGT 311 CONSTRUCTION SAFETY MANAGEMENT – *Three hours; 3 credits*. This course will cover construction safety with Occupational Safety and Health Administration (OSHA) emphasis, general safety and health provisions, records, and safety management programs. **Prerequisite**: None

CMGT 401 SUSTAINABLE CONSTRUCTION PRACTICES I – *Three hours; 3 credits*. This course will cover components of the LEED rating system, including benefits of green building, return on investment (ROI), green building tools and resources, and case studies with lessons learned. Students will be introduced to building information modeling technology for sustainable construction. **Prerequisite**: None

CMGT 411 CONSTRUCTION LAW AND CONTRACTS – *Three hours; 3 credits.* The course presents the legal aspects of construction contracts and documents and the application of Maryland and federal case law to construction and development claims and litigation. **Prerequisite**: None.

CMGT 420 ENVIRONMENTAL CONTROLS – *Three hours; 3 credits.* This course covers basic principles of plumbing, HVAC systems, electric, illumination, and acoustics in environmental design and construction. It expands the student's understanding of the nature and characteristics of various environmental systems as well as to develop their ability to make choices between systems that best resolve the problems associated with cost, social accommodation, operating efficiency, durability, scheduling, safety, and aesthetics. Students will be introduced to building information modeling technology for environmental controls. **Prerequisite**: None.

CMGT 441 PRODUCTION TECHNIQUES – *Three hours; 3 credits*. This course introduces the steps and activities necessary to develop a set of construction documents, including schedules and specifications as related to detailed plans for structures and site development. Students will be introduced to building information modeling technology for production. **Prerequisite**: None. (Formerly ARCH 441).

CMGT 442 CONSTRUCTION COST ESTIMATING – *Three hours; 3 credits.* This course introduces the role of cost estimating in the various phases of the construction process. It explores the cost data and review procedures, quantity take-off rules and procedures, and construction cost estimating. Students will be introduced to building information modeling technology for cost estimating. **Prerequisite**: None (Formerly ARCH 442).

CMGT 498 CONSTRUCTION MANAGEMENT INTERNSHIP – *Nine hours; 3 credits*. Supervised professional experiences in firms or companies involved in the construction industry. A presentation by the student will be held to summarize his/her internship experience. **Prerequisite**: At least 9 credits of core construction management courses. Must be approved by Department.

MORGAN STATE UNIVERSITY
SCHOOL OF ARCHITECTURE AND PLANNING
BACHELOR OF SCIENCE DEGREE IN ARCHITECTURE & ENVIRONMENTAL DESIGN
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORAP 107	Fresh Orie for ARCH & CMGT	1
ARCH 101	Conc. & Theor. of Built Env. I	3
ARCH 103	Communication Skills I	3
ENGL 101	Freshman Composition I	3
XXXX – SB	General Education Requirement	3
XXXX – HH	General Education Requirement	3
		16

FRESHMAN YEAR (SECOND SEMESTER)

ARCH 104	Communication Skills II	3
ARCH 205	History of the Built Env. I	3
ARCH 207	Site Design	3
ENGL 102	Freshman Composition	3
MATH 113	Mathematical Analysis I	3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

ARCH 201	Design I	6
ARCH 206	History of the Built Env. II	3
ARCH 208	Building Materials I	3
XXXX – SB	General Education Requirement	3
PHEC XXX	Physical Ed. Activity Elective	1
		16

SOPHOMORE YEAR (SECOND SEMESTER)

ARCH 202	Design II	6
ARCH 203*	Communication Skills III	3
ARCH 209	Building Materials II	3
PHYS 101	Intro to Physics I	4
		16

JUNIOR YEAR (FIRST SEMESTER)

ARCH 301	Design III-Housing	6
ARCH XXX	History & Theory Elective	3
ARCH XXX^	Technology Elective	3
XXXX – BP	General Education Requirement	3
		15

JUNIOR YEAR (SECOND SEMESTER)

ARCH 302	Design IV-Urban Design	6
ARCH XXX	History & Theory Elective	3
ARCH XXX^	Technology Elective	3
XXXX – AH	General Education Requirement	3
		15

SENIOR YEAR (FIRST SEMESTER)

ARCH XXX**	Fourth Year Studio	6
ARCH XXX	ARCH Elective	3
HIST 350	Intro to African Diaspora	3
PHIL 109	Intro to Logic	3
		15

SENIOR YEAR (SECOND SEMESTER)

ARCH XXX**	Fourth Year Studio	6
ARCH XXX	ARCH Elective	3
XXXX – AH	General Education Requirement	3
		12

TOTAL CREDIT HOURS 121

*ARCH 203 fulfills Information, Technological and Media Literacy (IM) general education requirement

**ARCH XXX FOURTH YEAR STUDIO requirement may be fulfilled by the following courses:

ARCH 401 – Building Design I
ARCH 402 – Building Design II
ARCH 403 – Urban Design I
ARCH 404 – Urban Design II
ARCH 410 – Design Build Studio
ARCH 425 – Sustainable Preservation Studio
ARCH 470 – Interior Architecture Studio

^ Students planning to pursue a professional degree in Architecture by applying for the 3+2 BSAED and M.Arch Program must register for ARCH 311 and ARCH 312 in the junior year of the program. MATH 113 or Approved MATH course and PHYS 101 is a prerequisite for ARCH 311.

MORGAN STATE UNIVERSITY
SCHOOL OF ARCHITECTURE AND PLANNING
BACHELOR OF SCIENCE IN CONSTRUCTION MANAGEMENT
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ORAP 107	ORIEN. FOR ARCH & CMGT MAJ.	1
ENGL 101(EC)	ENGLISH COMPOSITION I	3
XXX (SB)	SB GEN. EDUCATION REQ.	3
MATH 113(MQ)	MATHEMATICAL ANALYSIS I	4
CEGR 107	COMPUTER AIDED DRAFTING	3
		14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 (EC)	ENGLISH COMPOSITION II	3
XXX (SB)	SB GEN. EDUCATION REQ..	3
PHYS 101(BP)	INTRO TO PHYSICS	4
SPCH 101	SPEECH COMMUNICATIONS	3
PHEC XXX	PHYS. ED. ACTIVITY ELEC	1
		14

SOPHOMORE YEAR (FIRST SEMESTER)

CMGT 241	INTRO TO CONSTRUCTION MNG'T	3
CHEM 101	GENERAL CHEMISTRY	3
CHEM 101L	GENERAL CHEMISTRY LAB	1
INSS 141(IM)	INTRO COMP. BASED-SYSTEM	3
XXX (AH)	AH GEN. EDUCATION REQ.	3
XXX (HH)	HH GEN. EDUCATION REQ.	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

ARCH 208	BUILDING MATERIALS	3
CMGT 201	CONSTRUCTION METHODS I	3
XXX (BP)*	BP GEN. EDUCATION REQ..	3
XXX (AH)	AH GEN. EDUCATION REQ.	3
ACCT 201	PRIN. OF ACCOUNTING I	3
		15

SUMMER

CMGT 498	CONST.. MGMT INTERNSHIP	**3**

JUNIOR YEAR (FIRST SEMESTER)

ARCH 311	STATICS & STRENGTH OF MAT.	3
CMGT 442	CONST. COST ESTIMATING	3
CMGT 301	SITE PLANNING & SURVEYING	3
ECON 212	PRIN. OF ECONOMICS II	3
MGMT 324	ORGANIZATIONAL BEHAVIOR	3
		15

JUNIOR YEAR (SECOND SEMESTER)

ARCH 312	BLDG STRUCT. SYSTEMS	3
CMGT 242	CONST. OPERATIONS	3
CMGT 441	PRODUCTION TECHNIQUES	3
CMGT 211	CONST. PLAN. & SCHED.	3
MGMT XXX	MANAGEMENT ELECTIVE	3
		15

SENIOR YEAR (FIRST SEMESTER)

CMGT 420	ENVIRONMENTAL CONTROLS	3
CMGT 401	SUSTAINABLE CONST. PRACTICES I	3
XXX	BUAD or MGMT ELECTIVE	3
XXX	BUAD or MGMT ELECTIVE	3
HIST 350 (CI)	INTRO TO AFRICAN DIASPORA	3
		15

SENIOR YEAR (SECOND SEMESTER)

CMGT 311	CONST. SAFETY MGMT	3
CMGT 411	CONST. LAW & CONTRACTS	3
PHIL 109 (CT)	INTRO TO LOGIC	3
MGMT XXX	MANAGEMENT ELECTIVE	3
ARCH 249	DESIGN & CONST. OBSERV.	1
		13

TOTAL CREDIT HOURS **120**

*Students can take any of the following courses to fulfill a PHYS. SCIENCE ELECTIVE: PHYS 105, EASC 201, EASC 202, EASC 203, EASC 301, TRSS 301, GEOG 101, GEOG 104, GEOG 105

THE EARL GRAVES SCHOOL OF BUSINESS

DEPARTMENT OF ACCOUNTING AND FINANCE
(Accounting, Finance)

DEPARTMENT OF BUSINESS ADMINISTRATION
(Business Administration, Entrepreneurship, Hospitality Management, Management, Marketing)

DEPARTMENT OF INFORMATION SCIENCE AND SYSTEMS

THE EARL G. GRAVES SCHOOL OF BUSINESS AND MANAGEMENT

Dr. Fikru H. Boghossian, Dean

MISSION

The mission of the Earl G. Graves School of Business and Management is to:

(1) Offer high quality undergraduate, masters, doctoral, and executive education programs that prepare a diverse student population to succeed as business professionals and to become engaged citizens in their neighborhoods and the global economy,

(2) Conduct scholarly research that advances theory and practice in the business disciplines, contributes to teaching and learning, enhances the performance of organizations and informs public policy decision making,

(3) Contribute to local, state, regional, and national economic development initiatives in the pursuit of widely shared prosperity and well-being.

CORE VALUES

The core values below guide the promotion of student learning and success, faculty scholarship and research and community engagement at the SBM.

Excellence: Excellence in teaching, research, scholarship, creative endeavors, student services and in all aspects of the School's operations is continuously pursued to ensure institutional effectiveness and efficiency.

Integrity: At the SBM, honest communications, ethical behavior and accountability for words and deeds are expected from all members of the School community.

Respect: Each person within the SBM is to be treated with respect and dignity and is to be treated equitably in all situations.

Diversity: A broad diversity of people and ideas are welcomed and supported at the School as essential to quality education in a global interdependent society.

Innovation: The SBM encourages and supports its faculty, staff, and students in all forms of scholarship including the discovery and application of knowledge in teaching and learning.

Leadership: The SBM seeks to provide rigorous academic curricula and challenging co-curricular opportunities to promote the development of leadership qualities in students and to facilitate leadership development among faculty, staff and students.

GOALS AND OBJECTIVES

A. *Enhancing Student Success*

1. Improve retention and degree completion.
2. Increase student enrollment.
3. Recruit, retain, and support excellent faculty.
4. Enhance students' educational experiences.

B. *Enhancing the School's Status as a Doctoral Research University*

1. Increase the number of doctorates awarded within the School.
2. Increase opportunities for students to participate in research.
3. Ensure that policies for enhancing doctoral achievement for underrepresented people of color are given adequate attention.

C. *Enhancing Internal Operations*

1. Continue to provide an efficient, technology-based operating system that is responsive to student needs and supports staff/faculty effectiveness in teaching, scholarship and service.

D. *Growing the School's Resources*

1. Increase the alumni giving rate.
2. Increase the number and size of grants awarded.
3. Develop the School's fund raising capacity from corporations.

E. *Engaging with the Community*

1. Stimulate local economic development.

MEASURES OF SUCCESS

1. *Faculty*
   Academic and professional credentials
   Scholarly accomplishments
   Demographic profile – Diversity
   Financial resources available for faculty support

2. *Student body*
   Number and quality of applicants—SAT scores
   Demographic profile – Diversity

3. *Curriculum*
   Alumni assessment
   Corporate partners' review
   Accreditation reviews

4. *Instruction and student services*
   Student/faculty ratios
   Graduating students' assessment
   Alumni assessment

5. *Placement*
   Placement statistics
   Graduating students' assessment—Internships

6. *Financial support*
   Annual contributions

7. *Alumni relations*
   Alumni assessment

   Alumni support

8. *Staff*
   Diversity
   Staff survey – Satisfaction
   Retention

9. *Technology*
   Financial resources
   User survey
   Maintenance

REQUIREMENTS FOR MAJORS IN THE SCHOOL OF BUSINESS AND MANAGEMENT

All students admitted to Morgan State University for the Fall 2015 and any intra-University transfer students must follow the curriculum outlined herein.

Students enrolled in the School of Business and Management before the Fall of 2015 will be required to follow either the catalog in which they were admitted or an appropriate catalog based on the University's statute of limitations.

General Education Requirements

Students should consult the Academic Affairs section of this catalog for information concerning the University's General Education Requirements.

Supporting Courses Requirements

In addition to the University General Education Requirements, students within the School of Business and Management must take the following courses:

MATH 113	Intro to Math Analysis I
MATH 118	Finite Mathematics
MATH 201	Calculus for Non-Science Majors
ECON 211	Principles of Economics I (Macro)
ECON 212	Principles of Economics II (Micro)

MATH 113 satisfies the University's General Education requirements. However, students may be placed directly into MATH 201 by placement examination, in which case MATH 201 would satisfy the General Education requirement. Students placed directly into MATH 201 will have to complete a three credit elective course to satisfy graduation requirements.

EARL G. GRAVES SCHOOL OF BUSINESS AND MANAGEMENT REQUIREMENTS

All students majoring in disciplines in the Earl G. Graves School of Business and Management must complete the following courses:

ACCT 201	Principles of Accounting I
ACCT 202	Principles of Accounting II
BUAD 202	Business Leadership Seminar
BUAD 326	Business, Ethics & Society
BUAD 327	Fundamentals of International Business
BUAD 381	Legal and Ethical Environment of Business
BUAD 499	Business Policy
ENGL 357	Business Communications
FIN 343	Managerial Finance
INSS 141	Introduction to Computer-Based Systems
INSS 220	Analytical Decisions in Business and Management
INSS 360	Management Information Systems
MGMT 324	Organizational Behavior
MGMT 328	Production and Operations Management
MKTG 331	Principles of Marketing

INSS 141 satisfies the University's General Education Requirement for Information, Technological, and Media Literacy. Therefore, students who have successfully passed the INSS 141 core course will have met both the University's and the School of Business and Management's requirements.

All lower division level courses must be completed before enrolling in upper division courses.

MAJOR REQUIREMENTS
Students should consult the departmental listings for major requirements.

Degree Requirements for B.S. Degree Programs within The School of Business and Management

The Bachelor of Science Degree shall be awarded for the successful completion of an undergraduate curriculum in business. The minimum requirements for the receipt of the Bachelor of Science degree are stated below:

1. The completion of a minimum of 120 credits including the general education requirements, the School of Business and Management requirements, and the department major requirements.
2. All 400-level courses of the departmental major requirements must be taken at Morgan State University.
3. No grade less than a "C" may be presented to fulfill the School and departmental major requirements, including all supporting courses.

In order to evaluate student learning, the School of Business and Management has established the following learning goals:

1. Effective Communication

- Be able to organize, present, discuss and defend positions effectively through formal written reports and summaries
- Be able to make clear, informative and persuasive presentations using appropriate visual aids
- Be able to communicate effectively electronically, i.e., via e-mail and the internet
- Listen to the ideas and opinions of others
- Understand the role of cultural diversity in domestic and global business and be able and willing to interact with a diverse population

2. Ethics

- Understand the impact of legal, ethical and ecological issues in business decision-making
- Understand the concept of social responsibility and be able to act ethically and with integrity, both individually and as a member of a group
- Accept responsibility for their decisions

3. Critical Thinking

- Be able to identify and define problem statements
- Be able to seek information and data most relevant to the problem
- Be able to evaluate options, taking into account the advantages and disadvantages of each option, and the consequences of decisions
- Be able to identify and understand the boundaries and constraints of the evaluation process
- Be able to develop implementation plans for continuous improvement

4. Technology

- Be familiar with technologies used in written and oral communication
- Recognize the relevance of life-long learning in an environment of rapidly changing technological knowledge
- Be familiar with relevant technologies used in solving business problems

5. Discipline Specific

- Knowledge of how the functional areas of business interact
- Be able to understand the fundamental principles of each functional area
- Possess the managerial skills necessary for the effective interaction of the functional areas
- Be able to integrate functional knowledge into the strategic planning process
- Be aware of the dangers of skills obsolescence

Additional Information

TRANSFER STUDENTS: Consistent with University policy, the Earl G. Graves School of Business and Management will accept as transfer equivalent courses from a two-year higher education institution only those courses that address the following areas:

- Principles of Accounting I and II
- Intermediate Accounting I (Accounting majors only; must be validated by a higher level course)
- Legal and Ethical Environment of Business
- Business Communications
- Principles of Marketing (Marketing majors only; must be validated by a higher level course)
- Managerial Finance (Finance majors only; must be validated by a higher level course)
- Economics I and II
- Introduction to Hospitality Management

Students transferring from four-year institutions must complete at least 50 percent of the School of Business and Management requirements at Morgan.

The School of Business and Management will accept transfer credits from an AACSB accredited business program. Transfer credit from non-accredited AACSB programs is limited to lower division courses. Exceptions may be made with the approval of the Dean.

Intra-University Transfer

Students who wish to transfer into the Earl G. Graves School of Business and Management from another academic program within the University must have achieved a minimum grade point average of 2.0.

Off-Campus Courses

Students who wish to take courses at another University must receive prior approval of the Dean.

HONORS SEMINARS CATALOG DESCRIPTIONS

The Honors Seminars in Professional Development

These courses are experiential professional development seminars for honors students. During the courses, students practice their "soft skills" in order to facilitate continuous learning and professional development while in the School of Business. The Seminar includes a speaker series, workshops and service activities. Students have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership, and service.

First-time freshmen take Seminar each semester they are enrolled at Morgan, beginning with BUAD 108 Seminar in the fall of their freshman year. Similarly, transfer or continuing students who enter the Honors Program typically begin the series by enrolling in BUAD 108 (Fall) or BUAD 109 (Spring). Transfer or continuing students who believe they have sufficient experience to begin the series at an advanced level should see the course professor for approval.

Second-year students (BUAD 208 and 209) are expected to display competence at an intermediate level. Their written communication skills are more polished and they are more adept at asking questions, taking on quasi-supervisory roles in their team activities. Their knowledge of the business world is broadened by exposure to additional guests. Second-year students take on the role of moderator for guest speakers, developing their social networking and group facilitation skills.

Third-year students (BUAD 308 and 309) are expected to display competence at an advanced level. Third-year students are adept at researching guests, their companies and their industries. Having been exposed to a wide variety of speakers and companies, they are comfortable acting as moderator or facilitator for a session with little outside supervision. Their questions reflect material learned in their core business courses and their internship experiences. They readily interact with guests in Seminar and reception settings, and they take on leadership roles in Seminar by acting as coordinators of Honors Program activities. Third-year students help first and second-year students become acclimated in the program.

Senior honors students (BUAD 408 and 409) are expected to have mastered leadership and professional development skills. They serve as role models for other students in the program by asking insightful questions that reflect both the range and depth of the knowledge acquired in their core and major area courses and through their internship experiences. They are able to coordinate and implement specific activities with minimal supervision. They are given opportunities to explore additional topics of interest to graduating seniors, such as preparation for graduate school and the transition from college to the world of work.

Honors Program

The School of Business and Management (SBM) honors students (as determined by the University Honors Program) must successfully complete Honors Freshman Orientation (ORBM 112), Honors Business Leadership Seminar (BUAD 212), Honors Business Policy (BUAD

498) and one course from their major to complete the four-course requirement. In addition, honors students must take the Honors Seminars in Professional Development each semester.

ACCOUNTING AND FINANCE DEPARTMENT

Accounting

ACCT 401	Advanced Accounting
ACCT 402	Governmental and NFP Accounting
ACCT 498	Accounting Research Project

Finance

FIN 498	Finance Research Project

BUSINESS ADMINISTRATION DEPARTMENT

Business Administration

BUAD 452	Advanced Entrepreneurship
BUAD 456	Special Topics in Business Administration

Hospitality Management

HOMG 219	Food Service Management and Operations
HOMG 412	Meeting and Convention Management

Marketing

MKTG 345	Services Marketing
MKTG 465	Special Topics in Marketing

INFORMATION SCIENCE AND SYSTEMS

Information Science and Systems

INSS 260	Object-oriented Programming
INSS 460	Enterprise Information Systems II

The School of Business and Management Honors students participate in structured activities and experiences designed to both challenge them and to ensure that they have every opportunity to fully develop personally and professionally. Honors students should refer to the Honors Seminar Guidelines for detailed information about the program.

ACCOUNTING AND FINANCE

Chairperson of the Department: ASSOCIATE PROFESSOR SHARON GARY FINNEY; Professors: GLADSON NWANNA, HUEY-LIAN SUN, ALEX TANG; Associate Professors: KANG CHENG, YU CONG, PHYLLIS KEYS, BILAL MAKKAWI, BUAGU MUSAZI, VANTHUAN NGUYEN, SHEELA THIRUVADI Assistant Professors: KELLY CARTER, DINA EL-MAHDY, PAMELA QUEEN, CYNTHIA TOLLERSON; Instructors: KAREN ROBINSON, SAMUEL DEAL.

MISSION OF THE DEPARTMENT OF ACCOUNTING AND FINANCE

The mission of the Department of Accounting and Finance is to provide a high quality education for a diverse student population that prepares graduates for career success, and engage in scholarship that advances theory and practice in accounting and finance, contributes to accounting and finance practice and enhances teaching and learning.

THEACCOUNTING MAJOR

OBJECTIVES OF THE ACCOUNTING PROGRAM

1. Provide students with the technical and professional knowledge needed for entry-level positions in all areas of accounting.
2. Develop and enhance the skills needed for success in accounting careers including communication and interpersonal skills, technological skills, research skills, and problem-solving skills.
3. Provide students with exposure to global, political, social, legal, regulatory, ethical and environmental issues as these issues relate to business and accounting.
4. Offer a well-rounded business education and accounting foundation sufficient for future career growth and further educational development.
5. For students interested in becoming Certified Public Accountants (CPAs):
   a. Offer the courses required by the state of Maryland to sit for the CPA examination, and
   b. Provide opportunities for students to obtain the 150 credit hours required to become a CPA.

REQUIREMENTS FOR A MAJOR IN ACCOUNTING

In addition to the General Education requirements, accounting majors must also complete the School of Business and Management requirements and Accounting Major requirements. Under the School of Business and Management requirements, accounting majors must take ACCT 211 and ACCT 212, instead of ACCT 201 and ACCT 202. ACCT 211 and 212 are Principles of Accounting I and II for Accounting Majors.

Also, one SBM elective is required under the School of Business and Management requirements. Any 300 level course in the business school may be taken to satisfy the SBM elective. However, students expecting to sit for the CPA examination in the State of Maryland should take BUAD 382 (Business Law) for the SBM elective since this course is required for the CPA examination.

In addition, accounting majors must take 24 credit hours in accounting major requirements as listed below:

Required Accounting Courses (21 credits): Credits

ACCT 300	Cost Accounting	3
ACCT 308	Accounting Information Systems	3
ACCT 320	Federal Taxation-Individuals	3
ACCT 331	Intermediate Accounting I	3
ACCT 332	Intermediate Accounting II	3
ACCT 406	Auditing	3
ACCT 499	Contemporary Issues in Accounting	3

Accounting Electives (3 credits): Any one of the following:

ACCT 307	International Accounting	3
ACCT 321	Federal Taxation-Business Entities	3
ACCT 401	Advanced Accounting	3
ACCT 402	Govt., Non-Profit Accounting	3

Both of the following two courses may be completed to substitute for one accounting elective:

ACCT 480	Volunteer Income Tax Assistance	1
ACCT 497	Accounting Internship/Cooperative Education	2

THE 150-CREDIT HOUR CPA EXAMINATION REQUIREMENT

The State of Maryland also requires candidates for the CPA examination to complete 150 credit hours before receiving the CPA license. Students have two options for satisfying the 150-hour requirement. They are:

1) take additional undergraduate courses in the major or any other courses (recommended courses include information systems, computer science, communications, finance and foreign languages); or
2) pursue the general MBA or the MPA (master's in accounting) degree as offered by the SBM. Senior students with an overall GPA of 3.0 or better may register for up to six (6) credit hours of graduate (MBA or MPA) courses at Morgan
3) During the senior year, before completion of the undergraduate program.

Students who plan to enter either the MBA or MPA graduate program at Morgan State University to satisfy the

150-hour requirement after completing the undergraduate degree at Morgan should take the Graduate Management Admissions Test (GMAT) during the summer after the junior year and apply for the masters' program during the second semester of the senior year.

ACCOUNTING MAJOR WITH MINOR IN INFORMATION SCIENCE AND SYSTEMS
For those students planning to have a minor in Information Science and Systems, four additional INSS courses are required beyond those required for the accounting major. Such students should consult with the INSS department concerning these requirements. Since the course requirements for the minor in Information Science and Systems require prerequisite courses, it is recommended that students make an early decision to pursue the minor and start taking these courses in the first semester of their junior year. Delay in the decision of having a minor in Information Science and Systems may result in extra time in school to complete the required courses.

ACCOUNTING MAJOR WITH MINOR IN FINANCE For accounting students planning to have a minor in Finance, the following finance courses are required: FIN344, FIN 345, FIN 422; and one of the following courses: FIN 423, FIN 443, FIN 444 or FIN 446. The minor in finance will take at least two semesters to complete.

REQUIREMENTS FOR A MINOR IN ACCOUNTING FOR STUDENTS ENROLLED IN THE GRAVES SCHOOL OF BUSINESS AND MANAGEMENT
For business students desiring a minor in Accounting, four accounting courses beyond the business core are required: ACCT 331, ACCT 300 and any two of the following courses: ACCT 308, ACCT 320 or ACCT 332. The minor in accounting will take at least two semesters to complete. Students interested in a career in auditing may take ACCT 331, ACCT 332, ACCT 406 and one of: ACCT 300, ACCT 308 or ACCT 320.

HONORS PROGRAM
The department participates in the University Honors Program. All Honor Students enrolled in the School of Business and Management are required to take noncredit Professional Development Seminars during each semester enrolled. Honor students who are Accounting majors are required to take at least one of the following honors courses: ACCT 401 or ACCT 402.

ACCOUNTING COURSE OFFERINGS
ACCT 201 PRINCIPLES OF ACCOUNTING I - *Three hours; 3 credits.* This is an introductory accounting course with a focus on financial accounting. The course introduces the accounting cycle that includes the double entry system for recording transactions, adjusting and closing entries, and preparation of financial statements. In addition, the accounting for merchandising activities, inventory valuation, receivables, short-term investments, plant assets, natural resources, intangible assets and current liabilities are discussed. **Prerequisites:** ENGL 101, INSS 141 and MATH 113
with a grade of "C" or better. (FALL, SPRING).

ACCT 202 PRINCIPLES OF ACCOUNTING II - *Three hours; 3 credits.* This course is a continuation of ACCT
201 with a focus on financial accounting for the first half of the course and a focus on managerial accounting for the second half of the course. The financial accounting topics include the accounting for partnerships and corporations, long-term liabilities, long-term investments, international accounting, and financial statement analysis. The managerial accounting topics include the accounting measurements, concepts, procedures and analysis for product costing, managerial planning, control and decision-making. **Prerequisite:** ACCT 201 with a grade of "C" or better. (FALL, SPRING).

ACCT 211 PRINCIPLES OF ACCOUNTING I FOR ACCOUNTING MAJORS – Three hours; 3 credits. This is an introductory accounting course focusing on financial accounting designed specifically for accounting majors. It emphasizes the accounting cycle including the accrual-basis system for recording transactions, adjusting entries, financial statement preparation, and closing entries. Other topics to be covered are: accounting for merchandising activities, valuation accounts receivable, inventory, short term investments, plant assets, natural resources, and current liabilities.

ACCT 212 PRINCIPLES OF ACCOUNTNG II FOR ACCOUNTING MAJORS – Three hours; 3 credits. The purpose of this course is to provide a basic knowledge of accounting principles, theories and concepts. This course is a continuation of ACCT 211 with emphasis on managerial accounting topics. Topics to be covered include: financial statement analysis, concepts, procedures and analysis for product costing, managerial planning, control and decision-making, budgetary planning and control, and capital investments. This course is required of all accounting majors.

ACCT 300 COST ACCOUNTING - *Three hours; 3 credits.* This course provides in-depth coverage of cost behavior, product costing, cost-volume-profit analysis, budgeting, cost structures for variance analysis, direct costing, and activity based costing and special managerial decisions. The design, interpretation and identification of opportunities and methods for

improving costs and performance are discussed. **Prerequisite:** ACCT 202 with a grade of "C" or better**.** (FALL, SPRING).

ACCT 307 INTERNATIONAL ACCOUNTING – *Three hours; 3 credits.* This course addresses how the internationalization of capital markets and the dramatic increase in the foreign direct investments of multinational enterprises have increased the need for relevant, timely and comparable information about the activities of business enterprises having operations in more than one nation. This course describes some of the historical and current developments that push for commonality in accounting and reporting standards at national, regional, and international levels. International Financial Reporting Standards (IFRS) are covered. **Prerequisite:** ACCT 300 with a grade of "C" or better. (SPRING).

ACCT 308 ACCOUNTING INFORMATION SYSTEMS - *Three hours; 3 credits.* This course studies accounting systems that include the events and the steps of the accounting cycle, from source documents to the preparation of financial statements, both manual and computerized. Additional topics covered are internal controls, the impact of technology on accounting systems, data management and e-commerce. The course stresses problem solving, critical thinking, and computer application skills. The course also provides hands-on experience with accounting, flowcharting, and database software. **Prerequisites:** ACCT 202 and INSS 360 with a grade of "C" or better. (FALL, SPRING).

ACCT 310 HOSPITALITY MANAGEMENT ACCOUNTING - *Three hours; 3 credits.* This course is open only to NON-ACCOUNTING major students. The course focuses on accounting in the hospitality industry. Accounting concepts, statements and principles are discussed relative to the accounting cycle. Financial and managerial accounting techniques and processes applicable to the measurement and management of assets and liabilities are covered. Ethics, global diversity and technology as they re- late to hospitality management are introduced. **Prerequisite:** ACCT 201 with a grade of "C" or better. (FALL).

ACCT 320 FEDERAL INCOME TAX I- *Three hours; 3 credits.* This course introduces theories underlying federal tax law. The course also briefly covers types of tax audits and the appeals process. Major topics covered are: exemptions, filing status, income inclusions and exclusions, deductions for employee and self-employed taxpayers, property transactions, capital gains and losses, amended tax returns, individual and business tax credits, and introduction to employee retirement plans. Students prepare tax returns throughout the course using commercial tax preparation programs and complete some tax research for compliance and planning. **Prerequisite:** ACCT 202 with a grade of "C" or better. (FALL, SPRING).

ACCT 321 FEDERAL INCOME TAX II - *Three hours; 3 credits.* This course focuses on the principles and application of federal tax law to C-Corporations, S-Corporations, and Partnerships. Some coverage is also devoted to international taxation of U.S. corporations and individuals having foreign-source income, estate and gift taxation, fiduciary taxation – trusts and estates, and taxation of beneficiaries who receive distributions from trusts and estates. Students prepare tax returns throughout the course using commercial tax preparation programs and complete some tax research for compliance and planning. **Prerequisite:** ACCT 320 with a grade of "C" or better. (SPRING).

ACCT 331 INTERMEDIATE ACCOUNTING I - *Three hours; 3 credits.* The course gives an intense coverage of financial accounting theory and practice, including the conceptual framework underlying financial accounting, statement of income and retained earnings, balance sheet and statement of cash flows, cash and receivables, inventory valuation, long-term assets and cur- rent liabilities. **Prerequisites:** ACCT 201 and ACCT 202 with a grade of "C" or better. (FALL, SPRING).

ACCT 332 INTERMEDIATE ACCOUNTING II - *Three hours; 3 credits.* The course is a continuation of ACCT 331 with an intense coverage of the accounting theory and practice for long-term liabilities, contributed capital, retained earnings, EPS calculations, temporary and long term investments, revenue recognition principles, deferred income taxes, pensions, leases, accounting changes and error analysis. **Prerequisite:** ACCT331 with a grade of "C" or better. (FALL, SPRING).

ACCT 401 ADVANCED ACCOUNTING (Honors) - *Three hours; 3 credits.* This course provides an in-depth coverage of accounting concepts, principles, and procedures applicable to partnerships; contemporary financial accounting theories and practices for complex business entities; mergers and consolidated financial statements; fundamental aspects of international accounting principles; and analytical approaches to solve complex accounting problems. **Prerequisites:** ACCT 331 and ACCT 332 with a grade of "C" or better. (FALL).

ACCT 402 GOVERNMENTAL & NON-PROFIT ACCOUNTING (Honors) - Three hours; 3 credits. Accounting principles, concepts, and practices in local, state and other government units are covered with em-

phasis on fund accounts. The related budgetary and encumbrance procedures are included. Financial accounting principles and practices related to hospitals, colleges/universities, and other non-profit organizations are also covered. Prerequisites: ACCT 331 and ACCT 332 with a grade of "C" or better. (SPRING).

ACCT 406 AUDITING - *Three hours; 3 credits.* This course approaches the study of auditing as a decision making process. This process entails accumulation and evaluation of evidence to determine and report on the degree of correspondence between the information and economic reality. It emphasizes auditing as a risk based discipline. **Prerequisites:** ACCT 300, ACCT 308, ACCT 331, and ACCT 332 with a grade of "C" or better. (FALL, SPRING).

ACCT 480 VOLUNTEER INCOME TAX ASSISTANCE (VITA) - *Two hours; 1 credit.* This course provides fieldwork in the preparation of individual income tax returns (State and Federal) covering topics of gross income, deductions and credits. **Prerequisite:** ACCT 320 with a grade of "C" or better, or permission of instructor. (SPRING).

ACCT 497 ACCOUNTING INTERNSHIP/ CO-OPERATIVE EDUCATION - *Six hours; 2 credits.* This course provides an opportunity for students to broaden their educational experience through supervised work assignments in the accounting area with a firm or an association. **Prerequisite:** ACCT 331 with a grade of "C" or better and permission of chairperson. (SPRING).

ACCT 499 CONTEMPORARY ACCOUNTING – *Three hours; 3 credits.* This course is designed as a capstone course where contemporary accounting topics are discussed. Simulation exercises and case analyses are used with emphasis on developing students' analytical and problem-solving skills as applied to current accounting issues. **Prerequisites:** ACCT 300, ACCT 308, ACCT 331, and ACCT 332 with a grade of "C" or better. (SPRING).

MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE ACCOUNTING
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	Freshmen Comp I	3
SB ELEC	Social Science Elective [1]	3
MATH 113	Introduction to Math Analysis	4
ORBM 102	Freshman Orientation	1
XXX XXX	Biol & Phy Science Part A	4
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 202	Business Leadership Semnar	3
MATH 201	Calculus for Non-Science	3
ACCT 211	Prin of ACCT I for ACCT Majors	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 211	Economics (Macro)	3
		15

JUNIOR YEAR (FIRST SEMESTER)

INSS 360	Mgmt Information Systems	3
ACCT 331	Intermediate Accounting I	3
ACCT 300	Cost Accounting	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 343	Managerial Finance	3
		18

SENIOR YEAR (FIRST SEMESTER)

ACCT 320	Federal Income Taxation	3
MGMT 328	Production Management	3
HIST 350	African Diaspora	3
ACCT XXX	Accounting Elective[4]	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102	Freshman Comp II	3
SB ELEC	Social Science Elective[1]	3
HEED XXX	Health Education Elective[2]	3
INSS 141	Digital Lit & App Soft	3
XXX XXX	Biol & Phy Science Part B	3
PHEC XXX	Physical Education Elective	1
		16

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL 109	Introduction to Logic	3
INSS 220	Anal. Dec in Business	3
ACCT 212	Prin of ACCT II for ACCT Majors	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics II (Micro)	3
		15

JUNIOR YEAR (SECOND SEMESTER)

ENGL 357	Business Communications	3
BUAD 381	Legal & Ethical Environment	3
ACCT 332	Intermediate Accounting II	3
ACCT 308	Accounting Information Systems	3
BUAD 326	Bus. Ethics and Society	3
BUAD 327	Fund of International Business	3
		18

SENIOR YEAR (SECOND SEMESTER)

ACCT 406	Auditing	3
ACCT 499	Cont. Issues in Accounting	3
SBM XXX	SBM Elective[5]	3
BUAD 499	Business Policy	3
		12

TOTAL CREDIT HOURS
121

[1]Students should select two courses from different disciplines in the Social and Behavioral Sciences area. See catalog for available courses.
[2]Students should select eligible course from the University catalog under section titled Health and Healthful Living.
[3]Students should select two courses from different disciplines in the Arts and Humanities area. See catalog for available courses.
[4]Accounting electives include ACCT 307, ACCT 321, ACCT 401 (HONORS) and ACCT 402 (HONORS). Also, ACCT 480 may be combined with ACCT 497 to satisfy a three (3) credit hour accounting elective requirement.
[5]Students expecting to sit for the CPA examination should take BUAD 382 for the SBM elective. Otherwise, any SBM course at the 300 level or above may be used to satisfy the SBM elective. SBM elective must be from outside the major but within the School of Business and Management.

MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE ACCOUNTING – HONORS PROGRAM
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 111	Freshmen Comp I – Honors	3
SB ELEC	Social Science Elective[1]	3
MATH 113	Introduction to Math Analysis	4
ORBM 102	Freshman Orientation	1
XXX XXX	Biol & Phy Science Part A	4
BUAD 108	Intro to Prof Development I	0
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 212	Business Leadership Seminar	3
MATH 201	Calculus for Non-Science	3
ACCT 211	Prin. of ACCT I for ACCT Majors	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 211	Economics (Macro)	3
BUAD 208	Intermediate Prof Development I	0
		15

JUNIOR YEAR (FIRST SEMESTER)

INSS 360	Mgmt Information Systems	3
ACCT 331	Intermediate Accounting I	3
ACCT 300	Cost Accounting	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 343	Managerial Finance	3
BUAD 308	Advanced Prof Development I	0
		18

SENIOR YEAR (FIRST SEMESTER)

ACCT 320	Federal Income Taxation	3
MGMT 328	Production Management	3
HIST 350	African Diaspora	3
BUAD 408	Sen Sem in Prof Development I	0
ACCT XXX	Accounting Elective[4]	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 112	Freshman Comp II-Honors	3
SB ELEC	Social Science Elective[1]	3
INSS 141	Digital Lit & App Soft	3
HEED XXX	Health Education Elective[2]	3
BUAD 109	Intro to Prof Development I	0
XXX XXX	Biol & Phy Science Part B	3
PHEC XXX	Physical Education Elective	1
		16

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL 119	Introduction to Logic	3
INSS 220	Anal. Dec in Business	3
ACCT 212	Prin. of ACCT II for ACCT Majors	3
BUAD 209	Intermediate Prof Development II	0
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics II (Micro)	3
		15

JUNIOR YEAR (SECOND SEMESTER)

ENGL 357	Business Communications	3
BUAD 381	Legal & Ethical Environment	3
ACCT 332	Intermediate Accounting II	3
ACCT 308	Accounting Information Systems	3
BUAD 309	Advanced Prof Development II	0
BUAD 326	Bus. Ethics and Society	3
BUAD 327	Fund of International Business	3
		18

SENIOR YEAR (SECOND SEMESTER)

ACCT 406	Auditing	3
ACCT 499	Cont. Issues in Accounting	3
SBM XXX	SBM Elective[5]	3
BUAD 409	Sen Sem in Prof Development II	0
BUAD 498	Business Policy –Honors	3
		12

TOTAL CREDIT HOURS
121

[1]Students should select two courses from different disciplines in the Social and Behavioral Sciences area. See catalog for available courses.
[2]Students should select eligible course from the University catalog under section titled Health and Healthful Living.
[3]Students should select two courses from different disciplines in the Arts and Humanities area. See catalog for available courses.
[4]Accounting electives include ACCT 307, ACCT 321, ACCT 401 (HONORS) and ACCT 402 (HONORS). Also, ACCT 480 may be combined with ACCT 497 to satisfy a three (3) credit hour accounting elective requirement.
[5]Students expecting to sit for the CPA examination should take BUAD 382 for the SBM elective. Otherwise, any SBM course at the 300 level or above may be used to satisfy the SBM elective. SBM elective must be from outside the major but within the School of Business and Management.

THE FINANCE MAJOR

OBJECTIVES OF THE FINANCE PROGRAM
The goal of the finance program is to prepare students for entry-level positions in all areas of finance. The program accomplishes this by offering a broad range of course work, by emphasizing and developing critical skills in students, and by providing students with real work experiences via internships. The finance program offers dual tracks: a **General Finance** track and an **International Finance** track. The General Finance track prepares students to excel in any business environment. The International Finance track, in addition, provides students with a thorough foundation in the international aspects of finance. Students who complete the General Finance track or the International Finance track will receive a BS degree in finance.

REQUIREMENTS FOR A MAJOR IN FINANCE
In addition to the General Education requirements and the School of Business and Management requirements, students interested in the finance major must take an additional 24 credits in finance and business courses. This includes 18 credits in finance core courses and 6 additional finance credits which depend upon the track selected. Core finance courses and additional courses required for the General Finance track and the International Finance track are listed below:

Finance Core (18 credits):		**Credits**
FIN 341	Intro. to Fin. Planning	2
FIN 344	Security Analysis	3
FIN 345	Financial Markets & Institutions	3
FIN 422	Portfolio Management	3
FIN 443	Advanced Financial Management	3
FIN 446	International Finance	3
FIN 497	Finance Internship/Cooperative Education	1

General Finance Track Electives (6 credits) *Any two of the following:*

FIN 423	Derivatives	3
FIN 444	Bank Management	3
FIN 448	Cases in International Finance	3
ACCT 331	Intermediate Accounting I	3
ACCT 332	Intermediate Accounting II	3

International Finance Track (6 credits)
Required:

ECON 316	International Economics	3
FIN 448	Cases in International Finance	3

REQUIREMENTS FOR A MINOR IN FINANCE
For those business students planning to have a minor in Finance, the following finance courses are required: FIN 344, FIN 422, FIN 345, and one of the following courses: FIN 423, FIN 444 or FIN 446.

HONORS PROGRAM
The department participates in the University Honors Program. Finance majors who have been admitted to the University Honors Program can enroll in FIN 498, Finance Research Project, and receive honors credit.

FINANCE COURSE OFFERINGS

FIN 341 INTRODUCTION TO FINANCIAL PLANNING - *Two hours; 2 credits.* This course covers careers in financial planning and provides an introduction to the responsibilities of financial planners including credit and debt management, buying versus leasing, educational funding, financial planning for special circumstances such as divorce or disability, estate planning and income tax planning. Risk management and insurance and investment planning will also be covered. (SPRING)

FIN 342 PERSONAL FINANCE - *Three hours; 3 credits.* The focus of this course is the development of a framework for planning a lifetime finance program and making it operational. The course investigates alternative investments with a view toward optimizing personal wealth. Topics covered include budgeting, investing in education, cars, houses, securities, health and property insurance, pensions, and financial planning. (FALL)

FIN 343 MANAGERIAL FINANCE - *Three hours; 3 credits.* This course covers the principles and practices used in the financing of business organizations. Topics include financial planning, funds acquisition, financial analysis, current asset management, capital budgeting, cost of capital, and ethical issues related to financial management. **Prerequisites:** ACCT 201 and ECON 212 with a grade of "C" or better. (FALL, SPRING)

FIN 344 SECURITY ANALYSIS - *Three hours; 3 credits.* This course emphasizes the investment needs of both individual and institutional investors. Topics covered include various types of securities, security markets, security analysis, risk-return analysis, regulation of security markets and ethics. **Prerequisites:** FIN 343 with a grade of "C" or better. (FALL, SPRING)

FIN 345 GLOBAL FINANCIAL MARKETS AND INSTITUTIONS - *Three hours; 3 credits.* This is an integrative course which covers a variety of financial instruments and financial institutions from around the world. Topics include supply and demand for loanable funds, global financial markets, level and structure of interest rates, and monetary, fiscal and debt management policies. **Prerequisite:** FIN 343 with a grade of "C" or better. (FALL, SPRING).

FIN 422 PORTFOLIO MANAGEMENT - *Three hours; 3 credits.* This course is a continuation of FIN 344. It emphasizes the portfolio aspects of investments. Topics covered include in-depth coverage of fixed income portfolio management; derivatives, options, futures, and forward contracts; international portfolio diversification and ethics. **Prerequisite:** INSS 220 and FIN 344 with a grade of "C" or better. (FALL, SPRING)

FIN 423 DERIVATIVES - *Three hours; 3 credits.* This course builds on FIN 344, Security Analysis, and FIN 422, Portfolio Management. It introduces students to the major types of derivatives and conducts a comprehensive analysis of derivative pricing and applications. Topics include options, forwards, futures, swaps, and application of these derivatives in hedging investment risks. **Prerequisites:** FIN 344 with a grade of "C" or better. (SPRING)

FIN 443 ADVANCED FINANCIAL MANAGEMENT -*Three hours; 3 credits*. This course emphasizes long term (capital budgeting) and short-term investment decisions. The course also covers the total environment in which the financial officer functions with comprehensive coverage of the financial officer's use of budgets as well as financial and accounting concepts. **Prerequisite:** FIN 343 with a grade of "C" or better. (FALL, SPRING)

FIN 444 BANK MANAGEMENT - *Three hours; 3 credits.* This course covers such topics as problems and policies associated with liquidity and solvency, reserves and earning assets, loans and discounts, accounting analysis, income and expense, services, personnel and public relations. **Prerequisite:** FIN 345 with a grade of "C" or better. (FALL)

FIN 446 INTERNATIONAL FINANCIAL MANAGEMENT - *Three hours; 3 credits.* This course examines international banking and business finance from the conceptual, theoretical, ethical, and practical stand- points in the context of multinational business op- erations. Topics include foreign exchange markets, international banking, exchange risks management, fin- ancing and operational strategies and practices, and taxation of multinational operations. **Prerequisite:** FIN 344 with a grade of "C" or better. (FALL, SPRING)

FIN 448 CASES IN INTERNATIONAL FINANCE - *Three hours; 3 credits.* This course is based on international financial management cases which analyze financial problems faced by corporations when operating in an international environment. Major topics covered are the international financial environment, international monetary systems, corporate strategy, and international investment decisions, portfolio diversifications, taxation issues, cost of capital, and financial structure in the multinational firm, sources of financing, foreign exchange risk and management, and managing multinational operations. **Prerequisites:** FIN 344, FIN 422 and FIN 443 with a grade of "C" or better. (SPRING)

FIN 497 FINANCE INTERNSHIP/COOPERATIVE EDUCATION - *Three hours; 1 credit.* This course requires the student to work in the finance area with a firm and/or an association. The student will be required to report on the results of the work experience both orally and in writing. **Prerequisite:** FIN 343 with a grade of "C" or better. (FALL, SPRING)

MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE IN FINANCE
GENERAL FINANCE TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	Freshmen Comp I	3
SB ELEC	Social Science Elective[1]	3
ORBM 102	Freshma Orientation	1
MATH 113	Introduction to Math Analysis	4
XXX XXX	Biol & Physical Science Part A	4
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 202	Business Leadership Seminar	3
MATH 201	Calculus for Non-Science	3
ACCT 201	Principles of Accounting I	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics (Micro)	3
PHIL 109	Introduction to Logic	3
		18

JUNIOR YEAR (FIRST SEMESTER)

ENGL 357	Business Communication	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 344	Security Analysis	3
FIN 345	Financial Markets and Institutions	3
		15

SENIOR YEAR (FIRST SEMESTER)

FIN 443	Advanced Financial Management	3
MGMT 328	Production Management	3
FIN 446	International Finance	3
FIN XXX	Finance Elective[4]	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102	Freshman Comp II	3
SB ELEC	Social Science Elective[1]	3
PHEC XXX	Physical Education Elective	1
INSS 141	Digital Lit & App Soft	3
XXX XXX	Biol & Physical Science Part B	3
HEED XXX	Health Education Elective[2]	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

FIN 343	Managerial Finance	3
AH ELEC	Arts & Humanities Elective[3]	3
INSS 220	Anal. Dec in Business	3
ACCT 202	Principles of Accounting II	3
ECON 211	Economics II (Macro)	3
FIN 341	Intro To Financial Planning	2
		17

JUNIOR YEAR (SECOND SEMESTER)

BUAD 381	Legal & Ethical Environment	3
INSS 360	Mgmt Information Systems	3
FIN 422	Portfolio Management	3
BUAD 326	Bus. Ethics and Society	3
BUAD 327	Fund of International Business	3
FIN 497	Finance Internship	1
		16

SENIOR YEAR (SECOND SEMESTER)

BUAD 499	Business Policy	3
FIN XXX	Finance Elective[4]	3
HIST 350	African Diaspora	3
SBM XXX	SBM Elective[5]	3
		12

TOTAL CREDIT HOURS
121

[1]Students should select two courses from different disciplines in the Social and Behavioral Sciences ares. See catalog for available courses.
[2]Students should select eligible course from the University catalog under section titled Health and Healthful Living.
[3] Students should select two courses f rom different disciplines in the Arts & Humanities area. See catalog for available courses.
[4] General Finance electives include FIN 423, FIN 444, FIN 448, ACCT 331 and ACCT 332.
[5] Any SBM course at the 300 level or above may be used to satisfy the SBM elective. SBM elective must be from outside major but within the School of Business and Management.

MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE IN FINANCE
GENERAL FINANCE TRACK –HONORS PROGRAM
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 111	Freshmen Comp I -Honors	3
SB ELEC	Social Science Elective[1]	3
ORBM 112	Freshman Orientation-Honors	1
MATH 113	Intro to Math Analysis	4
XXX XXX	Biol & Physical Science Part A	4
BUAD 108	Intro to Prof Development I	0
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 212	Business Leadership-Honors	3
MATH 201	Calculus for Non-Science	3
ACCT 201	Principles of Accounting I	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics (Micro)	3
PHIL 119	Introduction to Logic	3
BUAD 208	Intermediate Prof Development I	0
		18

JUNIOR YEAR (FIRST SEMESTER)

ENGL 357	Business Communication	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 344	Security Analysis	3
FIN 345	Financial Markets and Institutions	3
BUAD 308	Advanced Prof Development I	0
		15

SENIOR YEAR (FIRST SEMESTER)

FIN 443	Advanced Financial Management	3
MGMT 328	Production Management	3
FIN 446	International Finance	3
FIN XXX	Finance Elective[4]	3
BUAD 408	Sen Sem Prof Development I	0
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 112	Freshman Comp II - Honors	3
SB ELEC	Social Science Elective[1]	3
PHEC XXX	Physical Education Elective	1
INSS 141	Digital Lit & App Soft	3
XXX XXX	Biol & Physical Science Part B	3
HEED XXX	Health Education Elctive[2]	3
BUAD 109	Intro to Prof Development II	0
		16

SOPHOMORE YEAR (SECOND SEMESTER)

FIN 343	Managerial Finance	3
AH ELEC	Arts & Humanities Elective[3]	3
INSS 220	Anal. Dec in Business	3
ACCT 202	Principles of Accounting II	3
ECON 211	Economics II (Macro)	3
BUAD 209	Intermediate Prof Development II	0
FIN 341	Intro To Financial Planning	2
		17

JUNIOR YEAR (SECOND SEMESTER)

BUAD 381	Legal & Ethical Environment	3
INSS 360	Mgmt Information Systems	3
FIN 422	Portfolio Management	3
BUAD 326	Bus. Ethics and Society	3
BUAD 327	Fund of International Business	3
FIN 497	Finance Internship	1
BUAD 309	Advanced Prof Development II	0
		16

SENIOR YEAR (SECOND SEMESTER)

BUAD 498	Honors Business Policy	3
FIN XXX	Finance Elective[4]	3
HIST 350	African Diaspora	3
SBM XXX	SBM Elective[5]	3
BUAD 409	Sen Sem Prof Development II	0
		12

TOTAL CREDIT HOURS
121

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MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE IN FINANCE

INTERNATIONAL FINANCE TRACK
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	Freshmen Comp I	3
SB ELEC	Social Science Elective[1]	3
ORBM 102	Freshman Orientation	1
MATH 113	Introduction to Math Analysis	4
XXX XXX	Biol & Physical Science Part A	4
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 202	Business Leadership Seminar	3
MATH 201	Calculus for Non-Science	3
ACCT 201	Principles of Accounting I	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics (Micro)	3
PHIL 109	Introduction to Logic	3
		18

JUNIOR YEAR (FIRST SEMESTER)

ENGL 357	Business Communication	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 344	Security Analysis	3
FIN 345	Financial Markets and Institutions	3
		15

SENIOR YEAR (FIRST SEMESTER)

FIN 443	Advanced Financial Management	3
MGMT 328	Production Management	3
FIN 446	International Finance	3
ECON 316	International Economics	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102	Freshman Comp II	3
SB ELEC	Social Science Elective[1]	3
PHEC XXX	Physical Education	1
INSS 141	Digital Lit & App Soft	3
XXX XXX	Biol & Physical Science Part B	3
HEED XXX	Health Education Elective[2]	3
		16

SOPHOMORE YEAR (SECOND SEMESTER)

FIN 343	Managerial Finance	3
AH ELEC	Arts & Humanities Elective[3]	3
INSS 220	Anal. Dec in Business	3
ACCT 202	Principles of Accounting II	3
ECON 211	Economics II (Macro)	3
FIN 341	Introduction to Financial Planning	2
		17

JUNIOR YEAR (SECOND SEMESTER)

BUAD 381	Legal & Ethical Environment	3
INSS 360	Mgmt Information Systems	3
FIN 422	Portfolio Management	3
BUAD 326	Business Ethics and Society	3
BUAD 327	Fund of International Business	3
FIN 497	Finance Internship	1
		16

SENIOR YEAR (SECOND SEMESTER)

BUAD 499	Business Policy	3
FIN 448	Cases In International Finance	3
HIST 350	African Diaspora	3
SBM XXX	SBM Elective[5]	3
		12

TOTAL CREDIT HOURS
121

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[3] Students should select two courses f rom different disciplines in the Arts & Humanities area. See catalog for available courses.
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MORGAN STATE UNIVERSITY
DEPARTMENT OF ACCOUNTING AND FINANCE
BACHELOR OF SCIENCE DEGREE IN FINANCE
INTERNATIONAL FINANCE TRACK –HONORS PROGRAM
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 111	Freshmen Comp I -Honors	3
SB ELEC	Social Science Elective[1]	3
ORBM 112	Freshman Orientation – Honors	1
MATH 113	Introduction to Math Analysis	4
XXX XXX	Biol & Physical Science Part A	4
BUAD 108	Intro to Prof Development I	0
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BUAD 212	Business Leadership-Honors	3
MATH 201	Calculus for Non-Science	3
ACCT 201	Principles of Accounting I	3
AH ELEC	Arts & Humanities Elective[3]	3
ECON 212	Economics (Micro)	3
PHIL 119	Introduction to Logic	3
BUAD 208	Intermediate Prof Development I	0
		18

JUNIOR YEAR (FIRST SEMESTER)

ENGL 357	Business Communication	3
MKTG 331	Principles of Marketing	3
MGMT 324	Organizational Behavior	3
FIN 344	Security Analysis	3
FIN 345	Financial Markets and Institutions	3
BUAD 308	Advanced Prof Development I	0
		15

SENIOR YEAR (FIRST SEMESTER)

FIN 443	Advanced Financial Management	3
MGMT 328	Production Management	3
FIN 446	International Finance	3
ECON 316	International Economics	3
BUAD 408	Sen Sem in Prof Development I	0
		12

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 112	Freshman Comp II - Honors	3
SB ELEC	Social Science Elective[1]	3
PHEC XXX	Physical Education	1
INSS 141	Digital Lit & App Soft	3
XXX XXX	Biol & Physical Science Part B	3
HEED XXX	Health Education Elective [2]	3
BUAD 109	Intro to Prof Development II	0
		16

SOPHOMORE YEAR (SECOND SEMESTER)

FIN 343	Managerial Finance	3
AH ELEC	Arts & Humanities Elective[3]	3
INSS 220	Anal. Dec in Business	3
ACCT 202	Principles of Accounting II	3
ECON 212	Economics II (Macro)	3
FIN 341	Intro to Financial Planning	2
BUAD 209	Intermediate Prof Development II	0
		17

JUNIOR YEAR (SECOND SEMESTER)

BUAD 381	Legal & Ethical Environment	3
INSS 360	Mgmt Information Systems	3
FIN 422	Portfolio Management	3
BUAD 326	Bus. Ethics and Society	3
BUAD 327	Fund of International Business	3
BUAD 309	Advanced Prof Development II	0
FIN 497	Finance Internship	1
		16

SENIOR YEAR (SECOND SEMESTER)

BUAD 498	Honors Business Policy	3
FIN 448	Cases In International Finance	3
HIST 350	African Diaspora	3
SBM XXX	SBM Elective[5]	3
BUAD 409	Sen Sem in Prof Development II	0
		12

TOTAL CREDIT HOURS
121

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BUSINESS ADMINISTRATION

Chairperson of Department: PROFESSOR AUGUSTUS ABBEY; Professor: MARJORIE ADAMS, MICHAEL CALLOW, ROBERT SINGH, NATHAN AUSTIN; Associate Professors: ABDUL AZIZ, SUSAN BAKER

TIMOTHY EDLUND, HAIYAN HU, DAVID JACOBS, OMAR KHAN, LEYLAND LUCAS, CHRISTOPHER MATHIS, KAREN PROUDFORD, DARLINGTON RICHARDS, DAVID ZOOGAH; Assistant Professors: SHIMI AHMAD, ERICA ANTHONY, CHRISTOPHER DOVAL, MARY K. FOSTER, ANNETTE GEORGE, CARMEN MOORE, JULAINE RIGG, JOHN SOUTHALL, CHIEN-CHI TSENG AND MIGUEL ZUNIGA.

GOAL AND OBJECTIVES

The goal of the Department is to provide the highest quality academic programs in business administration, human resource management, marketing, entrepreneurship and hospitality management. Students are prepared to assume careers in busi- ness and industry, government, non-profit organizations, and entrepreneurial ventures. Objectives include the development of future business leaders with an understanding and appreciation of the business world and its relationship to a global economy and society. Students are provided a solid foundation in the general liberal arts education and the majors of business admin- istration, management, marketing, and hospitality management.

In addition, the Department offers a minor in Entrepreneur- ship for students enrolled in the SBM and for nonbusiness students which may be met by fulfilling the following requirements and descriptions given in the catalog. *(Note: A given course can be used to satisfy only one category of re- quirements, i.e., it cannot be double-or triple-counted.)*

A. MINOR IN ENTREPRENEURSHIP FOR STUDENTS ENROLLED IN THE SCHOOL OF BUSINESS AND MANAGEMENT

Students must successfully complete the following courses to earn a minor in Entrepreneurship; ENTR 351, 353, 384 and 452. For BUAD majors, MKTG 340 and FIN 443 must be taken in place of ENTR 351 and ENTR 452.

B. MINOR IN ENTREPRENEURSHIP FOR NON-BUSINESS STUDENTS

Students must successfully complete the following courses to earn a minor in Entrepreneurship: BUAD 200, ACCT 201, ENTR 351, 452, and either ENTR 353 or 384.

HONORS DESIGNATION

The following courses make up the "Honors" designation in the department:

ENTR 452:		Advanced Entrepreneurship
BUAD	456:	Special Topics in Business Administration
MGMT	421:	Training and Development
MGMT	465:	Issues in HR Services
MKTG	345:	Marketing
MKTG	465:	Special Topics in Marketing
HOMG	219:	Food Service Management and Operation
HOMG	412:	Meeting and Convention Management

THE MAJOR IN BUSINESS ADMINISTRATION

In addition to the General Education requirements and the School of Business and Management requirements, students are required to take 21 credits which include 6 credits of electives. The *required* courses are: BUAD 361, BUAD 371, BUAD 382, ENTR 351, and ENTR 452. Six credits of electives may be chosen from among the following: BUAD 362, BUAD 456, BUAD 486, one 300-400 level Management course, one 300-400 level Marketing course, and FIN 344.

STUDENTS IN THE HONORS PROGRAM MUST FOLLOW THE HONORS CURRICULUM

Business Administration

Required (15 credits)

Course Number	*Credits*	*Title*
ENTR 351	3	Entrepreneurship
BUAD 361	3	Fund. of Risk Mgmt.
BUAD 371	3	Prin. of Real Estate
BUAD 382	3	Business Law
ENTR 452	3	Adv. Entrepreneurship

Electives (6 credits)

BUAD 362	3	Life and Health Insurance
BUAD 456	3	Special Topics in Business Administration
MGMT 486	3	Internship
MGMT	3	300-400 Level
MKTG	3	300-400 Level
FIN 344	3	Investments

Note: Junior standing in the School of Business and Management means successful completion of 60 credits in General Education and SBM Requirements including MATH 201, ECON 212, ACCT 202 (or ACCT 300), and INSS 141.

BUSINESS ADMINISTRATION COURSE OFFERINGS

ORBM 102/112 FRESHMAN ORIENTATION FOR BUSINESS AND MANAGEMENT MAJORS-*Two hours; 1 credit.* This course introduces students to the expectations and demands of higher education, to the legacy and tradition at Morgan State University, to college survival strategies, and to the broad array of career opportunities in business and management. Students enrolled in this class are required to attend all university convocations and other prescribed extra-curricular activities. They are also required to hold conferences with their faculty advisors in order to pass the course. Students transferring 24 or more credits to the university when admitted are exempted from this requirement. Honor students must take ORBM 112 **(Formerly ORIE 102/112) (FALL, SPRING).**

BUAD 108 HONORS SEMINAR – INTRODUCTION TO PROFESSIONAL DEVELOPMENT I (HONOR SEMINAR – INTRO TO PD I) - *0 credit.* This course is an experiential professional development seminar for first-year honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an opportunity to practice their professional development skills. Students will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. The course also includes participation in a service project. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, lead- ership and service. Required for GSBM honors students and open to non-honors students by permission. (FALL)

BUAD 109 HONORS SEMINAR – INTRODUCTION TO PROFESSIONAL DEVELOPMENT II (HONOR SEMINAR – INTRO TO PD II) – *0 credit.* This course is an experiential professional development seminar for first-year honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an opportunity to practice their professional development skills. Students will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. The course also includes participation in a service project. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (SPRING)

BUAD 200 INTRODUCTION TO BUSINESS FOR NON-BUSINESS MAJORS–*Three hours; 3 credits.* This course is for non-business majors and will NOT count toward degree requirements in the School of Business and Management. The course is designed to assist students in exploring the field of business as a career. Topics such as Private Enterprise and its challenges, global business, forms of business ownership, financing, marketing, etc., are discussed in their most basic levels. **Prerequisites:** ENGL 101 AND 102 (with minimum grade of "C") and sophomore standing. (FALL, SPRING)

BUAD 202 PROFESSIONAL DEVELOPMENT - *Three hours; 3 credits*. This course is designed to develop and strengthen the competencies necessary to prepare students for leadership positions in their chosen field. This course emphasizes skill building in business writing, preparing and delivering business presentations, social skills in informal settings, interviewing skills, working in teams, learning about and adapting to organizational cultures, and mentoring and networking. Leadership skills such as adaptability, self motivation, risk taking, time orientation, and adding value to the firm are also covered. **Prerequisites:** ORBM 102 (with minimum grade of "C") and sophomore standing in the SBM. (FALL, SPRING)

BUAD 208 HONORS SEMINAR – INTERMEDIATE PROFESSIONAL DEVELOPMENT I (HONOR SEMINAR – INTER PD I) – *0 credit.* This course is an experiential professional development seminar for second-year honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an opportunity to practice their professional development skills. Students will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. The course also includes participation in a service project. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (FALL)

BUAD 209 HONORS SEMINAR – INTER- MEDIATE PROFESSIONAL DEVELOPMENT II (HONOR SEMINAR – INTER PD II) – *0 credit.* This course is an experiential professional de- velopment seminar for second-year honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an opportunity to practice their professional development skills. Students will have an opportunity to hone their business research skills, build social confid- ence, practice group facilitation skills and strengthen their leadership ability. The course also includes par- ticipation in a service project. Emphasis throughout the course is placed on the three fundamental priorit- ies of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (SPRING)

BUAD 212 HONORS BUSINESS LEADERSHIP ACADEMY – *Three hours; 3 credits.* This course is designed to develop and strengthen the competencies necessary to prepare students for leadership positions in their chosen fields. This course emphasizes skill building in business writing, preparing and delivering business presentations, social skills in informal settings, interviewing skills, working in teams, learning about and adapting to organizational cultures, and mentoring and networking. Leadership skills such as adaptabil- ity, self motivation, risk taking, time orientation, and adding value to the firm are also covered. (For Hon- ors Students Only) **Prerequisites:** ORBM 112 (with minimum grade of "C") and sophomore standing in the SBM. (FALL, SPRING)

BUAD 308 HONORS SEMINAR – ADVANCED PROFESSIONAL DEVELOPMENT I (HONOR SEMINAR – ADV PD I) - *0 credit.* This course is an experiential professional development seminar for third-year honors students. The course includes a speaker series, workshops and service activities de- signed to provide honors students with an opportun- ity to practice their professional development skills. Students will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leader- ship ability. The course also includes participation in a service project. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (FALL)

BUAD 309 HONORS SEMINAR – ADVANCED PROFESSIONAL DEVELOPMENT II (HONOR SEMINAR – ADV PD II) – *0 credit.* This course is an experiential professional development seminar for third-year honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an oppor- tunity to practice their professional development skills. Students will have an opportunity to hone their busi- ness research skills, build social confidence, practice group facilitation skills and strengthen their leader- ship ability. The course also includes participation in a service project. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and ser- vice. Required for GSBM honors students and open to non-honors students by permission. (SPRING)

BUAD 326 BUSINESS AND SO- CIETY: ETHICS AND SUSTAINABILITY– *Three hours; 3 credits.* In this course the business-government-society relationship is examined. Emphasis is placed on business ethics and ethical decision-making, social costs, corporate social responsibility and responsiveness, corporate governance, global trends and the role of gov- ernment. **Prerequisites:** Successful completion of MGMT 324 and MKTG 331 (with minimum grade of "C"). (Formerly Business Ethics and Society) (FALL, SPRING)

BUAD 327 FUNDAMENTALS OF INTERNA- TIONAL BUSINESS–*Three hours; 3 credits.* This course provides conceptual and functional analysis of business operations in the global environment encompassing the impact of institutional, socio-cultural, political and legal forces on international busi- ness relations and current policy issues. **Prerequis- ite:** Junior standing in the SBM. (FALL, SPRING)

BUAD 361 FUNDAMENTALS OF RISK MANAGEMENT-*Three hours; 3 credits.* This is an introductory survey course that defines and analyzes the nature of risks encountered in modern industrial society and of methods and institutions devised to cope with them; a review of the evol- ution of the concept of insurance in the context of changing needs in economic security. The- ories, insurance mathematics, and practices of both private risk management programs and public in- surance systems are covered. **Prerequisite:** Suc- cessful completion of FIN 343 (with minimum grade of "C"). (FALL, SPRING)

BUAD 362 LIFE AND HEALTH INSURANCE– *Three hours; 3 credits.* Life, health, annuity, and related insurance contracts and programs are examined from the viewpoints of individuals, businesses, government agencies, and insurance companies. Topics include policy types and content, rate making, underwriting, investments, regulation, group insurance, estate planning, and industry trends. **Prerequisite:** Successful completion of BUAD 361(with minimum grade of "C") . (FALL, SPRING)

BUAD 371 PRINCIPLES OF REAL ESTATE - *Three hours; 3 credits.* This course examines the basic concepts, characteristics, and principles of real property, ownership, and real estate practices; deeds, leases, restrictions, brokerage, marketing, and appraisals, rental and purchasing contracts, regulations, licensing law, and real estate professional selling. **Prerequis- ite:** Successful completion of BUAD 361 (with minimum grade of "C"). (FALL)

BUAD 372 PRE-LICENSE REAL ESTATE – *One hour; 1 credit.* This course is designed to provide students with the opportunity to achieve their real estate license. The course provides the additional 15 hours required to fulfill the total 60 hours required by the Maryland Department of Labor, Licensing and Regulations (DLLR) that individuals need to qualify for the exam. Prerequisite: Successful completion of BUAD 371 (with minimum grade of "C"). (SUMMER)

BUAD 381 THE LEGAL AND ETHICAL ENVIRONMENT OF BUSINESS–*Three hours; 3 credits.* The course introduces students to ethical theory and decision making models, as well as the power and functions of courts, court systems, litigation, and the U.S. Constitution and business. Students are introduced to substantive rules of law in the areas of contract, torts, criminal law, product and service liability and their impact internationally. Governmental efforts to regulate business activity relative to worker protection, consumer protection and environmental law are covered. **Prerequisite:** Junior standing in the SBM. (FALL, SPRING)

BUAD 382 BUSINESS LAW-*Three hours; 3 credits.* This course examines the basic concepts in determining the various types of business organizations. Emphasis is placed on agency, partnership, corporations. Students are introduced to the Uniform Commercial Codes treatment of sales, security transactions, and negotiable instruments. Bankruptcy and Accounts legal liability are also covered. **Prerequisite:** Successful completion of BUAD 381 (with minimum grade of "C"). (FALL, SPRING)

BUAD 408 HONORS SENIOR SEMINAR IN PROFESSIONAL DEVELOPMENT I (HON SEN SEM – PD I) *0 credit.* This course is an experiential professional development seminar for fourth-year/senior honors students. The course includes a speaker series, workshops and service activities designed to provide honors students with an opportunity to prepare for the transition from an academic to a professional environment. Students will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. The course will also include case analyses, ca- reer management and GMAT preparation. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (FALL)

BUAD 409 HONORS SENIOR SEMINAR IN PROFESSIONAL DEVELOPMENT II (HON SEN SEM - PD II) *0 credit.* This course is an experiential profes- sional development seminar for fourth-year/senior honors students. The course includes a speaker series, workshops and service activities designed to provide honors stu- dents with an opportunity to prepare for the transition from an academic to a professional environment. Stu- dents will have an opportunity to hone their business research skills, build social confidence, practice group facilitation skills and strengthen their leadership ability. The course will also include case analyses, career management and GMAT preparation. Emphasis throughout the course is placed on the three fundamental priorities of the Honors Program: performance, leadership and service. Required for GSBM honors students and open to non-honors students by permission. (SPRING)

BUAD 456 SPECIAL TOPICS IN BUSINESS ADMINISTRATION–*Three hours; 3 credits.* This course will investigate selected topics of significance to entrepreneurship, business and management. The pre cise focus varies by semester. Emphasis will be placed on developing the entrepreneurial, analytical and problem-solving skills of students as applied to current business issues. **Prerequisites:** MGMT 324, FIN343, MKTG 331 (with minimum grade of "C"), and senior standing in SBM. This is a course with "Honors" designation. (SPRING)

BUAD 486 INTERNSHIP AND FIELD EXPERIENCE– *Nine hours; 3 credits.* A student works with the department faculty. Career Development and agency or company officials arrange a qualitatively useful job assignment that provides hands-on experience directly related to the student's major field of study in business administration, management, marketing or hospitality management. **Prerequisites:** Permission of chairperson; employ- er acceptance; successful completion of ECON212, FIN 343, BUAD 202, BUAD 326, BUAD 381, MGMT 324, MKTG 331(with minimum grade of "C") and cumulative GPAof 2.50. (Non-repeatable) (FALL, SPRING)

BUAD 498 BUSINESS POLICY (Honors Students Only) – *Three hours; 3 credits*. This is an advanced course in management and should be taken as a capstone course during the student's final semester. It utilizes the case approach and an Internet-based business simulation as learning tools. The student is required to apply all the concepts of management, accounting, production, marketing, economics and finance. This course requires integrating skills at developing and deploying organizational resources and capabilities; applying analytical tools and perspectives to changing industries and multi-business markets; and designing organizational structures, systems, and processes that achieve short-term and longterm strength and growth. Students learn how to manage the interpersonal dynamics of strategy decision making and how to communicate effectively their visions and strategies to internal and external stakeholders of the organization. Core strategy themes including analyzing scale and scope, evaluating compet- encies, understanding the importance of organizational capabilities, managing the multi-business corpora- tion, and choosing strategies are all emphasized in this course. **Prerequisites:** ACCT 202, FIN 343, MKTG 331, BUAD 327, BUAD 381, MGMT 324, MGMT 328 (with minimum grade of "C"). COURSE IS TO BE TAKEN THE SEMESTER OF GRADUATION. (SPRING)

BUAD 499 BUSINESS POLICY–*Three hours; 3 credits.* This course focuses on management, entre-preneurial decision-making, strategy formulation, implementation, and evaluation/control to ensure that organizational resources, internal factors, external information, and current performance are helping achieve organizational mission, goals, and object- ives. The course emphasizes strategy, survival and success, and long-term performance. Strategic con- cepts, case analysis, computer simulations, library research, student management teams, and presentations are emphasized. **Prerequisites:** ACCT 202, FIN 343, MGMT 324, MGMT 328, MKTG 331, BUAD 326, BUAD 327 and BUAD381 (with minimum grade of "C"). COURSE IS TO BE TAKEN ONLY IN THE SEMESTER OF GRADUATION. (FALL, SPRING)

THE MAJOR IN MANAGEMENT

The Management major offers a Human Resource Management focus. Fifteen credit hours of *required* courses must be taken in MGMT 329, MGMT 330, MGMT 420, MGMT 421 and MGMT 425. Stu- dents can choose 6 credits from among the follow- ing: BUAD 351, BUAD 452, BUAD 456, BUAD 486, MGMT 465 and one 300-400 level course in Marketing.

STUDENTS IN THE HONORS PROGRAM MUST FOLLOW THE HONORS CURRICULUM

Management
Required (12 credits)

Course Number	*Credits*	*Title*
MGMT 329	3	HR: Management
MGMT 330	3	Compensation/Bene Mgmt
MGMT 421	3	Training and Development
MGMT 425	3	Staffing and Performance Management

Electives (12 credits)

ENTR 351	3	Entrepreneurship
ENTR 452	3	Adv'd Entrepreneurship
BUAD 456	3	Special Topics in Bus. Administration
BUAD 486	3	Internship and Field Experience
MGMT 465	3	Issues in HR
MGMT 420	3	Labor-Mgmt Relations
MKTG	3	300-400 Level

NOTE: Junior standing in the School of Business and Management means successful completion of 60 credits in General Education and SBM Requirements including MATH 201, ECON 212, ACCT 202, INSS 141.

MANAGEMENT COURSE OFFERINGS

MGMT 324 ORGANIZATIONAL BEHAVIOR- *Three hours; 3 credits.* This course introduces students to the principles of management and organizational behavior, focusing on the behavior of individuals and groups and how such behavior contributes to organizational effectiveness. Topics include managerial functions and roles, perception, learning, motivation, personality, attitudes and values, team dynamics, leadership, influence and power, communication, conflict, and organizational strategy, structure, change, ethics and culture. **Prerequisite:** Junior standing in the SBM. (FALL, SPRING)

MGMT 328 PRODUCTION AND OPERATIONS MANAGEMENT-*Three hours; 3 credits.* This course thoroughly examines the vital function of product manufacturing and service creation as an integrated production and operations management system of resource inputs, conversion processes, and value-added outputs. A managerial, system focus emphasizes effective and efficient production management concepts and techniques. **Prerequisites:** Successful completion of INSS 220 with a grade of "C" or better and Junior standing in the SBM. (FALL, SPRING)

MGMT 329 HUMAN RESOURCE MANAGEMENT - *Three hours; 3 credits.* This course examines principles and practices involved in recruiting, interviewing, selecting, hiring and developing employees. Separations, transfers, promotions, EEO considerations, privacy and affirmative action are considered. **Prerequisite:** Successful completion of MGMT 324 with a grade of "C" or better. (FALL, SPRING)

MGMT 330 COMPENSATION AND BENEFITS MANAGEMENT-*Three hours; 3 credits.* This course is an advanced examination of compensation theory, practice, and benefit programs. Readings, cases, exercises, simulations, projects, and a paper are used to develop competence in compensation management and benefits such as health care, dental, legal rights, child care, educational payments, profit sharing, sick leave, and other employee and managerial incentives. **Prerequisite:** Successful completion of MGMT 329 with a grade of "C" or better. (FALL, SPRING)

MGMT 420 LABOR-MANAGEMENT RELATIONS -*Three hours; 3 credits*. This course examines the concepts, policies, programs, and practices of labor organizations and management groups working together, along with community, agency, and neutrals, to resolve work-place conflicts, minimize labor market and employment adjustments, and enhance organizational performance, productivity, and survivability. Readings, projects, cases and a research-oriented paper are expected. **Prerequisite:** Successful completion of MGMT 329 with a grade of "C" or better. (FALL)

MGMT 421 TRAINING AND DEVELOPMENT-*Three hours; 3 credits.* This is a senior level course that applies the management fundamentals to improve supervisory, managerial, and executive effectiveness. Texts, readings, and projects are designed to enhance managerial skills of planning, organizing, leading, and evaluating well bey- ond basic principles of management. Cases, simulations, and workshop-oriented management training exercises build on other management and business courses to im- prove managerial performance and prospects for upward mobility. Focus is on training to be a better manager and improving fast-track entry into middle and upper management in corporations, and entrepreneurial enterprises. **Prerequisites:** MGMT 329 with a grade of "C" or better and Senior standing in the SBM. This is a course with "Honors" designation. (SPRING)

MGMT 425 STAFFING AND PERFORMANCE MANAGEMENT - *Three hours*; *3 credits*. This course is an advanced examination of the body of theory and practices involved in recruiting, selecting and placing employees as well as techniques and processes involved in measuring and managing the performance contribution of employees. Readings, cases, exercises, simulations, internal or external projects, or a term paper are used to develop an understanding of how systematic staffing and performance management practices serve as means to attract, develop and retain high performing employees to build a sustainable competitive advantage for the organization. **Prerequisite:** Successful completion of MGMT 329 with a grade of "C" or better. (SPRING)

MGMT 465 ISSUES IN HUMAN RESOURCE MANAGEMENT-*Three hours; 3 credits.* This course is an in-depth investigation of selected current trends and issues of importance in HR and industrial relations. It is an integrative, case-oriented approach to the study of problems and policy in HR and industrial relations. Simulation exercises and case analysis are used in addition to lecture and student presentations. **Prerequisite:** Senior standing in the SBM. This is a course with "Honors" designation. (SPRING).

THE MAJOR IN MARKETING

The major in Marketing requires 21 credits beyond the General Education requirements and SBM Requirements. The 15 credits of required Marketing courses are: MKTG 335, MKTG 338, MKTG 340, MKTG 420, and MKTG 495. In addition, students can choose 6 credits from among the following: MKTG 333, MKTG 334, MKTG 336, MKTG 337, MKTG 345, MKTG 346, MKTG 419, MKTG 431, MKTG 465, ENTR 351 and BUAD 486.

STUDENTS IN THE HONORS PROGRAM MUST FOLLOW THE HONORS CURRICULUM

Marketing

Required (12 credits)

Course	*Credits*	*Title*
MKTG 335	3	Consumer Behavior
MKTG 345	3	Services Marketing
MKTG 340	3	Global Marketing
MKTG 495	3	Strategic Marketing Management

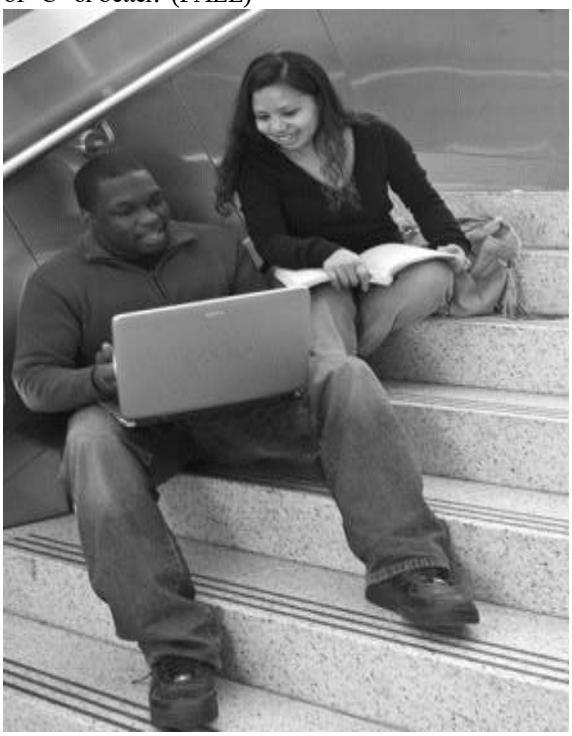
Electives (12 credits)

MKTG 333	3	E-Marketing
MKTG 334	3	B-2-B Marketing
MKTG 336	3	Retail Management
MKTG 337	3	Marketing Channels Management
MKTG 338	3	Professional Selling
MKTG 346	3	Soc. Mktg.
MKTG 419	3	Product Management
MKTG 420	3	Marketing Research System
MKTG 431	3	Advertising and Marketing Communication
MKTG 465	3	Special Topics in Marketing
ENTR 351	3	Entrepreneurship
BUAD 456	3	Special Topics in Business Administration
BUAD 486	3	Internship and Field Experience

NOTE: Junior standing in the School of Business and Management means successful completion of 60 credits in General Education and SBM Requirements including MATH 201, ECON 211, ECON 212, ACCT 202 (OR ACCT 300), INSS 141.

MKTG 331 PRINCIPLES OF MARKETING-*Three hours; 3 credits.* Marketing forms the foundation of all successful business and non-business transactions. This course introduces the student to the concepts and applications of marketing in society and in the firm and presents an overview of the marketing mix, global marketing, and careers in marketing. **Prerequisite:** Junior standing in the SBM. (FALL, SPRING)

MKTG 333 MARKETING IN A DIGITAL ENVIRONMENT- *Three hours; 3 credits.* This course introduces the student to the principles and practices of electronic marketing. It explores strategies and techniques unique to electronic marketing in pricing, product, promotion and distribution as well as integrating e-marketing with business processes. Topics covered includethe unique issues pertaining to consumer behavior, ethics and public policy in electronic marketing. **Prerequisites:** INSS 141 and MKTG 331 with a grade of "C" or better. (FALL)



MKTG 335 CONSUMER BEHAVIOR-*Three hours; 3 credits.* This course focuses the marketing concept on customer orientation, wants, needs, and desires so that organizational resources can be used to deliver need-satisfying products and services. It introduces explanatory and predictive models concerning buyers, marketing policy and strategy. **Prerequisite:** Successful completion of MKTG 331 with a grade of "C" or better. (FALL, SPRING)

MKTG 336 RETAIL MANAGEMENT-*Three hours; 3 credits.* This course examines principles and methods of management as applied for retail problem solving at the managerial level. Includes analysis of location, organization, personnel, inventory control, buying functions, selling and profitability planning and management. **Prerequisite:** Successful completion of MKTG 331 with a grade of "C" or better. (SPRING)

MKTG 337 MARKETING CHANNELS MANAGEMENT-*Three hours; 3 credits.* Marketing channels are the most enduring aspect of marketing strategy. The strategic management of marketing channels involves the design and operation of a distribution network to provide ongoing contact with targeted customers, as well as logistics, which focuses on providing product/service availability at the appropriate times and places in the marketing channel. **Prerequisite:** MKTG 331 with a grade of "C" or better. (FALL)

MKTG 338 PROFESSIONAL SELLING-*Three hours; 3 credits.* This course is a detailed examination of the process and steps in effective selling. It examines the contemporary salesperson's responsibilities of prospecting, making sales calls and presentations, closing sales, ensuring customer satisfaction. It covers sales promotion and territory management. **Prerequisite:** Successful completion of MKTG 331 with a grade of "C" or better. (FALL, SPRING)

MKTG 340 GLOBAL MARKETING-*Three hours; 3 credits.* This course is an analysis and examination of key concepts, environmental and strategic issues involved in entering international markets and conducting marketing operations across national borders. Attention will be focused upon the identification and evaluation of market opportunities, modification of marketing strategies and programs in response to different market needs and constraints, and coordinating strategies in world markets. **Prerequisite:** Successful completion of MKTG 331 with a grade of "C" or better. (FALL, SPRING)

MKTG 345 SERVICES MARKETING-*Three hours; 3 credits.* This course provides a framework for understanding the key issues of services marketing. It focuses on how services differ from goods and how this influences the way the former are marketed. Particular attention is paid to the role of quality in delivering services to meet and exceed customer expectations. Topics covered include the following: blueprinting, role of physical evidence, customer satisfaction, service delivery, promotion, pricing, locating facilities, and consumer decision-making. **Prerequisite:** Successful completion of MKTG 331 with a grade of "C" or better. This is a course with "Honors" designation. (FALL)

MKTG 346 SOCIAL MARKETING-*Three hours; 3 credits.* This course provides coverage of marketing activities related to social causes, ideas, and behaviors. These activities are typically carried out by non-profit organizations involved in such areas as education, health care, religion, and philanthropy. The focus of marketing in these areas is to encourage, promote and sustain desirable social behaviors and ideas and to foster community and volunteer support. **Prerequisite:** MKTG 331 with a grade of "C" or better. (SPRING)

MKTG 419 PRODUCT MANAGEMENT-*Three hours; 3 credits.* Product management involves managing the entire marketing operation of a product from its inception to final customer distribution. This course focuses on both strategic issues, such as product development, positioning, and branding, as well as tactical aspects, such as researching customer needs, managing the product commercialization process, organizing promotions, and sales tracking. **Prerequisite:** MKTG 331 with a grade of "C" or better . (SPRING)

MKTG 420 MARKETING RESEARCH SYSTEMS - *Three hours; 3 credits.* Students learn the salient features of a total marketing research and information system that encompasses internal reports, marketing intelligence, marketing research and analytical marketing. **Prerequisites:** Successful completion of MKTG 331, INSS 141, and INSS 220 with a grade of "C" or better. (FALL, SPRING)

MKTG 431 ADVERTISING AND MARKETING COMMUNICATIONS-*Three hours; 3 credits.* This course emphasizes an understanding and application of the principles of marketing communications from a managerial perspective. It will focus on advertising, sales promotion, and public relations with special attention to the economic, sociological and psychological aspects of behavior. **Prerequisite:** Successful completion of MKTG 335 with a grade of "C" or better. (FALL)

Electives (9 credits)

BUAD 361	3	Fund of Risk Mgmt
BUAD 362	3	Life and Health Insurance
BUAD 371	3	Principles of Real Estate

MKTG 465 SPECIAL TOPICS IN MARKETING - *Three hours; 3 credits.* An advanced course in market- ing devoted to the exploration of new developments in marketing theory and practice and investigation of marketing problems and issues. **Prerequisite:** Senior standing in the SBM. This is a course with "Honors" designation. (FALL)

MKTG 495 STRATEGIC MARKETING MANAGEMENT-*Three hours; 3 credits.* This is a capstone course with a "big picture," environmental focus that examines major managerial problems in marketing. Cases, computer simulations, and literature on strategic marketing management are utilized to enhanced student competence with the principles and processes of strategic market planning, and the development, implementation, and control of marketing plans and programs. **Prerequisites:** MKTG 335, MKTG 420 with a grade of "C" or better and Senior standing in the SBM. (FALL, SPRING)

THE MAJOR IN ENTREPRENEURSHIP

In recognition of the role entrepreneurship plays in the economic development of the nation, the entrepreneurship major focuses on the process of new venture creation, risks and rewards of entrepreneurship, identification and exploitation of entrepreneurial opportunities, and the managerial skills and important interrelationships between business functions (e.g., finance, marketing, management, human resources, and accounting) that are required for successful entrepreneurship.

In addition to the General Education and the SBM requirements, the major in Entrepreneurship requires 21 credits made up of 15 credits of required courses and 6 credits of electives. The required courses are: ENTR 351 (formerly BUAD 351), ENTR 353, BUAD 382, ENTR 384 (formerly BUAD 384), and ENTR 452 (formerly BUAD 452). The 6 credits of electives may be selected from the following courses: BUAD 361, BUAD 362, BUAD 371, ENTR 450, ENTR 457, FIN 344, one 300-400 level course in Management or Marketing.

Required (15 credits)

Course Number	*Credits*	*Title*
ENTR 351	3	Entrepreneurship
ENTR 353	3	Social Entrepreneurship
BUAD 382	3	Business Law
ENTR 384	3	Entrepreneurial Opportunity Recognition
ENTR 452	3	Advanced Entrepreneurship
ENTR 450	3	Managing the Venture Financing Process
ENTR 457	3	Special Topics in Entrepreneurship

FIN 344	3	Investments
MGMT	3	300-400 Level
MKTG	3	300-400 Level

Note: Junior standing in the School of Business and Management means successful completion of 60 credits in General Education and SBM Requirements including MATH 201, ECON 212, ACCT 202 (or ACCT 300), INSS 141.

ENTREPRENEURSHIP COURSE OFFERINGS

ENTR 351 ENTREPRENEURSHIP – *Three hours; 3 credits.* This course focuses on creating, owning and operating a business firm as well as selected opportunities, challenges and strategic problems. The course theme is that success for a new business is dependent upon distinctive strategy, competence, and managerial effectiveness, supported by consistent, efficient policies and practices in marketing, production, finance, human resource management, and customer service. **Prerequisites:** FIN 343, MKTG 331, and MGMT 324. (Formerly BUAD 351) (FALL/SPRING)

ENTR 353 SOCIAL ENTREPRENEURSHIP – *Three hours; 3 credits.* Social entrepreneurship exam- ines the characteristics of a social enterprise and ex- plores the challenges of managing a successful social enterprise. "Social return on investment" is described and applied in diverse "nonprofit" settings. The course prepares the student for a career in social en- trepreneurship through understanding the vision, mis- sion, strategies, goals, and organizational structure of successful and failed social enterprises. **Prerequisites:** FIN 343, MKTG 331, and MGMT 324. (SPRING)

ENTR 384 ENTREPRENEURIAL OPPORTUNITY RECOGNITION – *Three hours; 3 credits.* This course examines the entrepreneurial opportunity recogni- tion process. Discussion of psychological, demograph- ic, economic, social network, marketing, and finance factors will help students better understand how to take an initial new venture concept or idea and turn it into an entrepreneurial opportunity. Students will develop networking and presentation skills, as well as refine their ability to conduct market research and prepare financial projections. **Prerequisites:** FIN 343, MKTG 331, and MGMT 324. (Formerly BUAD 384) (FALL)

ENTR 450 MANAGING THE VENTURE FINANCING PROCESS – *Three hours; 3 credits.* This course will examine the venture financing options avail- able for new business startups. Emphasis is placed on creating and analyzing financial documents, approach- ing financial sources, selling stock for growing com- panies, and managing the financial condition of a new venture. **Prerequisites:** ENTR 351, ENTR 384. (FALL)

ENTR 452 ADVANCED ENTREPRENEURSHIP – *Three hours; 3 credits.* This course concentrates on how new ventures are started. Objectives of the course are understanding entrepreneurs, seeking and evaluat- ing opportunities for new ventures, and gathering re- sources to convert those opportunities into businesses. There are two projects: Students interview entrepren- eurs and write a report, and students write business plans for new ventures they have chosen. **Prerequis- ite:** ENTR 351. This is a course with "Honors" designation. (Formerly BUAD 452) (FALL/SPRING)

ENTR 457 SPECIAL TOPICS IN ENTREPRENEURSHIP – *Three hours; 3 credits.* This course will investigate selected topics of significance to entrepreneurship, business and management. The precise focus varies by semester. Emphasis will be placed on developing the entrepreneurial, analytical and problem-solving skills of students as applied to current business issues. **Prerequisites:** ENTR 351, BUAD 382, ENTR 384. Senior standing in SBM. (SPRING)

THE MAJOR IN HOSPITALITY MANAGEMENT

The Hospitality Management major has a strong business component. The curriculum emphasizes managerial leadership and is designed to develop/prepare students with theoretical and applied business and hospitality knowledge, skills, values and attributes. In addition to the general education and the School of Business and Management requirements, students are required to take twenty-seven hours of hospitality management courses: HOMG 101, 219, 290, 322, 325, 412, 483, 486, and MGMT
329. Six credits of electives may be chosen from the following: ENTR 351, BUAD 361, 456, 486, MGMT 420, MKTG 338, 345, HOMG 300, 321 and six credits of a foreign language.

STUDENTS IN THE HONORS PROGRAM MUST FOLLOW THE HONORS CURRICULUM

Hospitality Management
Required (18 credits)

Course Number	*Credit*	*Title*
HOMG 101	3	Introduction to Hospitality
HOMG 290	3	Sustainable Travel & Tourism Management
HOMG 292	3	Food and Beverage Mgmt
HOMG 300	3	Casino Hotel Management
HOMG 325	3	Rooms Division
HOMG 412	3	Meeting and Convention Management
Electives (6 Credits)		
BUAD 361	3	Risk Management
BUAD 486	3	Internship
ENTR 351	3	Entrepreneurship
MGMT 329	3	Human Resources Mgmt.
MKTG 338	3	Professional Selling
MKTG 345	3	Services Marketing
HOMG 321	3	Restaurant Mgmt from
HOMG 483	3	Food, Bev, Labor Cost Ctl
HOMG 486	3	Hospitality & Tourism Maraketing
Foreign Language	6	6 credits of the same foreign language

HOSPITALITY MANAGEMENT COURSE OFFERINGS

HOMG 101 INTRODUCTION TO THE HOSPITALITY TOURISM INDUSTRY- *Three hours; 3 credits.* An introduction to the study of the hospitality and tourism industry and career opportunities. Emphasis is placed on the history and development of the hospitality industry as well as current trends of restaurants, hotels and motels with food service operations. (FALL, SPRING)

HOMG 290 SUSTAINABLE TRAVEL AND TOURISM OPERATIONS– *Three hours; 3 credits.* This course takes a detailed look at the daily operation of suppliers in the travel industry, to include airlines, cruise lines, rail lines, motor coaches and car rental companies. The course examines legislation and industry practices that have shaped the development of the travel and tourism industry. Sustainable tourism development and marketing practices are discussed. **Prerequisite:** HOMG 101 with a grade of "C" or better. (SPRING)

HOMG 292 FOOD AND BEVERAGE MANAGEMENT-*Three hours; 3 credits.* A study of the different types of food service beginning with an overview of the food-service industry. Detailed con- sideration is given to the components of the food- service system: Menu planning, logistical support, current issues on food safety and sanitation, production, service and controls. **Prerequisite:** HOMG 101. This is a course with "Honors" designation. (FALL, SPRING)

HOMG 300 CASINO OPERATION AND MANAGEMENT-*Three hours;3 credits.* Practices and problems associated with casino management including staffing, security and control, taxation and entertainment. Topics include the economics of the casino, its interface with the hotel, organization and terminology. **Prerequisites:** HOMG 101 with a grade of "C" or better and Junior standing in the SBM. (FALL)

HOMG 325 ROOMS-DIVISION MANAGEMENT *Three hours; 3 credits*. A study of the components of the rooms division, i.e., the front office, reservations, communications-PBX, housekeeping, and security. Full house management and yield management strategies are emphasized in this course. Effective selling techniques and profit maximizing options are examined. **Prerequisites:** HOMG 101 with a grade of "C" or better, and junior standing in the SBM. (SPRING).

HOMG 412 MEETING AND CONVENTION MANAGEMENT - *Three hours; 3 credits.* This course closely examines areas of daily concern to meeting planners. Special emphasis is placed on budgeting for meetings, negotiating contracts with hoteliers, airlines, and surface transportation providers. Timelines for promotion of meetings to membership of associations and corporations are discussed. This course reviews how successful planners use destination marketing organizations, airlines, convention bureaus, etc. to facilitate their meeting plans in a cost-effective manner. **Prerequisites:** HOMG 101 with a grade of "C" or better and senior standing. This is a course with "Honors" designation. (FALL

HOMG 483 FOOD, BEVERAGE AND LABOR COSTS CONTROLS -*Three hours; 3 credits.* Managerial use of food, beverage and labor controls will be discussed, defining a number of key terms and concepts. Detailed consideration is given to the following components: control process, the basics of cost/ volume/ profit analysis, and the application of control processes to the various phases of food and beverage operations; purchasing, receiving, storing, issuing, production and service. **Prerequisites:** HOMG 101, 292, with a grade of "C" or better and Junior standing in the SBM. (SPRING)

HOMG 485 CURRENT ISSUES AND TRENDS IN HOSPITALITY AND TOURISM MANAGEMENT – *Three hours; 3 credits.* This course focuses on current issues and trends which significantly impact the Hospitality and Tourism Industry. Strategies to manage the challenges associated with these impacts are discussed and recommendations considered. Prerequisites: HOMG 101, HOMG 290, HOMG 292, HOMG 325, HOMG 383 with a grade of "C" or better and a Senior standing in the SBM. (SPRING)

HOMG 486 HOSPITALITY AND TOURISM MARKET ING-*Three hours; 3 credits.* This course applies marketing concepts to the hospitality and tourism industry with special emphasis on the role of promotion, market segmentation, positioning, target marketing, and consumer needs and wants. Specific concentration on the hospitality marketing mix: Product/Service, Presentation, Communication, and distribution mix. **Prerequisites:** HOMG 101, 292, 325, MKTG 331 with a grade of "C" or better and Senior standing in the SBM. (FALL).

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN BUSINESS ADMINISTRATION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	101	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Freshman Orientation	1
			15

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	202	Professional Development	3
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
BUAD	371	Principles of Real Estate	3
BUAD	381	Legal Environment	3
BUAD	XXX	Elective*	3
BUAD	XXX	Elective*	3
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
			16

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	361	Fund. Risk Management I	3
ENTR	351	Entrepreneurship	3
INSS	360	Management Information Systems	3
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
BUAD	382	Business Law	3
SBM	XXX	Elective****	3
BUAD	XXX	Elective*	3
BUAD	XXX	Elective*	3
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

*For the Business Administration major four (4) electives must be chosen from the following courses: BUAD 362, BUAD 456, BUAD 486, one MKTG (300-400 level) course, one MGMT (300-400 level) course, one elective from the Accounting and Finance or Information Science and Systems departments, or one elective from outside the school of business and management (e.g., psychology, sociology, etc.).

**Students should select EITHER the HIST 101 and HIST 102 (World history) combination OR the HIST 105 and HIST 106 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION – HONORS
BACHELOR OF SCIENCE DEGREE IN BUSINESS ADMINISTRATION
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	111	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	112	Freshman Orientation - Honors	1
BUAD	108	Intro Professional Development I	0
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
BUAD	109	Intro Professional Development II	0
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	212	Professional Development - Honors	3
BUAD	208	Inter Professional Development	0
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	119	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
BUAD	209	Inter Professional Development	0
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
BUAD	308	Adv Professional Development I	0
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	361	Fund. Risk Management I	3
ENTR	351	Entrepreneurship	3
INSS	360	Management Information Systems	3
BUAD	309	Adv Professional Development II	0
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
BUAD	371	Principles of Real Estate	3
BUAD	381	Legal Environment	3
BUAD	XXX	Elective*	3
BUAD	XXX	Elective*	3
BUAD	408	Sr Sem Professional Development I	0
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	498	Business Policy - Honors	3
BUAD	382	Business Law	3
SBM	XXX	Elective****	3
BUAD	XXX	Elective*	3
BUAD	XXX	Elective*	3
BUAD	409	Sr Sem Professional Development II	0
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

Honors students take Honors Seminars in Professional Development (BUAD 108-408 & 109-409) each semester they are enrolled at Morgan. Honors Seminars are Pass/Fail courses.

*For the Business Administration major four (4) electives must be chosen from the following courses: BUAD 362, BUAD 456, BUAD 486, FIN 344, one MKTG (300-400 level) course, one MGMT (300-400 level) course, one elective from the Accounting and Finance or Information Science and Systems departments, or one elective from outside the school of business and management (e.g., psychology, sociology, etc.).

**Students should select EITHER the HIST 111 and HIST 112 (World history) combination OR the HIST 115 and HIST 116 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN MANAGEMENT
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	101	Freshman Composition I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Freshman Orientation	1
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	Freshman Composition II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	202	Professional Development	3
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
MGMT	329	HR: Management	3
INSS	360	Management Information Systems	3
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
MGMT	330	Compensation/Benefits Mgmt.	3
MGMT	421	Training and Development	3
MGMT	XXX	Elective*	3
MGMT	XXX	Elective*	3
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective ****	3
MGMT	425	Staffing and Performance Mgmt.	3
MGMT	XXX	Elective*	3
MGMT	XXX	Elective*	3
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

*For the Management with a Human Resource Management focus major, three (3) electives must be chosen from the following courses: MGMT 420, MGMT 465; ENTR 351, ENTR 452, BUAD 456, BUAD 486, one MKTG (300-400 level) course, and one elective from the Accounting and Finance or Information Science and Systems departments, or one elective from outside the school of business and management (e.g., psychology, sociology, etc.).

**Students should select EITHER the HIST 101 and HIST 102 (World history) combination OR the HIST 105 and HIST 106 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN MANAGEMENT – HONORS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	111	Freshman Composition I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	112	Freshman Orientation - Honors	1
BUAD	108	Introduction Prof. Development I	0
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	Freshman Composition II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
BUAD	109	Introduction Prof. Development II	0
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	212	Professional Development - Honors	3
BUAD	208	Intermediate Prof. Development I	0
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	119	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
BUAD	209	Intermediate Prof. Development II	0
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
BUAD	308	Advanced Prof. Development I	0
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
MGMT	329	HR: Management	3
INSS	360	Management Information Systems	3
BUAD	309	Advanced Prof. Development II	0
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
MGMT	330	Compensation/Benefits Mgmt.	3
MGMT	421	Training and Development	3
MGMT	XXX	Elective*	3
MGMT	XXX	Elective*	3
BUAD	408	Senior Sem. Prof. Development I	0
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective ****	3
MGMT	425	Staffing and Performance Mgmt.	3
MGMT	XXX	Elective*	3
MGMT	XXX	Elective*	3
BUAD	409	Senior Sem. Prof. Development II	0
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121
Honors students take Honors Seminars in Professional Development (BUAD 108-408 & 109-409) each semester they are enrolled at Morgan.
Honors Seminars are pass/fail courses.
*For the Management with a Human Resource Management focus major, three (3) electives must be chosen from the following courses: MGMT 420, MGMT 465; ENTR 351, ENTR 452, BUAD 456, BUAD 486, one MKTG (300-400 level) course, and one elective from the Accounting and Finance or Information Science and Systems departments, or one elective from outside the school of business and management (e.g., psychology, sociology, etc.).
**Students should select EITHER the HIST 111 and HIST 112 (World history) combination OR the HIST 115 and HIST 116 (U.S. History) combination in order to meet requirements.
*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".
**** Course must be from outside major but within the School of Business and Management.
[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.
[1] Students should select eligible course from the catalog under section "Health and Healthful Living".
[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.
[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN MARKETING
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	101	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Freshman Orientation	1
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	202	Professional Development	3
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
MKTG	335	Consumer Behavior	3
INSS	360	Management Information Systems	3
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
MKTG	345	Services Marketing	3
MKTG	420	Marketing Research Systems	3
MKTG	XXX	Elective*	3
MKTG	XXX	Elective*	3
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective****	3
MKTG	495	Advanced Entrepreneurship	3
MKTG	XXX	Elective*	3
MKTG	XXX	Elective*	3
			15

TOTAL CREDIT HOURS **121**

Total Semester Hours Required: 121

*Marketing Electives must be chosen from the following courses: MKTG 333, 336, 337, 338, 340, 346, 419, 431, 465; ENTR 351, BUAD 456 and 486.

**Students should select EITHER the HIST 101 and HIST 102 (World history) combination OR the HIST 105 and HIST 106 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN MARKETING - HONORS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	111	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	112	Freshman Orientation - Honors	1
BUAD	108	Introduction Prof. Development I	0
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
BUAD	109	Introduction Prof. Development II	0
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	212	Professional Development - Honors	3
BUAD	208	Intermediate Prof. Development I	0
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	119	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
BUAD	209	Intermediate Prof. Development II	0
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
BUAD	308	Advanced Prof. Development I	0
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
MKTG	335	Consumer Behavior	3
INSS	360	Management Information Systems	3
BUAD	309	Advanced Prof. Development II	0
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
MKTG	345	Services Marketing	3
MKTG	420	Marketing Research Systems	3
MKTG	XXX	Elective*	3
MKTG	XXX	Elective*	3
BUAD	408	Senior Sem. Prof. Development I	0
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective****	3
MKTG	495	Advanced Entrepreneurship	3
MKTG	XXX	Elective*	3
MKTG	XXX	Elective*	3
BUAD	409	Senior Sem. Prof. Development II	0
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121
Honors students take Honors Seminars in Professional Development (BUAD 108-408 & 109-409) each semester they are enrolled at Morgan.
Honors Seminars are Pass/Fail courses.
*Marketing Electives must be chosen from the following courses : MKTG 333, 336, 337, 338, 340, 345, 346, 419, 431, 465; ENTR 351, BUAD 456 and 486.
**Students should select EITHER the HIST 111 and HIST 112 (World history) combination OR the HIST 115 and HIST 116 (U.S. History) combination in order to meet requirements.
*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".
**** Course must be from outside major but within the School of Business and Management.
[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.
[1] Students should select eligible course from the catalog under section "Health and Healthful Living".
[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.
[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN ENTREPRENEURSHIP
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	101	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Freshman Orientation	1
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
HEED	XXX	Health[1]	3
INSS	141	Digital Lit & App Software	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	202	Professional Development	3
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
ENTR	351	Entrepreneurship	3
INSS	360	Management Information Systems	3
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
ENTR	353	Social Entrepreneurship	3
BUAD	382	Business Law	3
ENTR	384	ENTR Opportunity Recognition	3
ENTR	XXX	Elective*	3
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective****	3
ENTR	452	Advanced Entrepreneurship	3
ENTR	XXX	Elective*	3
ENTR	XXX	Elective*	3
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

*Entrepreneurship Electives must be chosen from the following courses: BUAD 361, BUAD 362, BUAD 371, ENTR 345, ENTR 450, ENTR 457, FIN 344, MKTG (300-400) Level or MGMT (300-400) Level.

**Students should select EITHER the HIST 101 and HIST 102 (World history) combination OR the HIST 105 and HIST 106 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN ENTREPRENEURSHIP - HONORS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	111	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
MATH	113	Intro to Math Analysis	4
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Orientation & Prof. Development	1
BUAD	108	Introduction Prof. Development I	0
			15

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	Freshman Comp II	3
SB	XXX	Social & Behavioral Sciences[2]	3
PHEC	XXX	Physical Education	1
INSS	141	Digital Lit & App Software	3
HEED	XXX	Health[1]	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
BUAD	109	Introduction Prof. Development II	0
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	212	Professional Development - Honors	3
BUAD	208	Intermediate Prof. Development I	0
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	119	Intro to Logic	3
ACCT	202	Principles of Accounting II	3
AH	XXX	Arts & Humanities[3]	3
ECON	212	Economics II (MICRO)	3
INSS	220	Analytical Decisions	3
BUAD	209	Intermediate Prof. Development II	0
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
FIN	343	Managerial Finance	3
MKTG	331	Principles of Marketing	3
XXX	XXX	Contemporary/Global Elective***	3
BUAD	308	Advanced Prof. Development I	0
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fund. of International Business	3
BUAD	381	Legal Environment	3
ENTR	351	Entrepreneurship	3
INSS	360	Management Information Systems	3
BUAD	309	Advanced Prof. Development II	0
			15

SENIOR YEAR (FIRST SEMESTER)

MGMT	328	Production & OM	3
ENTR	353	Social Entrepreneurship	3
BUAD	382	Business Law	3
ENTR	384	ENTR Opportunity Recognition	3
ENTR	XXX	Elective*	3
BUAD	408	Senior Sem. Prof. Development I	0
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
SBM	XXX	Elective****	3
ENTR	452	Advanced Entrepreneurship	3
ENTR	XXX	Elective*	3
ENTR	XXX	Elective*	3
BUAD	409	Senior Sem. Prof. Development II	0
			15

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

*Entrepreneurship Electives must be chosen from the following courses: BUAD 361, BUAD 362, BUAD 371, ENTR 450, ENTR 457, FIN 344, MKTG (300-400) Level or MGMT (300-400) Level.

**Students should select EITHER the HIST 111 and HIST 112 (World history) combination OR the HIST 115 and HIST 116 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN HOSPITALITY MANAGEMENT
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	101	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
HEED	XXX	Health[1]	3
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	102	Freshman Orientation	1
MATH	113	Intro to Math Analysis	4
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	Freshman Comp II	3
INSS	141	Digital Lit & App Software	3
HOMG	101	Intro to Hospitality Industry	3
SB	XXX	Social & Behavioral Sciences[2]	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
PHEC	XXX	Physical Education	1
			16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
AH	XXX	Arts & Humanities[3]	3
ECON	211	Economics I (MACRO)	3
BUAD	202	Professional Development	3
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	Intro to Logic	3
ECON	212	Economics II (MICRO)	3
AH	XXX	Arts & Humanities[3]	3
INSS	220	Analytical Decisions	3
ACCT	202	Principles of Accounting II	3
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
FIN	343	Managerial Finance	3
HOMG	290	Sus. Travel & Tourism Management	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
MKTG	331	Principles of Marketing	3
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fundamentals International Busines	3
BUAD	381	Legal Environment	3
HOMG	292	Food & Beverage Management	3
MGMT	328	Production & OM	3
			15

SENIOR YEAR (FIRST SEMESTER)

HOMG	300	Casino Operation & Management	3
HOMG	XXX	Elective *	3
INSS	360	Management Information Systems	3
SBM	XXX	Elective****	3
XXX	XXX	Contemporary/Global Elective***	3
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
HOMG	325	Rooms Division Management	3
HOMG	412	Meeting & Convention Mgmt.	3
HOMG	XXX	Elective*	3
			12

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

***ELECTIVES:**

BUAD	327	International Business
BUAD	361	Risk Management
BUAD	486	Hospitality Internship
ENTR	351	Entrepreneurship
MGMT	329	Human Resources Management
MGMT	420	Labor-Management Relations
MKTG	338	Professional Selling
HOMG	483	Food, Beverage and Labor Costs Controls
HOMG	485	Current Issues & Trends in Hosp. & Tour. Mgmt.
HOMG	486	Hospitality & Tourism Marketing

6 Cr Hours of the Same Foreign Language

**Students should select EITHER the HIST 101 and HIST 102 (World history) combination OR the HIST 105 and HIST 106 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

MORGAN STATE UNIVERSITY
DEPARTMENT OF BUSINESS ADMINSITRATION
BACHELOR OF SCIENCE DEGREE IN HOSPITALITY MANAGEMENT - HONORS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL	111	Freshman Comp I	3
SB	XXX	Social & Behavioral Sciences[2]	3
HEED	XXX	Health[1]	3
XXX	XXX	Bio & Phys Science (BP) Part A[a]	4
ORBM	112	Freshman Orientation - Honors	1
MATH	113	Intro to Math Analysis	4
BUAD	108	Introduction Prof. Development I	0
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	Freshman Comp II	3
INSS	141	Digital Lit & App Software	3
HOMG	101	Intro to Hospitality Industry	3
SB	XXX	Social & Behavioral Sciences[2]	3
XXX	XXX	Bio & Phys Science (BP) Part B[a]	3
PHEC	XXX	Physical Education	1
BUAD	109	Introduction Prof. Development II	0
			16

SOPHOMORE YEAR (FIRST SEMESTER)

ECON	211	Economics I (MACRO)	3
AH	XXX	Arts & Humanities	3
MATH	201	Calculus for Non-Science Majors	3
ACCT	201	Principles of Accounting I	3
BUAD	212	Professional Development - Honors	3
BUAD	208	Intermediate Prof. Development I	0
			15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	119	Intro to Logic	3
ECON	212	Economics II (MICRO)	3
AH	XXX	Arts & Humanities[3]	3
INSS	220	Analytical Decisions	3
ACCT	202	Principles of Accounting II	3
BUAD	209	Intermediate Prof. Development II	0
			15

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	Business Communications	3
FIN	343	Managerial Finance	3
HOMG	290	Sus. Travel & Tourism Management	3
MGMT	324	Prin. Of MGMT & Org. Behavior	3
MKTG	331	Principles of Marketing	3
BUAD	308	Advanced Prof. Development I	0
			15

JUNIOR YEAR (SECOND SEMESTER)

BUAD	326	Business Ethics & Society	3
BUAD	327	Fundamentals International Busines	3
BUAD	381	Legal Environment	3
HOMG	292	Food & Beverage Management	3
MGMT	328	Production & OM	3
BUAD	309	Advanced Prof. Development II	0
			15

SENIOR YEAR (FIRST SEMESTER)

HOMG	300	Casion Operation & Management	3
HOMG	XXX	Restricted Elective *	3
INSS	360	Management Information Systems	3
SBM	XXX	Elective ****	3
XXX	XXX	Contemporary/Global Elective ***	3
BUAD	408	Senior Sem. Prof. Development I	0
			15

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	Business Policy	3
HOMG	325	Rooms Division Management	3
HOMG	412	Meeting & Convention Mgmt.	3
HOMG	XXX	Elective*	3
BUAD	409	Senior Sem. Prof. Development II	0
			12

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 121

***ELECTIVES:**

BUAD 327 International Business
MKTG 338 Professional Selling
BUAD 361 Risk Management
HOMG 483 Food, Beverage and Labor Costs Controls
BUAD 486 Hospitality Internship
HOMG 485 Current Issues & Trends in Hosp. & Tour. Mgmt.
ENTR 351 Entrepreneurship
HOMG 486 Hospitality & Tourism Marketing
MGMT 329 Human Resources Management
6 Cr Hours of the Same Foreign Language
MGMT 420 Labor-Management
Relations

Honors students take Honors Seminars in Professional Development (BUAD 108-408 & 109-409) each semester they are enrolled at Morgan. Honors Seminars are Pass/Fail courses.

**Students should select EITHER the HIST 111 and HIST 112 (World history) combination OR the HIST 115 and HIST 116 (U.S. History) combination in order to meet requirements.

*** Students should select eligible course from the university catalog under section "Contemporary and Global Issues".

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A as indicated and PART B as indicated.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living".

[2] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the SB category. **ONE** course **must** be History 101, 102, 105, **or** 106. For honor students it must be 111, 112, 115 **or** 116.

[3] Students **must** select two (2) courses for a total of six (6) credits from ***"different"*** disciplines in the AH category. **ONE** course **must** be Humanities 201 **or** 202. For honor students it must be 211 **or** 212.

INFORMATION SCIENCE AND SYSTEMS

Chairperson of Department: PROFESSOR SANJAY BAPNA;

Professors: GANESH BHATT, ALI EMDAD, OTIS THOMAS, JIGISH ZAVERI; Associate Professors: DENNIS K. AGBOH, DESSA DAVID, SANDIP PATEL, ABIRAMI RADHAKRISHNAN, GREGORY RAMSEY, XINGXING ZU; Assistant Professors:, SAMUEL EJIAKU, ZIPING WANG; Lecturers: MUHAMMED BADAMAS.

THE MAJOR IN INFORMATION SCIENCE AND SYSTEMS

The mission of the department of Information Science and Systems is to offer high quality programs in information systems at the undergraduate and doctoral level, services and supply chain management at the undergraduate level, and project management at the graduate level. The department seeks to provide opportunities for students to study and apply various technical and organizational knowledge and skills. The department's regularly updated curricula are taught by a team of highly qualified faculty that engages in research and brings corporate and government technical IT work experience to the classroom. The programs are suitable for students who are planning (1) to work in a corporate environment, (2) to operate their own business, (3) to obtain a strong background for pursuing graduate studies. The program enables the student to develop solid foundations in key technologies, methodologies, processes, and organizational skills.

REQUIREMENTS FOR A MAJOR IN INFORMATION SYSTEMS:
INSS 141, INSS 360, INSS 250, INSS 370, INSS 380, INSS 390, INSS 391, INSS 496 and two of the following courses: INSS 260, INSS 395, INSS 450, INSS 460, INSS 480, INSS 491, INSS 492, INSS 494, INSS 495, SSCM 330. In addition to the above requirements students must satisfy all Graves School of Business and Management requirements as well as the General Education requirements. In addition to two INSS courses as electives, students select one course from SBM as an elective. Please note: INSS 141 is a General Education requirement and INSS 360 is a School of Business and Management requirement.

REQUIREMENTS FOR A MINOR IN INFORMATION SYSTEMS FOR STUDENTS ENROLLED IN THE GRAVES SCHOOL OF BUSINESS AND MANAGEMENT: INSS 250, INSS 370, INSS 380 and one of the following courses: INSS 390, INSS 391, INSS 395, INSS 460, INSS 494, INSS 496.

REQUIREMENTS FOR A MINOR IN INFORMATION SYSTEMS FOR STUDENTS IN MSU DEPARTMENTS OUTSIDE OF THE GRAVES SCHOOL: INSS 141, MATH 113, INSS 360, INSS 250, INSS 370, INSS 380 and one of the following courses: INSS 390, INSS 391, INSS 395, INSS 460, INSS 494, INSS 496.

NOTE: It is recommended that non-business majors who are seeking a minor in information systems take their electives from the Graves School courses if possible. Students are encouraged to declare the INSS minor as early as possible and should consult with the INSS Department advisors to ensure that courses are taken in the proper sequence.

HONORS PROGRAM: In addition to benefiting from a comprehensive IS curriculum, Honors students must satisfy the Honors requirement by taking two specially designated courses. They must successfully complete the assigned projects developed specifically for the Honors students. The following two courses have the Honors components: INSS 380 and INSS 390 or its substitute.

TRANSFER POLICY: Students may receive transfer credits for the following:

Digital Literacy and Application Software. Spreadsheets coverage is heavily emphasized, along with database, presentation graphics and general computing concepts. Topics include: basic components of Information Technology infrastructure including hardware, software, networking and telecommunications, database management, enterprise systems, systems development and others.

Concepts in Computational Thinking. (by validation from Department and Instructor. Contact Department for Validation Process).

Business Statistics. Coverage of topics in descriptive and inferential statistics. **(with C or better grade)**

INFORMATION SCIENCE AND SYSTEMS COURSE OFFERINGS

INSS 141 DIGITAL LITERACY AND APPLICATION SOFTWARE - *Three hours; 3 credits.* This course is an introduction to computers and information processing in business. Students will examine and understand the importance, function, and use of computers in business. In addition, the course provides hands-on experience with commercially available microcomputer software packages for word processing, electronic spreadsheets, presentation, and database management. Note: This course is required of all Business School students. (Formerly Introduction to Computer-Based Information Systems) (FALL, SPRING, SUMMER)

INSS 220 ANALYTICAL DECISION-MAKING FOR BUSINESS AND MANAGEMENT- *Three hours; 3 credits.* This course covers the statistical methods for solving business problems encountered in the functional areas of business. Students will learn and apply measures of central tendency, dispersion, probability concepts, probability distributions, sampling methods, sampling distributions, hypothesis testing procedures, analysis of variance models, correlation and regression analysis. . Case studies and statistical software tools will be used extensively throughout the course to relate the concepts and methods to business environments. Note: This course is required of all Business School students. **Prerequisites** (with C or better grade)**:** MATH 113, INSS 141. (FALL, SPRING)

INSS 250 CONCEPTS IN COMPUTATIONAL THINKING - *Three hours; 3 credits* The aim of this course is to enhance the students' analytical, logical, and structured thinking skills. Students will learn to formulate problems, design algorithms, and develop and implement solutions. The course discusses basic concepts such as selection, sequence, and iteration. (Formerly Information Systems Concepts and Methods). Prerequisites (with C or better grade): INSS 141. (FALL, SPRING)

INSS 260 OBJECT ORIENTED PROGRAMMING FOR BUSINESS APPLICATIONS – *Three hours; 3 credits.* This course introduces students to classes, objects, and other object-oriented concepts. Using an integrated development environment, this course provides a comprehensive foundation in object-oriented programming for business applications. Students design, code and execute object-oriented programs. (Formerly INSS 497). **Prerequisite (with C or better grade)**: INSS 250 (OFFERED AS NEEDED)

INSS 360 MANAGEMENT INFORMATION SYSTEMS - *Three hours; 3 credits.* This course introduces students to information systems (IS) concepts, describe how IS are designed, and the business functions such systems play in organizations. Technological, as well as, global and ethical issues of IS will be addressed in detail. Students will learn how to identify, analyze, and propose possible IS solutions to a variety of organizational problems. The course material will include up-to-date *real world* case studies and contemporary business problems that will highlight the theoretical concepts. Topics include enterprise information systems, strategic utilization of IT, information systems planning, IT in organizations, e-commerce, and others. Students will be required to analyze and solve business problems using, the productivity tool, MS Office. **Prerequisites (with C or better grade): INSS 141.** (FALL, SPRING)

INSS 370 SYSTEMS ANALYSIS AND DESIGN - *Three hours; 3 credits*. The course introduces students to the process of developing information systems. It provides an introduction to *a systematic methodology* utilizing tools and techniques to enable effective analysis, design and documentation of information systems. Students will learn traditional and agile design and development *techniques*. Students will gain hands-on experience from this course by developing models from the core of formal methods in systems development. **Prerequisite (with C or better grade)**: INSS 360. (FALL)

INSS 380 DATA AND INFORMATION MANAGEMENT- *Three hours; 3 credits* This course provides an introduction to the fundamental concepts of data and information management. Students learn data modeling techniques, relational data models, normalization techniques, security, and implementation of databases. The course provides an understanding of the theory as well as hands-on experience in database design, implementation, and utilization of organizational databases with DBMS and a language such as SQL. (Formerly Database Systems). **Prerequisite (with C or better grade)**: INSS 360. (FALL)

INSS 390 ENTERPRISE INFORMATION SYSTEMS MANAGEMENT I - *Three hours, 3 credits*. . This course introduces students to issues related to adoption and strategic use of enterprise information systems in a variety of organizations. Topics include adoption and strategic use of enterprise information systems such as ERP, CRM and supply chain management systems, enterprise architectures, business process management, reengineering, change management, investment analysis, security issues, IT outsourcing, vendor selection and current trends related to the study of enterprise information systems. (Formerly INSS 430). **Prerequisite (with C or better grade)**: INSS 360. (SPRING)

INSS 391 IT INFRASTRUCTURE AND SECURITY - *Three hours; 3 credits* This course provides an introduction to IT infrastructure and covers fundamental networking concepts. Topics include networking standards, the OSI model, transmission basics, networking media, introduction to TCP/IP protocols, topologies, ethernet standards, hardware, switching, addressing, and subnetting. It introduces students to wireless network, network security and how to design a secured local area network, **Prerequisite (with C or better grade):** INSS 360. (SPRING)

INSS 395 DATA ANALYTICS FOR ENTERPRISES - *Three hours, 3 credits*. This course prepares students to leverage organizational data and information assets by using sound analytical frameworks for operational, tactical and strategic purposes. Topics include data formats, information

architectures, data governance, dimensionality reduction, classification and clustering models, association rule mining, text mining, OLAP, forecasting, and multivariate statistical models, other emerging analytical models, and storage technologies. **Prerequisite (with C or better grade):** INSS 220.

INSS 450 APPLICATION DEVELOPMENT - *Three hours, 3 credits.* This course introduces students to application development. Students design and develop dynamic business applications. This hands-on course provides a comprehensive foundation for event driven object-oriented programming. (Formerly INSS 455). **Prerequisites (with C or better grade):** INSS 250. (OFFERED AS NEEDED)

INSS 460 ENTERPRISE INFORMATION SYSTEMS MANAGEMENT II - *Three hours, 3 credits.* This course introduces students to business processes in enterprises through an understanding of system configuration and business process workflows. Students learn how to configure and provide basic systems support for enterprise information systems modules such as procurement, sales, production planning, logistics, finance and control. Concepts, issues, current trends, decision making and systems configuration are addressed through case studies and hands-on exercises. **Prerequisite (with C or better grade):** INSS 360 (OFFERED AS NEEDED)

INSS 480 ADVANCED DATA AND INFORMATION MANAGEMENT – *Three hours; 3 credits*. This course covers advanced topics of database management systems including de-normalization, abstract data types, query optimization, and other topics. SQL is covered in-depth with extensive coverage given to SQL and database instance tuning. In this course students learn about advanced features in an industrial-strength DBMS. Students learn database programming of triggers, stored procedures, and methods. Aditionally students are introduced to XML and NoSQL databases. **Prerequisites (with C or better grade):** INSS 380. (OFFERED AS NEEDED)

INSS 491 CURRENT ISSUES IN INFORMATION SYSTEMS - *Three hours; 3 credits.* This course focuses on timely and relevant topics in computer information systems that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and additional pre-requisites will be announced during the preceding semester (Formerly Special Topics in Information Systems). **Prerequisites (with C or better grade)**: INSS 250. (OFFERED AS NEEDED)

INSS 492 SPECIAL TOPICS IN INFORMATION SYSTEMS – *Three hours; 3 credits*. This course addresses specific trends in information systems. **Pre-requisites (with C or better grade)**: INSS 250, INSS 360. (OFFERED AS NEEDED)

INSS 494 INFORMATION SECURITY AND RISK MANAGEMENT - *Three hours, 3 credits.* This course will prepare students to develop skills in information security and risk management. This is a survey course that will cover a range of information security topics, from technical areas such as cryptology and network security to a policy area such as risk management. **Pre-requisites (with C or better grade)**: INSS 391 (OFFERED AS NEEDED)

INSS 495 INTERNSHIP IN INFORMATION SYSTEMS - Three hours; 3 credits. This course provides students in Information Systems the opportunity to broaden their education experience through supervised work assignments with organizations or governmental agencies. **Prerequisite**: Permission of the INSS chairperson. (FALL, SPRING, SUMMER)

INSS 496 IT PROJECT MANAGEMENT – *Three hours, 3 credits.* This course discusses the processes, methods, techniques and tools that organizations use to manage their information systems projects. The course covers a systematic methodology for initiating, planning, executing, controlling, and closing projects. The course covers all project management knowledge areas as outlined by Project Management Institute. **Prerequisite (with C or better grade)**: INSS 370. (SPRING)

2015 – 2017

MORGAN STATE UNIVERSITY
CURRICULUM IN INFORMATION SYSTEMS
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
SUGGESTED SEQUENCE OF COURSES

FRESHMAN YEAR (FIRST SEMESTER)

ENG	101	FRESHMEN COMP I	3
HIST	XXX	HISTORY**	3
HEED	XXX	HEALTH[1]	3
MATH	113	INTRO TO MATH ANALYSIS	4
XXX	XXX	BIO & PHY SCI (BP) PART A[a]	4
ORBM	102	FRESHMAN ORIENTATION	1
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	FRESHMEN COMP II	3
SBX	XXX	SOC AND BEH SCI[2]	3
PHEC	XXX	PHYSICAL EDUCATION	1
INSS	141	DIGITAL LITERACY & APP	3
XXX	XXX	BIO & PHY SCI (BP) PART B[a]	3
			13

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	CALCULUS FOR NON SCI	3
ACCT	201	PRIN ACCT I	3
HUMA	201	HUMANITIES I	3
ECON	211	ECONOMICS I (MACRO)	3
BUAD	202	BUS LEADERSHIP SEM	3
INSS	360	MGMT INFO SYSTEMS	3
			18

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	INTRO TO LOGIC	3
ACCT	202	PRIN ACCT II	3
AHX	XXX	ART AND HUM[3]	3
ECON	212	ECONOMICS II (MICRO)	3
INSS	220	ANALYTICAL DECISIONS	3
INSS	250	COMPUTATIONAL THINKING	3
			18

JUNIOR YEAR (FIRST SEMESTER)

INSS	XXX	ELECTIVE*	3
MGMT	324	ORG. BEHAVIOR	3
MKTG	331	PRIN OF MKTG	3
INSS	370	SYSTEMS ANALY & DESIGN	3
INSS	380	DATA & INFO MGMT	3
			15

JUNIOR YEAR (SECOND SEMESTER)

MGMT	328	PROD & OPERATIONS MGT	3
FIN	343	MANAGERIAL FINANCE	3
INSS	390	ENTERPRISE INFO SYS I	3
INSS	391	INFRASTRUC & SECURITY	3
BUAD	326	BUSINESS, ETHICS & SOCIETY	3
			15

SENIOR YEAR (FIRST SEMESTER)

BUAD	381	LEGAL & ETHICAL ENV.	3
BUAD	327	FUND INTERN BUS	3
ENGL	357	BUS COMMUNICATION	3
SBM	XXX	ELECTIVE****	3
			12

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	BUSINESS POLICY	3
INSS	496	IT PROJECT MGT	3
INSS	XXX	ELECTIVE*	3
XXX	XXX	CON/GLOBAL ELECTIVE***	3
			12

TOTAL CREDIT HOURS **121**

*For the INSS major two (2) electives must be chosen from the following courses: INSS 260, INSS 395, INSS 450, INSS 460, INSS 480, INSS 491, INSS 492, INSS 494, INSS 495, SSCM 330
**Students should select either HIST 101 (World History) or HIST 105 (U.S. History) to meet requirements
*** See General Education options under "Contemporary and Global Issues" section in university catalog for eligible courses.
**** Course must be from outside major but within the School of Business and Management.
[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A in the first semester and PART B in the second semester.
[1] Students should select eligible course from the catalog under section "Health and Healthful Living".
[2] Students should select eligible course from the catalog under section "Social and Behavioral Science" other than HIST XXX courses.
[3] Students should select eligible course from the catalog under section "Art and Humanities" other than HUMA XXX courses.

NOTE: Students are held individually responsible for the information outlined in the University Catalog. Failure to read and comply with University regulations and policies will not exempt students from whatever penalties they may incur.

2015 – 2017
MORGAN STATE UNIVERSITY
CURRICULUM IN INFORMATION SYSTEMS
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
SUGGESTED SEQUENCE OF COURSES – **HONORS PROGRAM**

FRESHMAN YEAR (FIRST SEMESTER)

ENG	111	FRESHMEN COMP I	3
HIST	XXX	HISTORY**	3
HEED	XXX	HEALTH[1]	3
MATH	113	INTRO TO MATH ANALYSIS	4
XXX	XXX	BIO & PHY SCI (BP) PART A[a]	4
ORBM	112	HONORS ORIENTATION	1
BUAD	108	INTRO TO PD I / HON SEM	0
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	FRESHMEN COMP II	3
SBX	XXX	SOC AND BEH SCI[2]	3
PHEC	XXX	PHYSICAL EDUCATION	1
INSS	141	DIGITAL LITERACY & APP	3
XXX	XXX	BIO & PHY SCI (BP) PART B[a]	3
BUAD	109	INTRO TO PD II / HON SEM	0
			13

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	CALCULUS FOR NON SCI	3
ACCT	201	PRIN ACCT I	3
HUMA	211	HUMANITIES I HON	3
ECON	211	ECONOMICS I (MACRO)	3
BUAD	212	HON BUS LEADERSHIP SEM	3
INSS	360	MGMT INFO SYSTEMS	3
BUAD	208	INTERM PD I / HON SEM	0
			18

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	INTRO TO LOGIC	3
ACCT	202	PRIN ACCT II	3
AHX	XXX	ART AND HUM[3]	3
ECON	212	ECONOMICS II (MICRO)	3
INSS	220	ANALYTICAL DECISIONS	3
INSS	250	COMPUTATIONAL THINKING	3
BUAD	209	INTERM PD II / HON SEM	0
			18

JUNIOR YEAR (FIRST SEMESTER)

INSS	XXX	ELECTIVE*	3
MGMT	324	ORG. BEHAVIOR	3
MKTG	331	PRIN OF MKTG	3
INSS	370	SYSTEMS ANALY & DESIGN	3
INSS	380	DATA & INFO MGT HON	3
BUAD	308	ADV PD I / HON SEM	0
			15

JUNIOR YEAR (SECOND SEMESTER)

MGMT	328	PROD & OPERATIONS MGT	3
FIN	343	MANAGERIAL FINANCE	3
INSS	390	ENTERPRISE INFO SYS I HON	3
INSS	391	INFRASTRUC & SECURITY	3
BUAD	326	BUSINESS, ETHICS & SOC	3
BUAD	309	ADV PD II / HON SEM	0
			15

SENIOR YEAR (FIRST SEMESTER)

ENGL	357	BUS COMMUNICATION	3
BUAD	381	LEGAL & ETHICAL ENV.	3
BUAD	327	FUND INTERN BUS	3
SBM	XXX	ELECTIVE****	3
BUAD	408	HON SR. SEM	0
			12

SENIOR YEAR (SECOND SEMESTER)

BUAD	498	HON. BUSINESS POLICY	3
INSS	496	IT PROJECT MGT	3
INSS	XXX	ELECTIVE*	3
XXX	XXX	CON/GLOBAL ELECTIVE***	3
BUAD	409	HON SR. SEM	0
			12

TOTAL CREDIT HOURS 121

*For the INSS major two (2) electives must be chosen from the following courses: INSS 260, INSS 395, INSS 450, INSS 460, INSS 480, INSS 491, INSS 492, INSS 494, INSS 495, SSCM 330
**Students should select either HIST 101 (World History) or HIST 105 (U.S. History to meet requirements
*** See General Education options under "Contemporary and Global Issues" section in university catalog for eligible courses.
**** Course must be from outside major but within the School of Business and Management.
[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A in the first semester and PART B in the second semester.
[1] Students should select eligible course from the catalog under section "Health and Healthful Living".
[2] Students should select eligible course from the catalog under section "Social and Behavioral Science" other than HIST XXX courses.
[3] Students should select eligible course from the catalog under section "Art and Humanities" other than HUMA XXX courses.
NOTE: Students are held individually responsible for the information outlined in the University Catalog. Failure to read and comply with University regulations and policies will not exempt students from whatever penalties they may incur.

THE MAJOR IN SERVICES AND SUPPLY CHAIN MANAGEMENT

The objectives of the Department are to provide opportunities for students to study various services & supply chain processes and systems leading to the Bachelor of Science degree in Services and Supply Chain Management. This major is suitable for students who are planning (1) to work in a corporate environment, (2) to operate their own business, (3) to obtain a strong business and systems background for pursuing graduate studies. The program enables the student to develop a solid foundation in key services and supply chain processes and in organizational and business skills.

REQUIREMENTS FOR A MAJOR IN SERVICES AND SUPPLY CHAIN MANAGEMENT
SSCM 280, SSCM 330, SSCM 336, MKTG 345, SSCM 355, INSS 460, SSCM 480; plus one elective from INSS and one from SBM. In addition to the above requirements students must satisfy all Graves School of Business and Management requirements as well as the General Education and university requirements. In addition to one INSS course as an elective, students select one course from SBM as an elective.

REQUIREMENTS FOR A MINOR IN SERVICES AND SUPPLY CHAIN MANAGEMENT FOR STUDENTS ENROLLED IN THE GRAVES SCHOOL OF BUSINESS AND MANAGEMENT:
SSCM 280, SSCM 330, SSCM 336 and one of the following courses: MKTG 345, SSCM 355, INSS 460 and SSCM 480

REQUIREMENTS FOR A MINOR IN SERVICES AND SUPPLY CHAIN MANAGEMENT FOR STUDENTS IN MSU DEPARTMENTS OUTSIDE OF THE GRAVES SCHOOL:
MATH 113,INSS 220, MGMT 328, SSCM 280, SSCM 330, SSCM 336 and one of the following: MKTG 345, SSCM 355, INSS 460 and SSCM 480

HONORS PROGRAM: In addition to benefiting from a comprehensive SSCM curriculum, Honors students must satisfy the Honors requirement by taking two specially designated courses. They must successfully complete the assigned projects developed specifically for the Honors students. The following two courses are offered during the junior and senior years and have the Honors components: SSCM 355 and INSS 460 or its substitute. It is recommended that non-business majors who are seeking a minor in services and supply chain management take their electives from the Graves School courses if possible. Students are encouraged to declare the SSCM minor as early as possible and should consult with the INSS Department advisors to ensure that courses are taken in the proper sequence.

SERVICES AND SUPPLY CHAIN MANAGEMENT COURSE OFFERINGS

SSCM 280 SERVICES OPERATIONS MANAGEMENT. *Three hours, 3 credits.* This course introduces the concepts, principles, problems, and practices of successful service operations management. Topics include: the role of services in the economy, strategic positioning and internet strategies, new service development process, managing service expectations, front-office & back-office interface, service quality, yield management, waiting time management, and site selection. (SPRING)

SSCM 330 SUPPLY CHAIN MANAGEMENT AND SUSTAINABILITY. *Three hours, 3 credits*. This course introduces students to strategies and techniques for effective supply chain management and sustainability. Topics include: basics of supply chain management, inventory management, procurement and outsourcing strategies, global logistics management, distribution operations, coordinated product and supply chain design, information sharing in supply chains, Bullwhip effect, supply chain quality management and six sigma, supply chain risk management and sustainability issues. (FALL).

SSCM 336 LEAN, SIX SIGMA, AND QUALITY MANAGEMENT. *Three hours, 3 credits.* This course focuses on the business process improvement methods used within an organization or in supply chains. It discusses principles, practices and techniques for enhancing customer-defined value created through processes and integrated supply chains. Topics include: importance of quality management and continuous improvement in organizations and their supply chains; quality planning and strategy; customer-oriented quality management; statistical and analytical tools for quality control; statistical process control, Total Quality Management, Six Sigma, Lean in manufacturing and service, quality and safety, JIT systems, and supply chain quality management. **Prerequisite (with C or better grade)**: INSS 220 (SPRING)

SSCM 355 STRATEGIC PROCUREMENT AND LOGISTICS MANAGEMENT. *Three hours, 3 credits*. In this course, a variety of analytical tools and frameworks are presented in order to help students understand issues in strategic sourcing and logistics. Topics include: make or buy decisions, procurement strategy, procurement contracts, supply chain performance management, inventory management, vendor managed inventory, materials requirement planning, ABC inventory analysis, microanalysis of logistics and transportation services, transportation

analytical models, third party logistics, warehouse management, material handling, logistics network design, transportation costing and issues related to distribution channel management. (SPRING)

SSCM 480 SERVICES MANAGEMENT IN GOVERNMENT AND PUBLIC SECTOR AGENCIES. *Three hours, 3 credits.* This course focuses on issues related to services management in Government and Public sector agencies. Topics include: the role of management in the public sector, strategic planning in public service, overview of how public and nonprofit organizations work, program evaluation and execution, and tools and methods used for policy analysis and operations in public sector and non-profit organizations. **Prerequisite (with C or better grade)**: SSCM 280**.** (SPRING)

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MORGAN STATE UNIVERSITY
CURRICULUM IN SERVICES AND SUPPLY CHAIN MANAGEMENT
LEADING TO THE DEGREE OF BACHELOR OF SCIENCE
SUGGESTED SEQUENCE OF COURSES

FRESHMAN YEAR (FIRST SEMESTER)

ENG	101	FRESHMEN COMP I	3
HIST	XXX	HISTORY**	3
HEED	XXX	HEALTH[1]	3
MATH	113	INTRO TO MATH ANALYSIS	4
XXX	XXX	BIO & PHY SCI (BP) PART A[a]	4
ORBM	102	FRESHMAN ORIENTATION	1
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	102	FRESHMEN COMP II	3
SBX	XXX	SOC AND BEH SCI[2]	3
PHEC	XXX	PHYSICAL EDUCATION	1
INSS	141	DIGITAL LITERACY & APP	3
XXX	XXX	BIO & PHY SCI (BP) PART B[a]	3
			13

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	CALCULUS FOR NON SCI	3
ACCT	201	PRIN ACCT I	3
HUMA	201	HUMANITIES I	3
ECON	211	ECONOMICS I (MACRO)	3
BUAD	202	BUS LEADERSHIP SEM	3
INSS	360	MGMT INFO SYSTEMS	3
			18

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	INTRO TO LOGIC	3
ACCT	202	PRIN ACCT II	3
AHX	XXX	ART AND HUM[3]	3
ECON	212	ECONOMICS II (MICRO)	3
INSS	220	ANALYTICAL DECISIONS	3
SSCM	280	SERVICES OPS MGT	3
			18

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	BUS COMMUNICATION	3
MGMT	324	ORG. BEHAVIOR	3
MKTG	331	PRIN OF MKTG	3
MGMT	328	PROD & OPERATIONS MGT	3
SSCM	330	SUPPLY CHAIN MGT	3
			15

JUNIOR YEAR (SECOND SEMESTER)

MKTG	345	SERVICES MKTG MGT	3
FIN	343	MANAGERIAL FINANCE	3
SSCM	336	LEAN SIX SIGMA & QUALITY	3
SSCM	355	STRAT PROCURE & LOG	3
BUAD	326	BUSINESS, ETHICS & SOCIETY	3
			15

SENIOR YEAR (FIRST SEMESTER)

BUAD	381	LEGAL & ETHICAL ENV.	3
BUAD	327	FUND INTERN BUS	3
INSS	460	ENTERPRISE INFO SYSTEM II	3
INSS	XXX	ELECTIVE*	3
			12

SENIOR YEAR (SECOND SEMESTER)

BUAD	499	BUSINESS POLICY	3
SBM	XXX	ELECTIVE****	3
SSCM	480	SERVICE MGT IN GOVT	3
XXX	XXX	CON/GLOBAL ELECTIVE***	3
			12

TOTAL CREDIT HOURS 121

Total Semester Hours Required: 120. *For the SSCM major one elective must be chosen from the INSS courses
**Students should select either HIST 101-102 (World History) or HIST 105-106 (U.S. History) sequence to meet requirements
*** See General Education options under "Contemporary and Global Issues" section in university catalog for eligible courses.
**** Course must be from outside major but within the School of Business and Management.
[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A in the first semester and PART B in the second semester.
[1] Students should select eligible course from the catalog under section "Health and Healthful Living".
[2] Students should select eligible course from the catalog under section "Social and Behavioral Science" other than HIST XXX courses.
[3] Students should select eligible course from the catalog under section "Art and Humanities" other than HUMA XXX courses.

NOTE: Students are held individually responsible for the information outlined in the University Catalog. Failure to read and comply with University regulations and policies will not exempt students from whatever penalties they may incur.

2015 – 2017

MORGAN STATE UNIVERSITY

CURRICULUM IN SERVICES AND SUPPLY CHAIN MANAGEMENT

LEADING TO THE DEGREE OF BACHELOR OF SCIENCE

SUGGESTED SEQUENCE OF COURSES – **HONORS PROGRAM**

FRESHMAN YEAR (FIRST SEMESTER)

ENG	111	FRESHMEN COMP I	3
HIST	XXX	HISTORY**	3
HEED	XXX	HEALTH[1]	3
MATH	113	INTRO TO MATH ANALYSIS	4
XXX	XXX	BIO & PHY SCI (BP) PART A[a]	4
ORBM	112	HONORS ORIENTATION	1
BUAD	108	INTRO TO PD I / HON SEM	0
			18

FRESHMAN YEAR (SECOND SEMESTER)

ENGL	112	FRESHMEN COMP II	3
SBX	XXX	SOC AND BEH SCI[2]	3
PHEC	XXX	PHYSICAL EDUCATION	1
INSS	141	DIGITAL LITERACY & APP	3
XXX	XXX	BIO & PHY SCI (BP) PART B[a]	3
BUAD	109	INTRO TO PD II / HON SEM	0
			13

SOPHOMORE YEAR (FIRST SEMESTER)

MATH	201	CALCULUS FOR NON SCI	3
ACCT	201	PRIN ACCT I	3
HUMA	211	HUMANITIES I HON	3
ECON	211	ECONOMICS I (MACRO)	3
BUAD	212	HON BUS LEADERSHIP SEM	3
INSS	360	MGMT INFO SYSTEMS	3
BUAD	208	INTERM PD I / HON SEM	0
			18

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL	109	INTRO TO LOGIC	3
ACCT	202	PRIN ACCT II	3
AHX	XXX	ART AND HUM[3]	3
ECON	212	ECONOMICS II (MICRO)	3
INSS	220	ANALYTICAL DECISIONS	3
SSCM	280	SERVICES OPS MGT	3
BUAD	209	INTERM PD II / HON SEM	0
			18

JUNIOR YEAR (FIRST SEMESTER)

ENGL	357	BUS COMMUNICATION	3
MGMT	324	ORG. BEHAVIOR	3
MKTG	331	PRIN OF MKTG	3
MGMT	328	PROD & OPERATIONS MGT	3
SSCM	330	SUPPLY CHAIN MGT	3
BUAD	308	ADV PD I / HON SEM	0
			15

JUNIOR YEAR (SECOND SEMESTER)

MKTG	345	SERVICES MKTG MGT	3
FIN	343	MANAGERIAL FINANCE	3
SSCM	336	LEAN SIX SIGMA & QUALITY	3
SSCM	355	STRAT PROCURE & LOG HON	3
BUAD	326	BUSINESS, ETHICS & SOCIETY	3
BUAD	309	ADV PD II / HON SEM	0
			15

SENIOR YEAR (FIRST SEMESTER)

BUAD	381	LEGAL & ETHICAL ENV.	3
BUAD	327	FUND INTERN BUS	3
INSS	460	ENTERPRISE INFO SYSTEM II HON	3
INSS	XXX	ELECTIVE*	3
BUAD	408	HON SR. SEM	0
			12

SENIOR YEAR (SECOND SEMESTER)

BUAD	498	HON. BUSINESS POLICY	3
SBM	XXX	ELECTIVE****	3
SSCM	480	SERVICE MGT IN GOVT	3
XXX	XXX	CON/GLOBAL ELECTIVE***	3
BUAD	409	HON SR. SEM	0
			12

TOTAL CREDIT HOURS

121

Total Semester Hours Required: 120. * For the SSCM major one elective must be chosen from the INSS courses

**Students should select either HIST 101-102 (World History) or HIST 105-106 (U.S. History) sequence to meet requirements

*** See General Education options under "Contemporary and Global Issues" section in university catalog for eligible courses.

**** Course must be from outside major but within the School of Business and Management.

[a] Students should select eligible course from the catalog under section "Biological and Physical Sciences" PART A in the first semester and PART B in the second semester.

[1] Students should select eligible course from the catalog under section "Health and Healthful Living

[2] Students should select eligible course from the catalog under section "Social and Behavioral Science" other than HIST XXX courses.

[3] Students should select eligible course from the catalog under section "Art and Humanities" other than HUMA XXX courses.

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THE SCHOOL OF COMMUNITY HEALTH AND POLICY

NURSING PROGRAM

NUTRITIONAL SCIENCES PROGRAM

SCHOOL OF COMMUNITY HEALTH AND
SCHOOL OF COMMUNITY HEALTH AND
POLICY

KIM DOBSON SYDNOR, PhD, DEAN

The School of Community Health and Policy was established to provide education and training to students in the areas of nursing, nutrition, and public health- three fields identified as having the highest needs for trained professional minorities. Graduates of all three programs have the unique advantage of obtaining specialized education and training in health disparities and community practice, skills that are in growing demand.

There are three programs in The School of Community Health and Policy: Nursing, Nutritional Sciences, and Public Health. Students may obtain undergraduate degrees in nursing and nutritional sciences and graduate degrees in nursing and public health. The primary goal of the School and its three programs is to provide high quality education and training preparing students to address health disparities within urban populations.

MISSION
The Morgan State University School of Community Health and Policy's mission is to develop a corps of health professionals committed to transforming urban communities by promoting health and reducing health inequities.

VISION
The vision of the School of Community Health and Policy is to be an integral part of the community, working to achieve optimal health.

PHILOSOPHY AND GOALS
The goal of the School of Community Health and Policy is to produce highly qualified professionals capable of developing and implementing successful strategies in health promotion and disease prevention. With an urban focused mission, we provide students with opportunities to learn and practice in underserved communities and communities of color in Maryland and across the globe.

The School of Community Health and Policy also serves as a resource and an information hub for families, communities, and government agencies in health disparities.

MAJOR GOALS

1. To provide a highly effective undergraduate and graduate educational experiences that give students the best possible practice-based preparation for productive and meaningful careers in community-focused public health, nutrition and nursing.

2. To serve as a major source of new health-based knowledge, especially as it relates to the translation of science to best practices.

3. To engage the community in equitable partnerships for the development and implementation of collaborative strategies to eliminate health disparities.

NURSING

MAIJA ANDERSON, DNP, RN, DIRECTOR
Associate Professor KATHLEEN GALBRAITH; Assistant Professor.; Assistant Professor ADANNA EMEJI

The undergraduate nursing program offers the Bachelor of Science degree (BS). The curriculum is built on the five components of professional nursing education: liberal arts education, professional values, core competencies, core knowledge and role development as recommended in The Essentials of Baccalaureate Education for Professional Nursing Practice. It is also designed to prepare the graduate to practice as a generalist, independently or collaboratively, with other health professionals in the promotion, restoration, and maintenance of health. Through theory and clinical practice, students will expand nursing skills and knowledge, enabling them to provide quality healthcare and to qualify for the National Council Licensure Examination for Registered Nursing (NCLEX-RN). In addition, BSN program graduates have a sound academic foundation for graduate study.

Admissions to the Undergraduate Nursing Program

Upon admission to the University, new students may declare nursing as their prospective major. Admission to the University does not guarantee admission to the upper level nursing program. Students will be assigned an academic advisor to guide them through successful completion of the lower level course. In this phase, students undertake coursework that will prepare them for entry into upper level division. Students must satisfactorily complete their lower level general education, university and lower level requirements in order to be eligible to apply to the upper division program. The lower level courses provide the foundation nursing students need to synthesize knowledge from the humanities, arts, and sciences as a basis to provide effective nursing care within a multicultural society.

The Undergraduate Nursing Upper Division

The BS program is open to both juniors at Morgan and transfer students who meet Morgan State University's (MSU) admission requirements and the admission requirements of the nursing program. Qualifications for Admission to the upper division include: (1) completion of all pre-requisite courses (2) a minimum calculated cumulative 3.0 GPA based on all prior schools attended and (3) timely submission of a complete admissions packet. Up-to-date forms will be available from the program's website. Additional conditions may apply and will be posted on the website along with the other admissions information. Admission to the upper-level nursing courses is highly competitive. Therefore, all students who meet minimum eligibility requirements may not be admitted. Students should note that, while a criminal background check is not required for admission into the nursing program, it is a requirement for clinical practice. Issues in the criminal background check may prevent you from attending clinical (and thus may delay progression through the program) and may also inhibit your ability to become licensed as a nurse.

Transfer Students

Transfer students must first be admitted to MSU before they are eligible to apply to the nursing program. They must also have completed all general education and pre- professional requirements prior to acceptance into the nursing program. Their academic qualifications from all previous institutions will be evaluated for admission to the program outlined above. Other conditions may also apply. Nursing credits from other schools will be accepted only as electives.

Retention/Progression/Graduation

In addition to those specified by the University, the undergraduate nursing program has specific requirements regarding progression, retention and graduation from the upper level Nursing Program.. Students are required to complete all Nursing courses (i.e. those listed in the catalog as starting with 'NURS") with a grade of C or better. If a letter grade of "D" or "F" is received in any nursing course, the students is automatically placed on academic probation and must retake the course the next available time the course is offered. The student cannot progress to the next nursing course level until the failing grade is successfully passed. Prerequisite course requirements must be met prior to further progression in the program. Any changes to a students' program sequence must be approved by the Nursing Program Advisor, Course Coordinator, and Undergraduate Program Committee. Nursing students must maintain a minimum cumulative 2.5 GPA and have at least a cumulative 2.5 GPA to graduate from the program. Students whose semester GPA falls below 2.5 for two consecutive terms will be dismissed from the nursing program. Note: Others conditions may apply as outlined in the MSU-BS Nursing Program Student Handbook of Academic Policy and Procedures.

BS Nursing Program
Lower Level Coursework

ENGL 101	Freshman Composition 1 (EC)	3
BIOL 101	Introductory Biology I (BP)	4
BIOL 102	Introductory Biology II	4
***BIOL 201	Anatomy and Physiology	4
***BIOL 202	Anatomy and Physiology II	4
***BIOL 405	Microbiology	4
CHEM 101	General Chemistry I (BP)	3
**CHEM 101L	General Chemistry I Lab	1
ENGL 102	Freshman Composition II (EC)	3
HIST 350	African Diaspora (CI)	3
HUMA 301	Contemporary Humanities (AH)	3
*MATH 120	Introduction to Probability (MQ)	3
*NUSC 160	Introduction to Nutrition (HH)	3
ORCH 109	Freshman Orientation (U)	1
PHEC	Physical Education (U)	1
PHIL 109	Introduction to Logic (CT)	3
PHIL 220	Ethics and Values (AH)	3
PSYC 101	Introductory Psychology (SB)	3
PSYC 102	Developmental Psychology	3
SOCI 101	Introduction to Sociology (SB)	3
	Total Credits	**59**

Note: Letters in parentheses represent General Education Requirements (EC, BP, IM, CI, AH, MQ, CT, SB)
(U) Indicates University Requirements
*Satisfies General Education and Nursing Program prerequisite requirements
**Required for for the Nursing Program
*** Courses must have been completed within the last five years

BS Nursing Program
Upper Level Coursework

NURS 300	Introduction To Nursing	4
NURS 301	Health Assessment	4
NURS 310	Safe Medication Administration	1
NURS 350	Pharmacology	3
NURS 351	Pathophysiology	3
NURS 305	Nursing Care of Adults	6
NURS 405	Parent Child Nursing- Maternity	4
NURS 353	Gerontology	2
****NURS 360	Technology and Infomatics in Nursing	3
NURS 401	Nursing Care Of Adults w/Complex Problems	6
NURS 403	Parent Child Nursing -Pediatrics	4
NURS 409	Psychiatric – Mental Health Nursing	4

NURS 354	Research in Nursing	3
NURS 407	Community Health Nursing	5
NURS 453	Nursing Management and Leadership	3
NURS 454	Transition into Professional Nursing	6
	Senior Comprehensive Exam	0
	Total Credits	**610**

****Satisfies General Education and Nursing Program core requirement

NURSING COURSE OFFERINGS

NURS 300 INTRODUCTION TO PROFESSIONAL NURSING – *Three hours* l*ecture*; *; 3 credits, 1 credit practicum*
This course explores the history and development of nursing as an art, science, and profession. The current and evolving roles of the nurse in meeting societal needs through integrating theory, research and practice are presented. Legal and professional regulations are discussed. Core theoretical concepts of professional nursing practice presented include health, wellness, illness, self-care and caring, disease prevention and health promotion. Interpersonal relationships, therapeutic communications, critical thinking, decision-making, clinical reasoning and ethical principles in clinical practice will be introduced. The student is guided in the application of theory to clinical practice and in the. development of essential nursing skills including cognitive, psychomotor, and therapeutic communication. Students will have regular practice in the clinical laboratory setting.) Prerequisite: Admission to nursing program. This course reasoning and ethical principles in clinical practice will be introduced. This laboratory setting. Prerequisite: Admission to the upper level nursing program

NURS 301 NURSING PROCESS AND HEALTH ASSESSMENT—*Two hours lecture;2credits; 2 credits practicum.* This course introduces the student to the Nursing process, critical thinking, and decision-making essential for health assessment. The health assessment is based in theories and concepts of health and wellness as well as the variables that influence health status throughout the life cycle. Nursing Diagnostic Skills essential to health assessment and formulation of nursing diagnoses and health care plans are performed on consumers of various ages. A beginning application of the clinical reasoning process involving assessment, data analysis, nursing diagnosis, interventions and outcomes will be emphasized. Students will practice these skills in a simulated clinical setting and validate them in clinical practice. (FALL) Prerequisite: Admission to the upper level nursing program.

NURS 305 NURSING CARE OF ADULTS- *Three hours lectures; 3 credits, 3 credits practicum*. This course is an introduction to basic medical/surgical concepts that prepares students to care for adults with commonly occurring medical or surgical disorders or diseases. The theory component focuses on evidence-based practice role of the nurse in promoting, maintaining, and restoring health for adults with metabolic, respiratory, and cardiovascular problems. Nursing management is presented using the nursing process: This includes assessment data to collect, nursing diagnoses with suggested interventions and their rationales, and evaluation data to determine the effectiveness of nursing care. During the clinical practice component of this course, the student will successfully demonstrate application of the nursing process to adults with various health problems in an acute care setting. The student will have the opportunity to develop assessment skills, communication skills, cultural awareness, nursing process, critical thinking skills, teaching skills, and psychomotor skills. Students will develop beginning collaborative skills with individuals, families, peers, and health care providers in the delivery of nursing care. Prerequisite: NURS 300,301,310,350, and 351.This course has increased from 3 credits to 6 to accommodate the laboratory component from the former NURS306 Clinical in Nursing Care of Adults. (SPRING)

NURS 310 SAFE MEDICATION ADMINISTRATION – *One hour lecture;1 credit.*
This comprehensive medication course ensures that students are able to accurately calculate and administer all forms of medications, including oral and parental, to patients across the lifespan. Students are provided the fundamental knowledge, concepts, and methods for safe and accurate medication administration. Students will be required to use critical thinking, case studies, and simulations. Content builds from simple to complex and prepares the student to be successful in each subsequent course, and on the NCLEX. Prerequisite: Admission to nursing program. (FALL)

NURS 350 PHARMACOLOGY- *Three hours lecture;, 3 credits.*
This course introduces the nursing student to the basic knowledge and principles of pharmacology as applied to current nursing practice. An analysis of major classifications of drugs with a focus on physiological impact, side effects, toxicity, indication, and nursing implications is provided. Emphasis is placed on the utilization and application of the nursing process in the administration of medications. Prerequisite: Admission to nursing program. (FALL)

NURS 351 PATHOPHYSIOLOGY AND THERAPEUTIC REGIMEN – *Three hours lecture; 3 credits.*
This course provides an overview of pathophysiological concepts across the lifespan. The basic principles, processes, and concepts associated with common pathologies as well as the pathophysiological alterations related to body systems are explored. The definition, diagnosis, etiology, epidemiology, clinical manifestations, cultural and socioeconomic factors, and contemporary research of major diseases causing system alterations will be presented as well as clinical implications, evidence –based therapeutic regimes and nursing interventions. Prerequisite: Admission to nursing program. (FALL)

NURS 352 HEALTH CARE ETHICS AND THE LAW – *Three hours lecture; 3 credits.*
(ELECTIVE) This course is designed to introduce the student to major ethical theory, principles, and models for the recognition, analysis and resolution of ethical dilemmas in health care practice. Case studies are incorporated to illustrate principles of ethical reasoning in health care settings. Prerequisite: NURS 300 (OFFERED AS NEEDED)

NURS 353 GERONTOLOGY – *Two hours lecture;2credits.*
This course examines the nurse's role in promoting, maintaining and restoring the health of aging adults. The psychological, sociological, and physiological factors that influence the health of the aging, with particular emphasis given to biological changes that have implications for disease and health disorders are presented. Community, state, and federal health programs and services for the aged are discussed. Prerequisite: NURS 300. (SPRING)

NURS 354 RESEARCH IN NURSING – *Three hours lecture; 3 credits.*
This course introduces the concept of evidence- based nursing practice or translating research-based evidence into practice. Use of the research process to define clinical research problems and determination of the applicability to clinical decision-making are presented. Appropriate methods of analysis used in research are presented and data analysis techniques are applied to published research articles. Prerequisite: NURS300. (FALL)

NURS 360 INFORMATICS AND TECHNOLOGY IN NURSING – *Three hours lecture; 3credits.*
This course covers basic computer skills and introduces students to nursing informatics. Basic principlas of nursing informatics includes effective information flow, safety and security concepts of data, information and knowledge of issues related to the use of in professional nursing. It also requires students to critically appraise the use of technology in nursing. i. Students will use technology to communicate, to locate information and to evaluate effectiveness of care delivery in the practice of nursing. Prerequisite: NURS 300. *(*SPRING)

NURS 400 GUIDED SPECIAL TOPICS IN NURSING (ELECTIVE) – *One hour lecture;1 credit.*
The purpose of this course is to demonstrate autonomy in learning under the guidance of a nursing faculty member. The student selects an area of interest, and works with faculty to determine learning goals, outcomes and agreed upon evaluation methods. Prerequisite: NURS300. (OFFERED AS NEEDED)

NURS 401NURSING CARE OF ADULTS W/ COMPLEX HEALTH PROBLEMS – *Three hours lecture; 3 credits, 3 credits practicum.*
This medical-surgical course provides the knowledge and scientific basis for the delivery of Nursing care to clients across the adult lifespan who are experiencing a variety of complex, acute, and chronic health problems in various settings, The pathophysiology and nursing care management of clients experiencing multi-system alterations in health status are presented. Nursing interventions to promote and maximize health potential are emphasized. The clinical component will provide the student with experience caring for adults with complex health problems. Prerequisite: NURS305. **(**FALL)

NURS 403 PARENT-CHILD NURSING (PEDIATRICS) *Two hours lecture; 2 credits, 2 credits practicum.*
This course focuses on promoting, maintaining, and restoring the health of parents, infants, children and adolescents in childbearing and childrearing families. Nursing care of well children and children with acute and chronic illness will be examined within the context of the family and community. The clinical component focuses on the application of evidence-based knowledge and critical thinking skills in providing care for families during the childbearing years. Students will learn how to provide nursing care to infants and children in a variety of settings. Prerequisite: NURS 300,301,310,350, and 351) Pre or Co-requisite NURS 305 (FALL)

NURS 405 PARENT-CHILD NURSING (MATERNITY) - *Two hours lecture; 2 credits, 2 credit practicum.*
This course focuses on nursing care prior to and during pregnancy, labor and delivery. Care of mothers-to-be as well as newborns will be examined within the context of the family and community. The clinical component focuses on the application of evidence-based knowledge and critical thinking skills in providing nursing care for expectant mothers and their newborn babies. Students will obtain experience caring for expectant mothers during normal pregnancy, high-risk pregnancy, and during the healthy newborn period. A variety of settings will be used. Prerequisite: NURS300, 301,310, 350 and 351. Pre or Co-requisiteNURS 305.(SPRING*)*

NURS 407 COMMUNITY HEALTH NURSING & HEALTH PROMOTION - *Three hours lecture; 3 credits, 2 credit practicum.*
This course emphasizes the application of the nursing process for individuals, families and groups in the

community. Concepts include prevention approaches, ecology, epidemiology, multicultural society, infectious diseases, collaboration, and interagency coordination. Students are introduced to methods to identify current or potential needs of individuals, aggregates and/or communities, and to the complex nursing systems for promotion, maintenance or restoration of health. Ethical, social, political, and legal influences on the American healthcare system are included. The Community Health Clinical component provides opportunities for students to practice community health assessment and to employ health promotion strategies to groups composed of individuals, family and community members. Prerequisite: NURS 401, 403,405 (SPRING)

NURS 409 PSYCHIATRIC/ MENTAL HEALTH NURSING- *Two hourslecture; 2 credits, 2 credit practicum.*

This course focuses on the general principles and practices of psychiatric/mental health nursing. Psychiatric disorders, populations at risk, continuity of care, and problems in daily living are addressed. Unique needs of vulnerable and diverse populations are considered. Clinical experiences provide the student with the opportunity to develop therapeutic communication skills, cultural awareness, critical thinking skills, teaching skills, and collaborative skills in acute in-patient, chemical dependency, outpatient, and adolescent units. Prerequisite: NURS 305 (FALL)

NURS 453 NURSING MANAGEMENT & LEADERSHIP– *Three hours lecture; 3 credits.*

This course provides knowledge and skills necessary to function as a nursing leader and/or manager within a dynamic practice environment. Concepts of leadership, group dynamics, power, problem-solving, change, conflict, and ethical decision-making are addressed. Managerial functions such as staffing, performance appraisal, delegation, communication, team-building, planning, and budget preparation are introduced. Issues such as regulatory constraints, professional liability and quality ofcare are also explored. Prerequisite: NURS 305 (SPRING)

NURS 454 TRANSITION INTO PROFESSIONAL NURSING - *Three hours lecture; 3 credits, 3 credits practicum.*

This course helps the student integrate all aspects of the nursing curriculum in preparation for transitioning from student to professional nurse. The clinical component will provide students with an opportunity to further demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills including establishing priorities and applying leadership principles. Students will collaborate with faculty in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner. Prerequisite: NURS 407and all of its associated prerequisites (SPRING)

MORGAN STATE UNIVERSITY
BACHELOR OF SCIENCE
NURSING PROGRAM
RECOMMENDED CURRICULUM SEQUENCE

LOWER LEVEL (General Education and Nursing Prerequsite Requirements)

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC-	Freshman Composition 1	3
BIOL 101-BP-	Introductory Biology I	4
ORCH 109	Freshman Orientation	1
MATH 120-MQ-	Introduction to Probability	3
SOCI 101-SB-	Introduction to Sociology	3
		14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC-	Freshman Composition II	3
BIOL 102	Introductory Biology II	4
PHEC	Physical Education	1
PSYC 101-SB-	Introductory Psychology	3
CHEM 101-BP-	General Chemistry I	3
**CHEM101L	General Chemistry I Lab	1
		15

SOPHOMORE YEAR (FIRST SEMESTER)

PSYC102	Developmental Psychology	3
BIOL 201	Anatomy and Physiology	4
HIST 350-CI-	African Diaspora	3
*NUSC 160 –HH-	Introduction to Nutrition	3
PHIL 109 –CT-	Introduction to Logic	3
		16

SOPHOMORE YEAR (SECONDSEMESTER)

HUMA301-AH-	Contemporary Humanities	3
BIOL 202	Anatomy and Physiology II	4
BIOL 405	Microbiology	4
PHIL 220-AH-	Ethics and Values	3
		14

UPPER LEVEL NURSING COURSES

JUNIOR YEAR (FIRST SEMESTER NURSING)

NURS 300	Introduction To Nursing	4
NURS 301	Health Assessment	4
NURS 310	Safe Medication Administration	1
NURS 350	Pharmacology	3
NURS 351	Pathophysiology	3
		15

JUNIOR YEAR (SECOND SEMESTER NURSING)

NURS 305	Nursing Care of Adults	6
NURS 405	Parent Child Nursing Maternity	4
NURS 353	Gerontology	2
***NURS 360-IM-	Technology & Infomatics In Nursing	3
		15

SENIOR YEAR (FIRST SEMESTER NURSING)

NURS 401	Nursing Care of Adults w/Complex Problems	6
NURS 403	Pediatrics	4
NURS 409	Psychiatric – Mental Health Nursing	4
NURS 354	Research In Nursing	3
		17

SENIOR YEAR (SECOND SEMESTER NURSING)

NURS 407	Community Health Nursing	5
NURS 453	Nursing Management and Leadership	3
NURS 454	Transition into Professional Nursing	6
	Senior Comprehensive Exam	0
		14

TOTAL CREDITS **120**

*Satisfies General Education and Nursing Program requirement
** Required by Nursing Program
***Satisfies General Education and Nursing Program core requirement

NUTRITIONAL SCIENCES

Nutritional Sciences Program Director: Associate Professor IVIS T. FORRESTER; Associate Professor BAHRAM FARAJI; Lecturer: CYNTHIA TUCKER

The Nutritional Sciences Program, formerly the Food and Nutrition Program is located in the School of Community Health and Policy. The Program was transferred from the School of Education and Urban Studies when the status of "School" was conferred to the Public Health Program in 2005. The Nutritional Sciences Program is designed for students interested in the field of Dietetics and Food Service Systems. The Program embraces a commitment to enhancing students' personal and pre-professional development by providing high quality education and experiential learning opportunities. Students gain the knowledge, skills and competencies to meet the challenges and demands for products and services: to conduct evidence-based research and to implement programs to improve the quality of life for individuals, families, communities and nations of the world.

The program is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics. Completion of the program meets the minimum academic requirements for the Academy of Nutrition and Dietetics accredited dietetic internship. A minimum of 120 credits will satisfy the requirements for a major in Nutritional Sciences.

The curriculum includes courses in organic and inorganic chemistry, biochemistry, general biology and microbiology, anatomy and physiology, basic and advanced courses in nutrition and foods, institutional management. The mission of the Dietetics Program at Morgan State University is to prepare highly qualified students from culturally diverse backgrounds with knowledge and skills for success in supervised practice programs, Graduate School or leadership in dietetic practice. The mission embraces the diversity of its student clientele, prepares highly qualified graduates to serve and address priority issues of the local and broader community.

Goals/Objectives:
1. Enroll, retain, and, graduate a culturally diverse pool of students to meet the critical shortages and underrepresentation in the dietetics profession.

2. To prepare students with the Foundation Knowledge Requirements and Student Learning Outcomes defined by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) for success in Internship Programs/Supervised Practice and entry into graduate programs.

3. To prepare students for entry-level positions as food and nutrition professionals in the field of Dietetics.

REQUIRED COURSES FOR A MAJOR IN NUTRITIONAL SCIENCES
The Nutrition curriculum consists of General Education and University Courses (44 credits), Supporting Courses (39 credits) and Major Courses (37 credits). The courses are listed below in their respective categories.

General Education and University Courses

ENGL 101	Freshman Composition I (EC)	3
ENGL 102	Freshman Composition II (EC)	3
BIOL 105	Introductory Biology I (BP)	4
CHEM 105	General Chemistry I (BP)	3
**CHEM105L	General Chemistry I Lab	1
MATH 113	Introductory to Math Analytics (MQ))	4
HUMA 201	Humanities I (AH)	3
*NUSC 160	Introduction to Nutrition (HH)	3
PHIL 109	Introduction to Logic (CT)	3
PHIL 220	Ethics and Values (AH)	3
HIST 101 or HIST 105	World History or U.S. History I (SB)	3
HIST 102 or HIST 106	World History or U.S. History II	3
HIST 350	African Diaspora (CI)	3
COSC 110	Introduction to Computing (IM)	3
ORCH 109	Freshman Orientation (U)	1
PHEC XXX	Physical Education (U)	1
	English Proficiency Exam	0
	Speech Proficiency Exam	0
	Total Credits	**44**

Note: Letters in parentheses represent General Education Requirements (EC, BP, IM, CI, AH, MQ, CT, SB)
(U) Indicates University Requirements
*Satisfies General Education and Nutrition Program requirement
** Required by Nutritional Sciences Program

Supporting Courses

BIOL 106	Introductory Biology II	4
BIOL 201	Anatomy and Physiology I	4
BIOL 202	Anatomy and Physiology II	4
BIOL 405	Microbiology	4
CHEM 106	General Chemistry II	3
**CHEM 106L	General Chemisrty II Lab	1
CHEM 201	Organic Chemistry	4
CHEM 202	Biochemistry	4
*ECON 211	Principles of Economics I (SB)	3
MGMT 324	Principles of Management & Organizational Behavior	3
MKTG 331	Principles of Marketing	3
ELECTIVE	XXXXX	2
	Total Credits	**39**

*Satisfies General Education and Nutrition Program requirement
** Required by Nutritional Sciences Program

Major Courses

NUSC 161	Scientific Principles of Food Selection and Preparation	3
NUSC 361	Applied Nutrition	3
NUSC 362	Advanced Food Science	4
NUSC 367	Nutrition Through the Life Cycle	3
NUCS 462	Community Nutrition	3
NUSC 463	Quality Foods System	4
NUSC 464	Medical Nutrition Therapy I	3
NUSC 465	Senior Seminar	2
NUSC 466	Food Nutrition Field Experience	4
NUSC 467	Medical Nutrition Therapy II	2
NUSC 468	Statistics	3
NUSC 480	Research Methods	3
	Total Credits	**37**

In order to qualify for graduation, students must have passed the Senior Program Exit Examination, earned a cumulative average of 2.0 GPA or better, and a major average of 2.0 GPA or better with no grades below "C" in the food and nutrition and support courses. These courses include all the general education and university courses, support and major courses listed above.

REQUIRED COURSES FOR A MINOR IN NUTRITIONAL SCIENCES

Students who pursue a minor in Nutritional Sciences must complete the following courses. This includes completing pre-requisites where required.

NUSC 161	Scientific Principles of Food Selection and Preparation	3
NUSC 361	Applied Nutrition	3
NUSC 367	Nutrition Through the Life Cycle	3
NUSC 462	Community Nutrition	3
NUSC 464	Medical Nutrition Therapy I	3
NUSC 467	Medical Nutritiona Therapy II	2
	TOTAL	**17**

NUTRITIONAL SCIENCES COURSE DESCRIPTIONS

NUSC 160 INTRODUCTION TO NUTRITION - *Three hours lecture; 3 credits.* This course stresses the importance of a working knowledge of general nutrition principles and wise nutritional practices. Emphasis is placed on food nutrient sources, digestive processes, human metabolism and energy requirements particularly in the framework of the eating patterns of the American people. (FALL & SPRING).

NUSC 161 - SCIENTIFIC PRINCIPLES OF FOOD SELECTION AND PREPARATION - *Two hours lecture, two hours laboratory; 3 credits.* This course is a study of the cultural and economic aspects of food selection: the scientific principles underlying methods of food selection, preparation and preservation, and their effects on consumer acceptability and nutritive value of common foods. (FALL).

NUSC 361 APPLIED NUTRITION - *Three hours lecture; 3 credits.* The nutritional needs of the individual and an in-depth study of the metabolism of foods in the human body. Current advances in nutrition research are discussed. **Prerequisites:** NUSC 160 and CHEM 105 and 106. Corequisite: CHEM 201. (SPRING).

NUSC 362 ADVANCED FOOD SCIENCE – *Two. hours lecture, two hours laboratory; 4 credits.* This course applies the scientific method to the solution of specific problems in food experimentation and food safety. Technical writing and quantitative data analysis are addressed. **Prerequisites:** NUSC 160, 161 and CHEM 201. (SPRING).

NUSC 367 NUTRITION THROUGHOUT THE LIFE CYCLE - *Three hours lecture; 3 credits.* Addresses the physiological, socio-economic, and environmental factors influencing nutritional status and requirements over the life cycle. The impact of policies and program delivery on nutritional status and health is also addressed. **Prerequisite:** NUSC 160.). (FALL and SPRING).

NUSC 462 COMMUNITY NUTRITION – *Three hours lecture; 3 credits.* This course examines the cultural, ethnic and socio-economic factors, which underline food selection, methods of preparation, and potential nutrient value. Opportunities are provided to evaluate community programs addressing nutrition and health. **Prerequisite:** NUSC 160. (FALL).

NUSC 463 QUANTITY FOOD SERVICE SYSTEMS– *Two hours lecture, four hours laboratory; 4 credits.* A study of quality food cookery and management problems as they pertain to commercial, industrial, and other institutional food services. Merchandising menus, variety in menu planning, and food preferences of customers to be included. Independent projects are required of students through experiential learning opportunities in selected food service establishments. **Prerequisites:** NUSC 160 and 161. (SPRING).

NUSC 464 MEDICAL NUTRITION THERAPY I - *Three hours lecture; 3 credits.* A study of the modifications of normal diets in the applications of diet therapy. Involves nutrient and calorie calculations in the development of dietary plans for specific diet-related conditions. Medical terminologies related to nutrition and diseases will be covered. **Prerequisites:** NUSC 160, 361 and CHEM 202. Corequisite: CHEM 201. (FALL).

NUSC 465 SENIOR SEMINAR IN FOODS AND NUTRITION - *Two hours lecture; 2 credits.* Current trends, and selected topics in food and nutrition. Presentation of case studies from clinical experience. **Prerequisites:** NUSC 160, 361 and 464, or consent of instructor. (SPRING).

NUSC 466 FOOD AND NUTRITION FIELD EXPERIENCE - *Two hours lecture, six hours of field experience per week; 4 credit hours.* Pre-professional training in dietetics and food service systems: experience in hospitals, nursing homes or other related clinical facilities under supervision of a resident dietitian. Involves nutrition assessment, case study, nutrition counseling and food service management exercises. Instructor's approval is required.

Prerequisites: NUSC 160, 361, and 464, or consent of instructor. (SPRING).

NUSC 467 MEDICAL NUTRITION THERAPY II – *Two hours lecture; 2 credits.* Continuation of NUSC 464. A study of the modifications of normal diets in the applications of diet therapy. Involves nutrient and calorie calculations in the development of dietary plans for specific diet-related conditions. Medical terminologies related to nutrition and diseases will be covered. **Prerequisites:** NUSC 160, 361, and 464. (SPRING).

NUSC 468 STATISTICS - *Two hours lecture, two hours laboratory: 3 credits*. This course covers the descriptive statistical measures, including tabular and graphic representations to the concepts of normal curve and probability. The course includes measures of central tendency, measures of variability up to variance and sum of squares, the normal curve, Z tests and probability theory. Basic applications of analysis of variance (ANOVA) and t-tests are covered. **Prerequisites:** NUSC 361, 362. (SPRING).

NUSC 480 RESEARCH METHODS – *Three hours lecture; 3 credits.* This course is designed to help dietetic and other health pre-professionals understand and apply scientific methodology in research, and to obtain skills in interpretation of data, and promote decision-making that lead to growth in future careers, graduate school, or professional positions. **Prerequisites:** NUSC 361, 362. (FALL).

MORGAN STATE UNIVERSITY

SCHOOL OF COMMMUNITY HEALTH AND POLICY BACHELOR OF SCIENCE IN NUTRITIONAL SCIENCES CURRICULUM SEQUENCE

FRESHMEN YEAR (FIRST SEMESTER)

ENGL 101-EC-	Freshman Composition I	3
BIOL 105-BP-	Introductory Biology I	4
ORCH 109	Freshman Orientation	1
MATH 113-MQ-	Introduction to Math Analytics	4
CHEM 105-BP-	General Chemistry I	3
**CHEM 105L	General Chemistry I Lab	1
		16

FRESHMEN YEAR (SECOND SEMESTER)

ENGL 102-EC-	Freshman Composition II	3
BIOL 106	Introductory Biology II	4
CHEM 106	General Chemistry II	3
**CHEM 106L	General Chemistry II Lab	1
*NUSC 160 – HH	Introduction to Nutrition	3
		14

SOPHOMORE YEAR (FIRST SEMESTER)

HUMA 201-AH-	Humanities I	3
BIOL 201	Anatomy and Physiology I	4
CHEM 201	Organic Chemistry	4
PHIL 109-CT-	Introduction to	3
NUSC 161	Scientific Principles of Food	3
		17

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL 220-AH-	Ethics and Values	3
BIOL 202	Anatomy and Physiology II	4
CHEM 202	Biochemistry	4
HIST 101 or HIST 105-SB-	World History I or U.S. History I	3
		14

JUNIOR YEAR (FIRST SEMESTER)

HIST 350-CI-	Introduction to the African Diasporas	3
BIOL 405	Microbiology	4
MGMT 324	Prin of Mgmt & Organizational Behavioral	3
*ECON 211-SB-	Principles of Economics I	3
PHEC XXX	Physical Education	1
		14

JUNIOR YEAR (SECOND SEMESTER)

NUSC 361	Applied Nutrition	3
NUSC 362	Advanced Food Science	4
COSC 110-IM-	Intro to Computing	3
NUSC 367	Nutrition throughout the Life Cycle	3
HIST 102 or HIST 106	World History II or U.S. History I	3
		16

SENIOR YEAR (FIRST SEMESTER)

NUSC 462	Community Nutrition	3
NUSC 464	Medical Nutrition Therapy I	3
NUSC 480	Research Methods	3
MKTG 331	Principles of Marketing	3
ELECTIVE XX	Two Credit Elective	2
		14

SENIOR YEAR (SECOND SEMESTER)

NUSC 463	Quantity Foods System	4
NUSC 465	Senior Seminar	2
NUSC 466	Food and Nutrition Field Experience	4
NUSC 467	Medical Nutrition Therapy II	2
NUSC 468	Statistics	3
		15

Total Credits 120

*Satisfies General Education and Nutrition Program requirement

** Required by Nutritional Sciences Program

THE SCHOOL OF COMPUTER, MATHEMATICAL, AND NATURAL SCIENCES

School of Computer, Mathematical and Natural Sciences

Dr. Alvin Kennedy, Interim Dean

Dr. Gaston N'Guerekata, Associate Dean for Undergraduate Studies

Dr. Kadir Aslan, Assistant Dean for Research and Graduate Studies

The School of Computer, Mathematical and Natural Sci- ences (SCMNS) consists of the following departments: Biology/Medical Technology, Chemistry, Computer Science, Mathematics/Actuarial Science and Physics/Engineering Physics. In addition, the School houses several science research training and academic enhancement programs, an Honors program, a Student Development program, a Transfer/ Pre-Professional program, as well as community-outreach programs. These departments and support programs all work in concert under the leadership of the Dean of the School to prepare academically sound and well-versed science and mathematics graduates to succeed, thrive and serve in tomorrow's changing scientific and technological world. The School also offers General Education Requirement courses in the sciences and mathematics to all Morgan students, regardless of their major field of study.

PHILOSOPHY AND OBJECTIVES

Excellence in teaching, productivity in research, and abundant student support and outreach services are benchmarks that embrace this School's philosophy. Together, they serve as the School's guiding force in educating Morgan science and mathematics majors to become the next generation of not only scientists and mathematicians but also community and world leaders. The primary goal of the School of Computer, Mathematical and Natural Sciences is therefore to recruit and maintain a cadre of learned, capable and dedicated faculty who are: (1) creative and innovative in their thinking and teaching; (2) passionate and meticulous in transmitting current and relevant subject matter in their classes; (3) productive in creating new scientific knowledge in their research laboratories; and (4) caring and knowledgeable in their roles as faculty advisors to students. Toward this end and in keeping with the three pronged mission of teaching, research and service of the University, the major objectives of the School are:

- to maintain cohesive and productive programs that focus on advancing frontiers in science, mathematics and technology;

- to recruit and retain highly qualified and productive faculty who demonstrate scholarly activities and compassion in teaching students, and who also provide demonstrated service to the university and the broader community;

- to recruit students with demonstrated potential for leadership, service and research roles in science and mathematics;

- to provide sound and up-to-date curricula that em- phasize competency in the sciences and mathematics that can be interrelated with the various other academic disciplines;

- to provide an integrated core of instruction in science and mathematics that ensures proficiency and understanding of the basic concepts of these disciplines;

- to provide state-of-the-art teaching and research fa- cilities that promote academic excellence and encourage faculty and student involvement in basic research; and

- to instill in students the desire to become scientifically and technologically literate to meet the challenges of a changing global society.

Degree Programs And Pre-Professional Agreements

The School of Computer, Mathematical and Natural Sciences offers nine (8) undergraduate degree programs leading to the Bachelor of Science (B. S.) degree. They include degrees in Actuarial Science, Biology, Chemistry Computer Science, Engineering Physics, Mathematics, Medical Technology, and Physics.

In addition, the Pre-professional Program facilitates an early selection program in medicine with the Boston University School of Medicine through the Early Medical School Selection Program (EMSSP). Morgan's
EMSSP with Boston University School of Medicine is an accelerated program that entails three years of resident study at Morgan State University. Students then transition to Boston in their senior year. In this transition year students must complete a prescribed course of study at Boston and perform satisfactorily on the MCAT in order to be fully admitted into Boston's School of Medicine. Upon successful completion of all requirements at both institutions, students will receive their bachelors degree at the end of the senior year (transition year) then be promoted to their first year of medical school.

MSU also enjoys a partnership with George Washington University School of Medicine and Health Sciences. This agreement allows the opportunity for Early Selection into the GWU Medical program. Students are expected to complete all

four years at MSU before full acceptance into the medical Selection at GWU. Students must also have attained a minimum cumulative GPA of 3.6 and maintain a B or better in all science coursework at MSU. Upon acceptance into the GWU Early Selection Program students are expected to use their summers for professional and pre-health development. The **MCAT is not required for students who matriculate from the MSU Early Selection partnership to GWU School of Medicine and Health Sciences**. Students must meet all other admission requirements.

Upon completion of the MD program, students will be awarded the MD degree by the respective medical school.

See the school's website for more details under the Pre-Professional Program.

Admission to Degree Programs

Students who meet the admission requirements of the University are eligible for admission to degree programs in the School of Computer, Mathematical and Natural Sciences. Unless specifically prohibited by University regulations, students should declare their majors as early as possible and should contact the appropriate department for further directions.

Retention in Degree Programs

In order to remain in good academic standing as majors in degree programs in the School of Computer, Mathematical and Natural Sciences, students must meet the University's standards for satisfactory academic progress outlined under the Academic Policies. According to University standards, students who attain less than a 2.0 cumulative grade point average are placed on academic probation. Students on academic probation are required to: (1) repeat all courses for which they earned less than a "C" grade, and concurrently (2) pursue no more than 13 credits until they raise their cumulative grade point average to 2.0 or better. Students who are academically dismissed by the University for unsatisfactory progress are also dismissed as degree candidates in their majors. Readmission to the University constitutes readmission as a degree candidate in the major.

Grade Change Policy

The School of Computer, Mathematical and Natural Sciences adheres strictly to the university policy concerning grade change. It does not make any exceptions to this policy.

"I" Grade Policy

"Incomplete" ("I") is given in exceptional cases to stu- dents who have satisfactorily completed at least seventy- five percent (75%) of the course requirements, and, due to documented illness or other documented emergencies beyond their control, have been unable to complete the requirements for the course. Students must completethe remaining twenty-five percent (25%) or less of the course work by the end of the next semester program. To apply for Early
of their en- rollment at the University. Otherwise, the "I" grade is changed to "F." Although a petition for "I" grade may be initiated by the student or the faculty member, the record- ing of the "I" grade must be approved by the Chairperson and the Dean. Forms are available in the Office of the Dean.

Academic Advising

Academic advising is an important part of the students' undergraduate education. In the School of Computer, Mathematical and Natural Sciences, academic advising is high on the list of priorities and is a requirement for retention in the major. The Department Chairpersons assign students faculty advisors from the point of their matriculation as majors in one of the degree programs in the School. Students are required to hold conferences with their faculty advisor a prescribed number of times per semester, depending on their classification and/or their academic standing.

Office of Student Development

The Office of Student Development focuses on improving student success, student retention and graduation rates. This Office provides materials and workshops covering academic skills-building via tutorials, time management and test taking strategies, and career opportunities for all SCMNS students.

Requirements for Graduation

Students earning degrees in the School of Computer, Mathematical and Natural Sciences must meet the following graduation requirements:

(1) **GENERAL EDUCATION REQUIREMENTS**:
In order to qualify for graduation, students must complete the courses outlined as "General Education Requirements" and "Requirements for Graduation" in the University catalog.

(2) **COMPLEMENTARY STUDIES**:
All students earning degrees in programs in the School of Computer, Mathematical and Natural Sciences must complete a six-credit Complementary Studies Program of two (2) three-credit courses or any (credit) combination thereof totaling six credits, designed to broaden their college exposure and education. Courses used to meet the Complementary Studies requirement may not be used simultaneously to satisfy other requirements. In order to qualify for graduation, students must choose any two courses that are different from those already selected to satisfy their General Education Requirements and that are not included within their Major and University Requirements.

(3) **MAJOR REQUIREMENTS**: In order to qualify for graduation, students must complete the requirements specified in the programs in which they are majoring.

(4) **REQUIRED AVERAGE**:
In order to qualify for graduation, students must have earned a cumulative average of 2.0 or better, must have a major average of 2.0 or better, and must have no outstanding grades below "C" in the major (which includes all required courses taken in the major and required supporting courses).

(5) **JUNIOR AND SENIOR LEVEL COURSES**:
In order to qualify for graduation, students must have taken two thirds of their junior and senior level (300 and 400 level) requirements in the major at Morgan State University, unless granted prior written permission by the Dean to take courses elsewhere.

(6) **SENIOR COMPREHENSIVE EXAMINATION**:
In order to qualify for graduation, students must pass the Departmental Senior Comprehensive Examination with a score of 70 or higher.

OTHER SCHOOL-WIDE POLICIES

(1) **INDEPENDENT STUDY:**
The School of Computer, Mathematical and Natural Sciences approves independent study for students only when the course has not been offered regularly enough for the student to complete degree requirements within the statute of limi- tations. In addition, the School does not approve independent study for students who have taken the course previously and failed it.

(2) **TAKING COURSES AT OTHER INSTITUTIONS**: Once students have matriculated at Morgan State University, they may not take courses at other institutions for the purpose of transferring them to Morgan, without prior writ- ten permission from the Dean of the School of Computer, Mathematical and Natural Sciences. Once prior written permission has been given, students may transfer credits, but not grades, for those courses to Morgan. As a general rule, the School of Computer, Mathematical and Natural Sciences does not grant permission for students to take a course at another institution if stu- dents have taken and failed the same course at Morgan or if students have a cumulative grade point average of less than 2.0. In addition, it does not permit students to take courses at another institution if the same courses are being offered at Morgan during that semester or session. This policy applies to CO-OP programs, as well.

(3) **EXCESS CREDITS**: The School of Computer, Mathematical and Natural Sciences adheres strictly to the university policy concerning granting permission to take excess credits during any semester. It does not make exceptions for the purpose of enabling seniors to graduate. The Dean grants permission to pur- sue excess credits only to students with a cumulative average of 3.0 or higher.

(4) **STATUTE OF LIMITATIONS ON TRANSFER EVALUATIONS**: Transfer students admitted to a program in the School of Computer, Mathematical and Natural Sciences must appeal the evaluation of their transfer credits within one (1) year of the date onwhich the transfer evaluation is issued to them. After that date, the evaluation becomes permanent, and it may not be challenged later for the purpose of meeting requirements for graduation.

(5) **REPEATING COURSES TRANSFERRED TO THE UNIVERSITY**: Students who repeat Morgan courses for which they have been given transfer credit will automatically lose those corresponding transfer credits. Once the course has been taken ay Morgan, it will not be expunged from the record.

(6) **FAMILIARITY WITH ACADEMIC POLICIES**:
In the School of Computer, Mathematical and Natural Sciences, students are held responsible for being knowledgeable of published policies and procedures at the University. Under no circumstances will ignorance of published policies and procedures be accepted as a reason for making exceptions to them.

SCMNS FRESHMAN ORIENTATION (ORNS) PROGRAM

ORNS 106 FRESHMAN ORIENTATION FOR MAJORS IN THE SCHOOL OF COMPUTER, MATHEMATICAL AND NATURAL SCIENCES
— *Two hours; 1 credit*. This course introduces students to the expectations and demands of higher education, to the legacy and tradition of Morgan State University, to college survival strategies, and to the broad array of career opportunities in the science, mathematical and technological fields. Students enrolled in this class are required to attend all university convocations and other prescribed extracurricular activities. They are also required to hold conferences with their faculty or staff advisors in order to pass the course. Students transferring 24 or more credits to the university when admitted are exempted from this requirement. (FORMERLY ORIE 106)

SCMNS HONORS PROGRAM

COURSE OFFERING

The following courses are offered by the School of Computer, Mathematical and Natural Sciences:

HONR 106 – SCMNS FRESHMAN HONORS COLLOQUIUM
Two hours lecture; 2 credits. —The purpose of this course is to teach Science Honors Program students important personal, social, and academic skills needed to succeed in education and future careers. Emphasis is placed on 1) developing self-discipline, 2) tools to stay motivated until graduation, and 3) planning and preparing for a future career in the sciences. Open to Honors students in the School of Computer, Mathematical and Natural Sciences only. This course may be substituted for ORNS 106. (FALL).

HONR 206– SCMNS SOPHOMORE HONORS COLLOQUIUM
—*Two hours lecture; 2 credits.* This course is intended to enrich the thinking of SCMNS Honors Program students by strengthening critical thinking skills through writing exercises and analysis of literature in their particular field of study. Students will also learn to think critically of their future and career aspirations through the construction of an lectronic portfolio (e-portfolio), which will allow them to connect the dots of their education and reflect upon their undergraduate career and future career endeavors. Open to honor students in the School of Computer, Mathematical and Natural Sciences only. (SPRING).

HONR 306– SCMNS HONORS THESIS SEMINAR—*Two hours lecture; 2 credits.* This course is a workshop on technical writing geared toward getting SCMNS Honors Program students started on their Honors thesis. It includes discussions of library resources, prudent use of the internet, and data analysis. (FALL/SPRING).

COURSE OFFERINGS
The following courses are offered by the interdisciplinary faculty of the School of Computer, Mathematical and Natural Sciences:

HONR 106 – FRESHMAN HONORS COLLOQUIUM
Two hours; 2 credits. —The purpose of this course is to enhance the freshman year experience of Science Honors Program students by encouraging them to think broadly about the personal and social values of a scientific education and about what it means to be an educated person. This course may be substituted for ORNS 106. (FALL/SPRING).

HONR 206–SOPHOMORE HONORS COLLOQUIUM
—*Two hours; 2 credits.* This course is designed to enrich the thinking of SCMNS Honors Program students by introducing them to research projects and other scholarly endeavors currently being conducted by SCMNS faculty members. (FALL/SPRING).

HONR 306–HONORS THESIS SEMINAR—*Two hours; 2 credits.* This course is a workshop on technical writing geared toward getting SCMNS Honors Program students started on their Honors thesis. It includes discussions of library resources, prudent use of the internet, and data analysis. (FALL/SPRING).

BIOLOGY DEPARTMENT

Chairperson of Department: Associate Professor CLEO HUGHES-DARDEN; Associate Chairperson of Department: Associate Professor LISA D. BROWN. Professors: GLORIA E. HOFFMAN, CHRISTINE F. HOHMANN, KENNETH P.

SAMUEL, JOSEPH WHITTAKER - Associate Director, GESTAR Program; Associate Professors: YUN-CHI CHEN, FRANK DENARO, CHUNLEI FAN, MICHAEL KOBAN, GABRIELLE McLEMORE, SAROJ PRAMANIK, MATHUMATHI RAJAVEL, GERALD RAMEAU, ERNEST C. STEELE, JR., JAMES WACHIRA, JONATHAN WILSON - Director of the Baltimore Urban Systemic Initiative, Assistant Professors: ROBERT JAVONILLO, SIMON NYAGA, VIJI SITTHER; Lecturers: ADEDAYO ARIYIBI, DWAYNE HILL, SANJEEDA JAFAR, HARUNA SESAY, ERIKA WHITNEY

MISSION OF THE DEPARTMENT

Our mission is to provide a rich educational and training environment for the engagement of students in interactive learning and exploration of the fundamental principles of biological systems. A faculty diverse in educational and research expertise is available for students to partner with and contribute to the expansion and deepening of our collective understanding of these principles and systems. A primary goal of the department is to continuously produce a diverse population of exceptionally qualified and trained students who are capable of securing admission into the nation's most prestigious post-baccalaureate STEM educational and training programs and ultimately identify their unique place as leaders with the full spectrum of the nations' STEM workforce.

The Department offers the following degrees:
Bachelor of Science (B.S.) in Biology
General Biology Concentration
Biomedical/Pre-Professional Track
Bachelor of Science (B.S.) in Medical Technology
Master of Science (M.S.) in Biology
Ph.D. in Bio-Environmental Science

OBJECTIVES OF THE DEPARTMENT

The objectives of the Biology Department are:

- To train students in the fundamental concepts and principles of biology;
- To develop critical thinking skills and strong quantitative and analytical laboratory skills necessary for discovering, understanding, testing, and demonstrating biological concepts and principles;
- To develop effective communication skills necessary to transmit scientific ideas and concepts in the biological sciences clearly and logically to a broad audience; and
- To give all students the opportunity to develop an intellectual and creative appreciation of living things as entities of nature's beauty and as products of evolutionary change and adaptation to the environment.

- **THE MAJOR IN BIOLOGY School Requirements**

In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical and Natural Sciences. Options for satisfying this requirement are outlined under the section on the School of Computer, Mathematical and Natural Sciences. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination as well as the Speech and Writing Proficiency examinations; must have taken all of their junior-and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Required Courses for the Major in Biology

In order to satisfy requirements for the major in Biology, students must complete the courses listed below. Students are expected to complete the core courses in Biology (105-106, 2XX, 303, 310 and BIOL 3XX or 4XX) by the end of the Junior year. In the Senior year, they are to select a minimum of eight (8) credits from courses numbered BIOL 400 AND HIGHER TO COMPLETE THE MAJOR REQUIREMENTS. BIOL 450-451 may not be used to satisfy the 400 level biology requirement. Students should note that MATH 241 and 242 are prerequisites for PHYS 205:

Course	*Description*	*Credits*
BIOL 106	Introductory Biology II (majors only) or	
(or BIOL 112)	Honors Introductory Biology II	4
BIOL 204	Developmental Biology	4
BIOL 2XX	200-level Biology course	4
BIOL 303	Genetics	4
BIOL 310	Cell and Molecular Biology	4
BIOL 3XX	300- or 400-level Biology course	4
or 4XX		
BIOL 4XX	400-level Biology course	4
BIOL 4XX	Biology course	4
or CHEM XXX	Chemistry course	
XXX	Quantitative Analysis course	4
BIOL 450/451	Critical Analysis/Senior Res Thesis	3
or BIOL 453	Scientific Communication	
CHEM 106	Principles of General Chemistry II or	4
(or CHEM 112)	General Chemistry and	
Qualitative Analysis II(Honors)**		4
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
PHYS 203	General Physics I or Univ. Phys I	4
or 205		
PHYS 204	General Physics II or Univ. Phys II	4
Free elective		4
or 206		
TOTAL CREDIT HOURS		**65**

REQUIRED GENERAL EDUCATION COURSES

BIOL 105	Introductory Biology for Majors I or	4

(or BIOL 111)**	Honors Introductory Biology I	
CHEM 105 (or CHEM 111)	Principles of General Chemistry I or General Chemistry and Qualitative Analysis I (Honors)**	4
MATH 113 or higher	Math Analysis I or higher**	4
TOTAL CREDIT HOURS		**12**

** The two courses chosen in each area must be sequential.
*** Exclusive of BIOL 450-451.

For CHEM elective, students may choose CHEM 202 or CHEM 304. For the quantitative analysis course, students may choose one of the following courses: ACCT 201, ECON 212, PSYC 316, PSYC 317, MATH 120. MATH 241, MATH 242, or MATH 331.

For the free elective, students may choose a course that is not being used to concomitantly fulfill another Biology curriculum requirement, a University general education requirement, or the complementary studies requirement. It is in the best interest to choose a course that is directly pertinent to and adds breadth to the students' particular interest and continued education or career goals.

The total number of Biology credits taken to satisfy the major must total 77. In addition, students are expected to complete all Biology courses except the Biology Electives by the end of their Junior year.

Honors Curriculum in Biology
In order for Honors Biology majors to satisfy their biology requirements in the Honors Program, they must complete the courses listed below: Biology 111 - 112 (versus BIOL 105 - 106).

ADDITIONAL REQUIREMENTS FOR MARC STUDENTS: Students in the MARC Program must take BIOL 452, BIOL 454, BIOL 455, MATH 241 and MATH 242.

The Minor in Biology

Students minoring in Biology must complete the following course requirements:

BIOL 105-106	Introductory Biology	8

Choose three of the five courses; at least one course at the 300 level:

BIOL 204	Developmental Biology	4
BIOL 205	Ecology and Adaptation	4
BIOL 209	Animal Physiology	4
BIOL 303	Genetics	4
BIOL 310	Cell & Molecular Biology	4
TOTAL CREDITS		**20**

UNDERGRADUATE RESEARCH PROGRAMS

Minority Biomedical Research Support (MBRS) Research Initiative for Scientific Enhancement (RISE) Program

The MBRS RISE Program is a biomedical research support program funded by a grant from the National Institute of General Medical Science (NIGMS) that is geared to increasing the number of minority scientists engaged in biomedical research. It enables faculty and students at Morgan State University to participate in biomedical research. MBRS faculty in the Department of Biology include: Drs. Lisa D. Brown, Yun-Chi Chen, Gloria Hoffman, Christine Hohmann, Cleo Hughes-Darden, Michael Koban, Simon Nyaga, Saroj Pramanik, Kenneth Samuel, Viji Sitther, Ernest Steele, and James Wachira

BIOLOGY COURSE OFFERINGS

BIOL 101 INTRODUCTORY BIOLOGY I—*Three hours lecture plus laboratory; 4 credits.* This course involves the study of the fundamental principles and concepts of biology with emphasis on molecular, cellular biology, and heredity and is designed for **non-majors** only. **Co-requisite**: MATH 106 or higher. (FALL/SPRING)

BIOL 102 INTRODUCTORY BIOLOGY II— *Three hours lecture plus laboratory; 4 credits.* This course covers the biology of plants, animal development, animal form and function, and basic principles of evolution, and is designed for **non-majors** only. **Co-requisite**: MATH 106 or higher. (FALL/SPRING)

BIOL 105 INTRODUCTORY BIOLOGY FOR MAJORS I—*Three hours lecture plus laboratory; 4 credits.* This course involves the study of the fundamental principles and concepts of biology with emphasis on molecular and cellular biology and is designed for **biology majors** only. **Co-requisite**: MATH 106 or higher. (FALL/SPRING)

BIOL 106 INTRODUCTORY BIOLOGY FOR MAJORS II— *Three hours lecture plus laboratory; 4 credits.* This course is a continuation of BIOL 105. Topics covered include the biology of plants, animal development, animal form and function, and basic principles of heredity and evolution biology. It is designed for **biology majors** only. **Prerequisite:** BIOL 105 with a grade of "C" or better; **Co-requisite**: MATH 106 or higher. (FALL/SPRING)

BIOL 111 HONORS INTRODUCTORY BIOLOGY I —*Three hours lecture plus laboratory; 4 credits.* This course involves the study of the fundamental principles and concepts of biology with emphasis on molecular and cellular biology, and is designed for students in the **Honors Program** only. This course will include supplemental lectures by visiting scientists, journal article readings and student presentations. **Co-requisite**: MATH 113 or higher. (FALL)

BIOL 112 HONORS INTRODUCTORY BIOLOGY II— *Three hours lecture plus laboratory; 4 credits.* This course is a continuation of BIOL 111. Topics covered include biology of plants, animal development, animal forms and function, and basic principles of heredity and evolution biology. It is designed for students in the **Honors Program** only. This course will in- clude supplemental lectures by visiting scientists, journal article readings and student presentations. **Prerequisite:** BIOL 111 with a grade of "C" or better; **Co-requisite**: MATH 114 or higher. (SPRING)

BIOL 201 ANATOMY AND PHYSIOLOGY I—*Three hours lecture plus laboratory; 4 credits.*) **(Major credit not given)**. This is a course in human anatomy and physiology. Consideration is given to the cells, tissues, and organs of the body and their relation to the skeletal, muscular, nervous and endocrine systems and their integration. **Prerequisites:** BIOL 101 or 105 or 111 with a grade of "C" or better and BIOL 102 or 106 or 112 with a grade of "C" or better(FALL/SPRING)

BIOL 202 ANATOMY AND PHYSIOLOGY II — *Three hours lecture laboratory; 4 credits.* **(Major credit not given).** This course is a continuation of BIOL 201 with emphasis on the circulatory, respiratory, digestive, urinary, and reproductive systems and their integration. **Prerequisites:** BIOL 101 or 105 or 111 with a grade of "C" or better, and BIOL 102 or 106 or 112 with a grade of "C" or better; and BIOL 201 with a grade of "C" or better. (FALL/SPRING)

BIOL 204 DEVELOPMENTAL BIOLOGY—*Three hours lecture plus laboratory; 4 credits.* This course serves to introduce the student to the principles, processes and problems of embryonic development in plants and animals. It also includes discussions and analyses of selected topics in developmental biology. **Prerequisites:** BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better. **Co-requisite:** MATH 113 or higher. (FALL/ SPRING)

BIOL 205 ECOLOGY AND ADAPTATIONS —*Three hours lecture plus laboratory; 4 credits.* This course is an analysis of the environmental factors affecting the evolution, adaptation, distribution and functional processes of plant and animal communities. Considerable emphasis will be placed on the Eco-system Concept. **Prerequisites:** BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better. (FALL/SPRING)

BIOL 209 PRINCIPLES OF ANIMAL PHYSIOLOGY – *Three hours of lecture plus laboratory; 4 credits.* This introductory course will emphasize the basic principles of vertebrate function at several levels of structural organization: cellular, organ system, and whole organism. Focus will be on the physiological concepts dealing with general mechanisms, while also considering the diversity of physiological adaptation among animals. Online laboratory exercises will integrate lecture material, experimental techniques and physiological variables. **Prerequisite:** BIOL 106, with a grade of "C" or better. (FALL)

BIOL 303 GENETICS — *Three hours lecture plus laboratory; 4 credits*. This course will cover fundamental principles of each of the three branches of genetics: classical/transmission, molecular and population, and will supplement the theoretical concepts given in lectures with practical laboratory experiences and genetics problem sets. Prerequisites: BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better. (FALL/SPRING)

BIOL 310 CELL AND MOLECULAR BIOLOGY — *Three hours lecture plus laboratory; 4 credits*. This is a one-semester course in cellular and molecular biology emphasizing membrane structure and function, structure of genetic material, control of gene expression and protein synthesis, cell division and differentiation. **Prerequisite:** BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better; CHEM 105 or 111 with a grade of "C" or better and CHEM 106 or 112 with a grade of "C" or better. **Co-requisite:** CHEM 203.

(FALL/SPRING)

BIOL 404 HISTOLOGY AND MICROTECHNIQUE — *Three hours lecture plus laboratory; 4 credits.* This course is a microscopic study of cells, tissues, and organs for preparing slides and the use of electron micrographs utilizing animal and/or plant tissues. **Prerequisite:** BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better. (SPRING)

BIOL 405 MICROBIOLOGY —*Three hours lecture plus laboratory; 4 credits*. This course offers a study of the fundamental concepts and techniques of microbiology, bacterial anatomy and physiology, principles of microbial growth, nutrition, and metabolism. **Prerequisite:** BIOL 101 or 105 or 111 with a grade of "C" or better and BIOL 102 or 106 or 112 with a grade of "C" or better and CHEM 101 or or higher with a grade of "C" or better. (FALL/SPRING)

BIOL 406 IMMUNOLOGY AND SEROLOGY —*Three hours lecture plus laboratory*; *4 credits*. This course covers the principle theories and application of immunology, including the immune response, principles of antigen-antibody reactions, and the principles of serological procedures. The fundamentals of immunity and the immune response, including antibody structure and interactions, the complement system, hypersensitivity reactions and disorders of the immune responses are included. The application of immunological and serological techniques to the diagnosis of diseases is emphasized. **Prerequisite:** BIOL 405 with a grade of "C" or better. (FALL/ SPRING)

BIOL 408 MOLECULAR MARKERS IN BIOTECHNOLOGY — *Three hours lecture plus laboratory; 4 credits*. Students will acquire knowledge of various types of molecular markers and DNA fingerprinting methods in determination of genetic variation. Focus will be on integrating knowledge of these techniques in a hands-on setting in the laboratory. **Prerequisite:** BIOL 310 with a grade of "B" or better. (FALL/SPRING)

BIOL 411 PLANT PHYSIOLOGY —*Three hours lecture plus laboratory; 4 credits*. This course is a study of the molecular basis for the physiology of development and growth in plants. Emphasis will be on the comparative structure and function of plant organs, regulatory mechanisms and reproductive processes. **Prerequisite:** BIOL 310 with a grade of "C" or better. (FALL)

BIOL 423 PARASITOLOGY — *Three hours lecture plus laboratory; 4 credits*. This course is concerned with the identification, morphology, life cycle and relationships of parasitic protozoa, helminths and arthropods affecting man and other vertebrates. **Prerequisites:** BIOL 105 or 111 with a grade of "C" or better and BIOL 106 or 112 with a grade of "C" or better. (SPRING)

BIOL 425 ADVANCED MOLECULAR AND CELLULAR PHYSIOLOGY — *Three hours lecture plus laboratory; 4 credits*. This course employs a quantitative biophysical approach of neurons and muscles as excitable cells and tissues, and of graded and action potentials, neutrotransmission, and muscle excitation-contraction coupling. Hormonal action in cell signaling pathways and modulation of biological function is also studied. **Prerequisites:** BIOL 209 and BIOL 310 with a grade of "C" or better, MATH 114 or 141 with a grade of "C" or better, or consent of course instructor or Department of Biology Chairperson. (SPRING)

BIOL 450 CRITICAL ANALYSIS OF SCIENTIFIC LITERATURE — *Three hours lecture; 3 credits*. This is an interdisciplinary course designed to enable students with an interest in biologically relevant research to critique and present research data in their respective fields of study. The capstone experience for the class is a paper and related oral presentation, based on a review of the original research literature in the student's selected area of interest. **Prerequisite:** Consent of the course Director or Departmental Chairperson. (FALL)

BIOL 451 SENIOR SEMINAR — *Three hours lecture; 3 credits*. This course integrates skills students have acquired in hands-on research experiences with knowledge of relevant research literature to culminate in a research paper. Students will learn how to write an original research paper, based on their own data, and will present and defend their work in oral presentation format in front of an audience of faculty and fellow students. **Prerequisite:** BIOL 450 and consent of the course Director or Departmental Chairperson. (SPRING)

BIOL 453 SCIENTIFIC COMMUNICATION — *Three hours lecture; 3 credits*. This course will emphasize the mechanics of scientific writing and oral research presentations, literature search strategies, as well as the preparation of job and professional school applications. In addition, ethical and legal issues related to scientific communication will be addressed. **Prerequisite:** BIOL 105, 106, and 204 with a grade of "C" or better; and BIOL 201, 202, 205, or 209 with a grade of "C" or better. (FALL/SPRING)

BIOL 454 CONCEPTS IN COMPUTATIONAL BIOLOGY — *Three hours lecture; 3 credits.* This is a one-semester undergraduate level course that combines targeted lectures covering selected topics in basic computing techniques, computational statistical analysis, bioinformatics, genomics, and proteomics, accompanied with hands-on computational exercises in the computer laboratory. Thus, students will learn to use basic computational biology tools to perform a number of biological tasks, including nucleic acid and protein sequence analysis; structure-function relationships; molecular modeling tasks; database searches and information retrieval on the Internet; macromolecular and ligand interactions; computational statistical analysis; and mathematical modeling tasks. This is an interdisciplinary course that includes participation from the departments of Biology, Chemistry, Computer Science, and Mathematics. **Prerequisites:** BIOL 310, CHEM 203, MATH 241 or Higher, PHYS 205. All prerequisites must be passed with a grade of "C" or better. (SPRING)

BIOL 455 BIOLOGY HONORS SEMINAR —*One hour lecture; 1 credit*. This course is designed to expose students to cutting edge biomedical research by securing high quality scientists to present their current research findings during a weekly seminar. Students will also have an opportunity to meet and interact with speakers on an informal basis to discuss their career aspirations. This course can only be taken by students in the **Honors Program**, and biology majors. (FALL/SPRING)

BIOL 498 SENIOR INTERNSHIP —*Twelve hours; 4 credits*. This course provides the opportunity for the student to obtain supervised work experience in the major at an on- or off-campus site selected and approved by the Departmental Chairperson. (FALL/SPRING)

BIOL 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP — *Twelve hours; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a faculty member. Registration is limited to seniors with a minimum 3.0 cumulative and major grade point averages. Approval by the Departmental Chairperson and/or Dean is required for enrollment. Exceptions may be approved by the Dean. (FALL/SPRING)

INSTITUTIONAL SKILLS-BUILDING COURSES

BIOL 332 GRE MATH SKILLS--*Two hours lecture; 2 credits.* This course is designed to impart a strong foundation in mathematical skills that are geared towards successful completion of the MATH section of the GRE General Exam. (OFFERED AS NEEDED)

BIOL 333 GRE VERBAL AND ANALYTICAL WRITING SKILLS--*Two hours lecture; 2 credits.* This course is designed to provide a solid foundation in reading and writing skills that are geared towards successful completion of the verbal and analytical writing sections on the GRE General Exam. (OFFERED AS NEEDED)

MORGAN STATE UNIVERSITY
DEPARTMENT OF BIOLOGY
BACHELOR OF SCIENCE DEGREE IN BIOLOGY
GENERAL
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

BIOL 105–BP	Intro to Biology I	4
or BIOL 111	(Honors)	
CHEM 105–BP	General Chemistry	4
or CHEM 111	(Honors)	
ENGL 101–EC	English	3
MATH 113–MQ	Math Analysis I	4
ORNS 106	Freshman Orientation	1
		16

FRESHMAN YEAR (SECOND SEMESTER)

BIOL 106	Intro to Biology II	4
or BIOL 112	(Honors)	
CHEM 106	General Chemistry	4
or CHEM 112	(Honors)	
MATH 114–MQ	Math Analysis II	4
ENGL 102–EC	English	3
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BIOL 204	Developmental Biology	4
CHEM 203	Organic Chemistry I	5
or CHEM 205	(Honors)	
XXXX– SB	Social and Behavioral Sci Core	3
XXXX-AH	Arts & Humanities Core	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

BIOL 2XX	200 Level Biology Course	4
CHEM 204	Organic Chemistry II	5
or CHEM 206	(Honors)	
XXXX-AH	Arts & Humanities Core	3
COSC 110-IM	Introduction to Computer Science	3
		15

JUNIOR YEAR (FIRST SEMESTER)

BIOL 303	Genetics and Population Biology	4
PHYS 203	Fundamentals of Physics	4
XXXX - CI	Contemporary & Global Issues	3
PHIL 109-CT	Introduction to Logic	3
XXXX– SB	Social and Behavioral Sci Core	3
		17

JUNIOR YEAR (SECOND SEMESTER)

BIOL 310	Cell and Molecular Biology	4
PHYS 204	Fundamentals of Physics	4
BIOL 4XX	Biology Course (400 level)	4
PHEC XXX	Physical Education	1
		13

SENIOR YEAR (FIRST SEMESTER)

XXXX	General BIOL 4XX / *CHEM Elec.	4
XXXX	Complementary Studies	3
XXXX	**Quantitative Analysis Course	4
XXXX-HH	Health & Healthful Living	3
		14

SENIOR YEAR (SECOND SEMESTER)

BIOL 4XX	Biology Course (400 level)	4
XXXX	Complementary Studies	3
BIOL 4XX	Scientific Writing Course	3
XXXX	Free Electives	5
		15

TOTAL CREDIT HOURS **120**

*For CHEM elective, students may choose CHEM 202 or CHEM 304

** For the quantitative analysis course, students may choose one of the following courses: ACCT 201, ECON 212, PSYC 316, PSYC 317, MATH 120. MATH 241, MATH 242, or MATH 331

MORGAN STATE UNIVERSITY
DEPARTMENT OF BIOLOGY
BACHELOR OF SCIENCE DEGREE IN BIOLOGY
BIOMEDICAL/ PRE-PROFESSIONAL
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

BIOL 105-BP	Intro to Biology I	4
or BIOL 111	(Honors)	
CHEM 105-BP	General Chemistry	4
or CHEM 111	(Honors)	
ENGL 101-EC	English	3
XXX- SB	Social & Behavioral Science Core	3
ORNS 106	Freshman Orientation	1
		15

FRESHMAN YEAR (SECOND SEMESTER)

BIOL 106	Introduction to Biology II	3
or BIOL 112	(Honors)	
CHEM 106	General Chemistry II	3
Or CHEM 112	(Honors)	
MATH 241-MQ	Calculus I	4
ENGL 102-EC	English	3
		15

SOPHOMORE YEAR (FIRST SEMESTER)

BIOL 204	Developmental Biology	4
CHEM 203	Organic Chemistry I	5
or CHEM 205		
XXXX-SB	Social & Behavioral Science Core	3
XXXX-AH	Arts & Humanities Core	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

BIOL 209	Animal Physiology	4
CHEM 204	Organic Chemistry	5
or CHEM 206		
XXXX-AH	Arts & Humanities Core	3
COSC 110-IM	Introduction to Computer Science	3
		15

JUNIOR YEAR (FIRST SEMESTER)

BIOL 303	Genetics and Population Biology	4
PHYS 203	Fundamentals of Physics	4
XXXX - CI	Contemporary & Global Issues	3
PHIL 109-CT	Introduction to Logic	3
PHEC XXX	Physical Education Elective	1
		15

JUNIOR YEAR (SECOND SEMESTER)

BIOL 310	Cell and Molecular Biology	4
PHYS 204	Fundamentals of Physics	4
XXXX	Complementary Studies	3
PYSC 108	Scientific Method in PSY	3
		14

SENIOR YEAR (FIRST SEMESTER)

BIOL 205	Ecology & Adaptation	4
CHEM 304	Biochemistry	4
BIOL 4XX	400 Level Biology Course	4
XXXX	*Statistics Elective	3
XXXX-HH	Health & Healthful Living	3
		18

SENIOR YEAR (SECOND SEMESTER)

BIOL 4XX	400 Level Biology Course	4
XXXX	Complementary Studies	3
XXXX	Free Elective	3
BIOL 4XX	Scientific Writing Course	3
		13

TOTAL CREDIT HOURS
120

***Students can choose from the following to satisfy the Statistics elective: Math 120, PSYC 316**

Students are strongly advised to see their major advisor and the Director of Pre-Professional Programs for advising.

THE MEDICAL TECHNOLOGY PROGRAM
(Under the auspices of the Department of Biology)

Director of Medical Technology Program: Associate Professor DIANE WILSON; Assistant Professor: MATHUMATHI RAJAVEL

THE MAJOR IN MEDICAL TECHNOLOGY

School Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical, and Natural Sciences. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination, as well as the Speech and Writing Proficiency Examinations; must have taken all of their junior- and senior-level medical technology requirements in the major at Morgan (unless granted prior written permission by Dean to take courses elsewhere); and must have earned a cumulative average of 3.0 or better and a major average of 3.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Medical Technology/Medical Laboratory Sciences is a rapidly evolving health care profession. Medical Technologists/Medical Laboratory Scientists perform chemical, hematological, immunological, microscopic and microbiological testing on body fluids using various instruments to obtain results. These data are essential for medical decisions, prevention and treatment of diseases.
The Medical Technology/ Medical Laboratory Sciences curriculum is a four- year, undergraduate professional program approved and accredited
by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)*
* National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
5600 N. River Road, Suite 700, Rosemnont, IL 60018
Phone: 733-714-8880
www.naacls.org
Upon successful completion of this four-year program, the student is awarded the B.S. Degree in Medical Technology by Morgan State University.

Required Courses in the Major in Medical Technology
In order to satisfy requirements for the major in Medical Technology, students must complete the courses listed below, which include applied clinical laboratory experiences under the direction of qualified medical laboratory technologists:

Course	*Description*	*Credits*
	Major Courses	
BIOL 209	Principles of Animal Physiology	4
BIOL 405	Microbiology	4
CHEM 106	Principles of General Chemistry II	4
CHEM 201	Org. Chem. for Allied Health Major	4
CHEM 202	Biochemistry for Allied Health Major	4
MATH 114	Introduction to Mathematical Analysis II	4
MDTC 100	Introduction to Medical Laboratory Science	1
MDTC 300	Principles of Medical Technology	3
MDTC 305	Clinical Chemistry I	3
MDTC 320	Clinical Hematology I	3
MDTC 321	Clinical Microscopy	2
MDTC 330	Clinical Immunoserology	4
MDTC 331	Clinical Immunohematology I	3
MDTC 335	Pathogenic Bacteriology	4
MDTC 410	Clinical Chemistry II	4
MDTC 420	Clinical Hematology II	3
MDTC 431	Clinical Immunohematology II	2
MDTC 440	Clinical Microbiology	5
MDTC 450	Medical Technology Seminar	1
MDTC 470	Intro to Molecular Diagnostics	2
MDTC 480	Clinical Laboratory Science Review	1

APPLIED CLINICAL LABORATORY PRACTICUM

MDTC 411	Clinical Chemistry Practicum	3
MDTC 422	ClinicalHematology Practicum	3
MDTC 432	Immunohematology Praticum	3
MDTC 441	Clinical Microbiology Practicum	3

TOTAL CREDITS		**77**

REQUIRED GENERAL EDUCATION COURSES

BIOL 105	Introductory Biology I	4
CHEM 105 or CHEM 111	Principles of General Chemistry I or General Chemistry (Honors)	4
MATH 113	Introduction to Mathematical Analysis	4
TOTAL CREDITS		**12**

MEDICAL TECHNOLOGY COURSE OFFERINGS
(Open only to Medical Technology majors and to be taken in the sequence indicated)

MDTC 100 INTRODUCTION TO MEDICAL LABORATORY SCIENCE
— *1 credit*. This is an introductory course to the clinical laboratory profession. Topics include clinical laboratory organization, personnel and regulatory agencies and issues. Professional interactions with practicing Medical Laboratory Professionals are required. Basic clinical laboratory procedures will be performed. (SPRING).

MDTC 300 PRINCIPLES OF MEDICAL TECHNOLOGY — 3 *credits.* This is an integrated lecture and laboratory course to introduce concepts and techniques in the clinical laboratories. Topics include laboratory safety and mathematics, glassware, pipets, principles of instrumentation and quality assurance. Students will develop basic laboratory techniques and skills in the laboratory sessions. **Prerequisite:** CHEM 201 (FALL).

MDTC 305 CLINICAL CHEMISTRY I — *3 credits*. This is an introductory lecture/laboratory course to introduce the basic principles of clinical chemistry. Topics include carbohydrates, proteins and lipid metabolism, pathophysiology and testing of body fluids to evaluate the metabolic processes. Manual and automated methods of measurement of the clinically significant analytes will be performed in the laboratory sessions. **Prerequisite:** MDTC 300 (SPRING).

MDTC 320 CLINICAL HEMATOLOGY I — *3 credits.* An introductory course to the basic principles of hematology and the study of anemias. Topics include hematopoiesis, erythropoiesis, anemias, and hemoglobinopathies. Students will learn to evaluate normal and abnormal cellular morphology through a systematic evaluation of the peripheral smear and all of its components. Additionally, students will learn to integrate these findings into the clinical picture. Reference intervals (Normal values), the laboratory evaluation of hematological diseases and treatment plans will be presented in detail. Manual and automated procedures for components of the blood will be performed in the laboratory session. Laboratory exercises, case studies, and integrated discussions will complement the course. **Prerequisite:** MDTC 300 (SPRING)

MDTC 321 CLINICAL MICROSCOPY — *2 credits*. This lecture and laboratory course introduces the students to the concepts and principles in the analysis of urine and other body fluids. Routine biochemical and microscopic examination of body fluids and correlation of results will be done in the laboratory. Case studies are used to correlate the lecture and lab results. (FALL).

MDTC 330 CLINICAL IMMUNOSEROLOGY — 4 *credits*. The purpose of this lecture/laboratory course is to introduce the clinical immunology concepts and the essential principles of serologic techniques that are commonly employed in the clinical laboratory. The course is organized into four critical parts: 1) the organization and applications of the soluble mediators of the immune system; complement, 2) hypersensitivity and the Major Histocompatibility Complex; 3) diseases associated with the deficiency of the Immune system; and, 4) serologic testing methodologies for the bacterial, viral, fungal and parasitic diseases and basic immunologic procedures. This course also contains a laboratory component that introduces the practical applications of the serologic testing for diseases such as syphilis, streptococcal infections, and infectious mononucleosis. **Prerequisites**: MDTC 300, BIOL 405. Open to non-majors with permission of the Program Director. (SPRING)

MDTC 331 IMMUNOHEMATOLOGY I — *3 credits.* This course is designed to introduce the student to basic concepts in transfusion medicine. Basic blood group serology will be stressed as well as immunologic techniques which apply to blood banking. Additionally, donor screening and component preparation and handling will be stressed. **Prerequisite:** MDTC 300 (SPRING).

MDTC 335 PATHOGENIC BACTERIOLOGY — *4 credits.* This is an integrated lecture/laboratory course of Part I of Clinical Microbiology. The lecture emphasis is on the understanding of the pathogenic bacteria and its role in the pathogenesis of human disease. The focus of the laboratory course will primarily be on the sample handling, culturing and identifying some of the clinically relevant pathogenic bacteria. Information on the types of diseases, epidemiology and transmissions, and the prophylactic and therapeutic methods of dealing with these organisms will be presented. **Prerequisite:** BIOL 405 (SPRING). Open to non-majors with permission of the Program Director.

MDTC 410 CLINICAL CHEMISTRY II — *4 credits.* This course is a continuation of Clinical Chemistry I. Students will be presented the role, clinical significance and method of measurement for clinically significant electrolytes, enzymes, hormones and non-protein nitrogenous substances. Concepts on blood gases, therapeutic drugs and drugs of abuse will be presented. Operational and methodology principles, maintenance and trouble shooting of the instrumentation used in the measurement of the analytes will be performed in the laboratory sessions. **Prerequisites:** MDTC 300 and MDTC 305 (SUMMER).

MDTC 411 CLINICAL PRACTICE: CHEMISTRY
— *3 credits.* This course consists of applied experience in the clinical chemistry section of the hospital or clinical

laboratory. Students will perform all routine procedures under the direction of a qualified laboratory medical technologist/clinical laboratory scientist. Correlation of laboratory results with pathological conditions will be done by the students. **Prerequisites:** MDTC 300, MDTC 305 and MDTC 410 (SPRING)

MDTC 420 CLINICAL HEMATOLOGY II — *3 credits.* This course introduces the student to advanced concepts of hematology and hemostasis (coagulation). Reference intervals (Normal values) and basic hemato- logic testing will be stressed and principles of myelo- proliferative disorders, the leukemias and the lympho-proliferative disorders will be explained. Students will be introduced to the principle of electronic counting and will learn to interpret scatterplots or other graphical material. The concepts of hemostasis basics and advanced will be developed through laboratory exercises, case studies and classroom discussions. **Prerequisite:** MDTC 320 (FALL)

MDTC 422 CLINICAL PRACTICE: HEMATO-LOGY/MICROSCOPY — *3 credits*. This course consists of applied experience in the hematology section of the hospital laboratory or clinical laboratory. Students will perform all routine procedures under the direction of a qualified laboratory technologist. This instruction will enable the students to develop confidence and proficiency in the performance of laboratory tests. **Prerequisites:** MDTC 320 and MDTC 420 (SPRING).

MDTC 431 IMMUNOHEMATOLOGY II — *2 credits*. This course is designed to introduce and build upon practical and theoretical concepts presented in Immuno-hematology I. Additional topics to be covered include investigations and management of hemolytic disease of the fetus and newborn (HDFN), transfusion reactions and autoimmune hemolytic anemias. **Prerequisite:** MDTC 331 (FALL).

MDTC 432 CLINICAL PRACTICE:TRANSFUSION MEDICINE/BLOOD BANK — *3 credits.* This course consists of applied experience in the blood bank/transfusion medicine section of the hospital laboratory or clinical laboratory. Students will perform all routine procedures under the direction of a qualified medical technologist/clinical laboratory scientist. **Prerequisites:** MDTC 331 and MDTC 431 (SPRING).

MDTC 440 CLINICAL MICROBIOLOGY — *5 credits*. This is an integrated lecture and laboratory course of Part II Clinical Microbiology. This course will introduce the student to diagnostic methods of Bacteriology, Mycology, Virology and Parasitology. Clinical specimens will be cultured to differentiate normal flora from pathogenic organisms in the identification process. A discussion of antimicrobial testing and therapy will be included. Pathogenic fungi, yeasts, and parasites will be incorporated. **Prerequisites:** MDTC 330 and MDTC 335 (FALL).

MDTC 441 CLINICAL PRACTICE: MICRO-BIOLOGY — *3 credits*. This course consists of applied experience in the microbiology/immunology section of the hospital laboratory or clinical laboratory. Students will perform all routine procedures under the direction of a qualified medical technologist/clinical laboratory scientist. Students may also be exposed to molecular techniques in hospital setting. **Prerequisites:** MDTC 330, MDTC 335, MDTC 440 and MDTC 470 (SPRING).

MDTC 450 MEDICAL TECHNOLOGY SEMINAR— *1 credit*. This course consists of a laboratory management, education, and research design component. Basic principles and concepts for each of the components will be presented. Students will make several presentations from selected topics on the components. **Prerequisites:** MDTC 330, MDTC 410, MDTC 420, MDTC 431, MDTC 440 (FALL).

MDTC 470 INTRODUCTION TO MOLECULAR DIAGNOSTICS - *2 credits*. This course is a three-week integrated lecture and laboratory course. The emphasis is on the understanding of the molecular methodologies that are employed in clinical applications which include diagnosis of infectious diseases, inherited disorders, cancers, prenatal, paternity and forensics testing. **Prerequisites:** MDTC 300, MDTC 330, BIOL 405, BIOL 406 (FALL). Open to non-majors with permission of the Program Director.

MDTC 480 CLINICAL LABORATORY SCIENCE REVIEW — *1 credit*. This course will provide an in-depth review of subject areas in Clinical Chemistry, Hematology, Immunohematology, Immunology, Urinalysis/Body Fluids and Microbiology. Assessment will be done for each of the six aforementioned disciplines after completion of the related clinical rotation practicums. The ultimate goal of this course is preparation for the senior comprehensive examination, which will be given near the end of the spring semester, and the certification examination. **Prerequisites:** MDTC 300, 305, 320, 330, 331, 335, 410, 420, 429, 431, and 440 (SPRING).

MORGAN STATE UNIVERSITY
DEPARTMENT OF BIOLOGY
BACHELOR OF SCIENCE DEGREE IN MEDICAL TECHNOLOGY
SUGGESTED CURRICULUM SEQUENCE

Pre-Professional Phase

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC	English	3
XXXX-SB	Social & Behavioral Science Core	3
CHEM 105-BP	General Chemistry	4
or CHEM 111	(Honors)	
MATH 113-MQ	Math. Analysis I	4
ORNS 106	Freshman Orientation	1
		15

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX-AH	Arts & Humanities Core	3
BIOL 105-BP	Intro. to Biology I	4
CHEM 201	Organic Chemistry (Allied Hlth.)	4
PHIL 109-CT	Introduction to Logic	3
INSS 141	Intro. to Computer-Based Info. Sys	3
		17

***Professional Phase**

JUNIOR YEAR (FIRST SEMESTER)

BIOL 405	Microbiology	4
HIST 350-CI	African Diaspora	3
MDTC 321	Clinical Microscopy	2
XXXX	Complementary Studies	3
MDTC 300	Principles of Medical Technology	3
		15

SENIOR YEAR (SUMMER SEMESTER)

MDTC 410	Clinical Chemistry	4
		4

SENIOR YEAR (FIRST SEMESTER)

MDTC 420	Clinical Hematology II	3
MDTC 431	Immunohematology II	2
MDTC 440	Clinical Microbiology	5
MDTC 450	Med. Tech. Seminar	1
MDTC 470	Intro. Molecular Diag.	2
		13

*** Admission to program is required to take Professional Phase MT courses**

**** Courses do not run concurrently**

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC	English	3
XXXX-SB	Social & Behavioral Science Core	3
CHEM 106	General Chemistry II	4
or CHEM 112	(Honors)	
MATH 114-MQ	Math. Analysis II	4
MDTC 100	Introduction to Medical Lab Sci.	1
		15

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX-AH	Arts & Humanities Core	3
BIOL 209	Animal Physiology	4
CHEM 202	Biochemistry (Allied Hlth.)	4
XXXX-HH	Health & Healthful Living	3
PHEC XXX	Physical Education	1
		15

JUNIOR YEAR (SECOND SEMESTER)

XXXX	Complementary Studies	3
MDTC 330	Clinical Immunoserology	4
MDTC 305	Introduction to Clinical Chemistry	3
MDTC 335	Path. Microbiology	4
**MDTC 320	Clinical Hematology I	3
**MDTC 331	Immunohematology	3
		20

CLINICAL ROTATIONS
SENIOR YEAR (SECOND SEMESTER)

MDTC 411	Clinical Practicum (Chemistry)	3
MDTC 422	Clinical Practicum (Hema/Micro)	3
MDTC 432	Clinical Practicum (Immunohem)	3
MDTC 441	Clinical Practicum (Microbiology)	3
MDTC 480	Clinical Lab. Science Review	1
		13

TOTAL CREDIT HOURS 127

CHEMISTRY DEPARTMENT

Interim Chairperson of Department: Angela Winstead

Professors: Kadir Aslan, Maurice Iwunze, Santosh Mandal, Angela Winstead
Associate Professors: Mohammad Hokmabadi, Roosevelt Shaw, Yongchao Zhang
Assistant Professors: Pumtiwitt McCarthy
Lecturers: Elizabeth Akinyele, Friedrich Burnett, Gregory Haynes, Louise Hellwig, Niangoran Koissi, Richard Williams
Laboratory Assistants: Cole Grinnell, Solomon Tadesse
Storekeeper: Abisola Akinyele

OBJECTIVES OF THE DEPARTMENT

The program of courses in Chemistry is primarily intended to provide a sound education, as well as excellent research and technical training. The general aim of the Department is to afford thorough instruction in the fundamental theories and principles and in the basic techniques of science. Particular emphasis is placed upon precision of observation and measurement and upon the application of the scientific method.

Two majors are offered by the Department. 1) The Major in Chemistry (ACS). This major is accredited by the American Chemical Society. 2) The General major in Chemistry. Students who plan to continue their studies in graduate and professional school should elect the ACS option, while those who plan to pursue an advanced degree in health sciences may elect the General major in Chemistry.

THE MAJOR IN CHEMISTRY ACS

School Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complimentary Studies Program required of all majors in the School of Computer, Mathematical and Natural Sciences. Options for satisfying this requirement are outlined under the section on the School of Computer, Mathematical and Natural Sciences. To qualify for graduation, students must pass the Senior Departmental Comprehensive Examination; must have taken all of their junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

ACS ACCREDITATION

Students who wish to be certified by the American Chemical Society must choose MATH 340 (Differential Equations), MATH 243, MATH 331, or MATH 312 as an elective, along with one other advanced mathematics, or advanced physics, or computer science course. Please note that MATH 340 is a prerequisite for CHEM 308.

Required Courses in the Major in Chemistry ACS

Course	*Description*	*Credits*
CHEM 105	Principles of General Chemistry I	4
or 111	General Chemistry (Honors)	
CHEM 106	Principles of General Chemistry II	
or 112	General Chemistry and Qualitative Analysis (Honors)	4
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
CHEM 207	QuantitativeAnalysis	4
CHEM 304	Biochemistry	4
CHEM 307	Physical Chemistry I	4
CHEM 308	Physical Chemistry II	4
CHEM 309	Physical Inorganic Laboratory	3
CHEM 312	Advanced Inorganic Chemistry	3
CHEM 314	Instrumental Methods of Analysis	4
CHEM 404	Senior Seminar	1
CHEM 407	Advanced Physical Chemistry	4
CHEM 408	Advanced Organic Chemistry	4
MATH 242	Calculus II	4
PHYS 206	University Physics II	5
Chem 300	Effective Technical Presentations	
or Chem 401|402	Undergraduate Research	1

Chemistry Proficiency Examination at beginning of Junior year.

TOTAL: 63

Required General Education Courses

Course	*Description*	*Credits*
BIOL 105	Introductory Biology	4
or 111	Introductory Biology (Honors)	
MATH 241	Calculus I	4
PHYS 205	University Physics	5
	TOTAL:	**13**

THE MAJOR IN CHEMISTRY
GENERAL

School Requirements: In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complimentary Studies required of all majors in the School of Computer, Mathematical, and Natural Sciences. Options for satisfying this requirement are outlined under the section on the School of Computer, Mathematical, and Natural Sciences. Also, to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination; must have taken all of their junior-and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

This degree option provides an opportunity for students to prepare for the study of medicine, pharmacy, dentistry, and for careers in secondary education. Students who complete this major will not be certified by the department for graduate study in Chemistry.

Required Courses for the Major in Chemistry- General

Course	Description	Credits
CHEM 105	Principles of General Chemistry I	4
or 111	General Chemistry (Honors)	
CHEM 106	Principles of General Chemistry II	
or 112	General Chemistry and Qualitative Analysis (Honors)	4
CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
CHEM 207	Quantitative Analysis I	4
CHEM 304	Biochemistry	4
CHEM 307	Physical Chemistry I	4
CHEM 309	Physical Inorganic Laboratory	3
CHEM 320	Polymer Chemistry	3
CHEM 404	Senior Seminar	1
CHEM 408	Advanced Organic Chemistry	4
MATH 114	Introduction to Math Analysis II Or Higher	4
MATH 241	Calculus I or Higher	4
MATH 242	Calculus II or Higher	4
PHYS 206	University Physics II	5
CHEM 300	Effective Technical Presentations	
or 401/402	Undergraduate Research	1

Chemistry Proficiency Examination at beginning of junior year.

TOTAL: 59

REQUIRED GENERAL EDUCATION COURSES

BIO 105/ 111	Introductory Biology (Honors)	4
MATH 113	Intro to Mathematical Analysis or Higher	3/4
PHYS 205	University Physics I	5
	TOTAL:	**12/13**

REQUIRED COURSES FOR A MINOR IN CHEMISTRY

Students minoring in chemistry must complete the following required courses:

CHOOSE ONE COURSE

Description	Course	Credits
CHEM 106	Principles of General Chemistry II	4
or 112	General Chemistry and Qualitative Analysis (Honors)	

CHOOSE ADDITIONAL COURSES ***14***

CHEM 203	Organic Chemistry I	5
CHEM 204	Organic Chemistry II	5
CHEM 207	Quantitative Analysis I	4
CHEM 211	Environmental Chemistry	3
CHEM 304	Biochemistry	4
CHEM 307	Physical Chemistry I	4
CHEM 309	Physical Inorganic Laboratory	3
CHEM 311	Enviro Analytical Chemistry	4
CHEM 320	Polymer Chemistry	3
CHEM 408	Advanced Organic Chemistry	4
	TOTAL:	**18**

COURSE OFFERINGS

PREREQUISITE COURSES LISTED IN THE DESCRIPTIONS BELOW MUST BE COMPLETED WITH A GRADE OF C OR BETTER IN ORDER TO TAKE THE INDICATED COURSE. IT IS EXPECTED THAT ALL PRIOR PREREQUISITE COURSES TO THE ONES LISTED HAVE ALSO BEEN SATISFIED WITH A GRADE OF C OR BETTER.

CHEM 101/101L GENERAL CHEMISTRY--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits.* A careful study of the fundamental principles of chemistry with emphasis on mathematical manipulations, symbols, formulas and equations, the structure of atoms and the Periodic Law, Chemical bonding, Molecular Structure, the Gaseous State and Kinetic Molecular Theory, and the Liquid and Solid States. Laboratory work introduces students to basic chemical techniques and includes introductory inorganic qualitative and quantitative analyses.

CHEM 105/105L PRINCIPLES OF GENERAL CHEMISTRY I---*Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits*. This is the first semester of a two semester Principles of General Chemistry course. This course is for all majors which require 200 level chemistry courses or higher. The main goal of this course is to learn core topics of fundamental principles of chemistry. This includes modern atomic theory, the chemical bonding and the periodic law, stoichiometry, chemical reactions, theromchemistry, chemical reactions, molecular structure, kinetic molecular theory, and behavior of gases. Laboratory work introduces students to basic chemical techniques and includes development of good and safe laboratory techniques. Prerequisite: High School Chemistry. Corequisite: Math 113 or higher.

CHEM 106/106L PRINCIPLES OF GENERAL CHEMISTRY II---*Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits*. This course is the continuation of Principles of General Chemistry I, Chem 105. This course is designed for all majors which require 200 level chemistry courses or higher. Topics discussed are properties of solutions, chemical kinetics and chemical equilibrium, acid-base equilibria, chemical thermodynamics, electrochemistry, coordination chemistry, and organic chemistry. Laboratory work for the first half of the semester is devoted to experiments that parallel the topics of this course list above. The remainder of the semester involves teaching students principles of semi-micro-qualitative analysis and to relate these experiences to "real world" occurrences. Prerequisite: CHEM 105 or 111 and CHEM 105L OR CHEM 111L. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 110/110L GENERAL CHEMISTRY FOR ENGINEERING STUDENTS--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits.* This course in General Chemistry is designed for engineering majors. The topics covered include chemical principles and concepts from CHEM 105 and CHEM 106. Corequisite: Math 113 or higher.

CHEM 111/111L GENERAL CHEMISTRY (HONORS)--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits.* This course in General Chemistry is designed for honors-level students. The topics treated are basically the same as CHEM 106, but they are discussed in greater depth and at a higher level of sophistication. Corequisite: Math 113 or higher.

CHEM 112/112L GENERAL CHEMISTRY AND QUALITATIVE ANALYSIS (HONORS)--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits* This course is a continuation of CHEM 111. Prerequisite: CHEM 106/106L or 110/110L or 111/111L. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 201 ORGANIC CHEMISTRY FOR ALLIED HEALTH SCIENCE MAJORS--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits.* This is a one-semester organic chemistry course. The course stresses the concept of organic compounds related to biological processes. Organic chemical nomenclature, structure, and properties of carbon compounds are illustrated by applications to human life. Laboratory work includes methods of separation, purification, testing, and spectroscopy of biologically interesting organic compounds. The course is designed for allied health science majors and will not carry credit towards a major or minor in chemistry. **Prerequisite:** CHEM 106 or CHEM 112 AND CHEM 106L or CHEM 112L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 202 BIOCHEMISTRY FOR ALLIED HEALTH SCIENCE MAJORS--- *Three hours lecture (3 credits), 3 hours laboratory (1 credit); total 4 credits.* This course presents an introduction to the chemical structure of cellular components, namely carbohydrates, amino acids and proteins, lipids and biomembranes, enzymes, and nucleic acids. The metabolism of carbohydrates and other foodstuffs that store and supply energy to the body are explored. The overview of metabolism includes a review of nutrition and vitamins. The course is designed for allied health science majors and will not carry credit towards a major or minor in chemistry. Prerequisite: CHEM 201 or 204/204L AND all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 203/203L ORGANIC CHEMISTRY I-- *Three hours lecture (3 credits), 4 hours laboratory (2 credits); total 5 credits.* A systematic study of the compounds of carbon. Topics include the properties, synthesis and structural elucidation of organic compounds, modern structural theory and mechanisms of reactions. Laboratory work includes methods of separation and purification (including chromatography), synthesis, spectroscopy and kinetics. Prerequisite: CHEM 106/106L or 112/112L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 204/204L ORGANIC CHEMISTRY II--- *Three hours lecture (3 credits), 4 hours laboratory (2 credits); total 5 credits.* This course is a continuation of CHEM 203. Prerequisite: CHEM 203/CHEM 203L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 205/205L ORGANIC CHEMISTRY I (HONORS)--- *Three hours lecture (3 credits), 4 hours laboratory (2 credits); total 5 credits.* This is an introductory organic chemistry course designed for honor students. The topics treated are analogous to those in CHEM 203, but are covered in more depth. The course involves a systematic study of organic compounds. Topics include properties and synthesis of organic compounds, modern techniques in spectroscopic structural elucidation, stereochemistry, and conformational analysis. The laboratory covers purification, separation, synthesis, and kinetic experiments. **Prerequisites:** CHEM 112/112L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 206/206L ORGANIC CHEMISTRY II (HONORS)--- *Three hours lecture (3 credits), 4 hours laboratory (2 credits); total 5 credits*. This is a continuation of CHEM 205 and is for honor students only. Topics include properties, synthesis, and reactions of alcohols, ethers, carbonyl compounds, amines, and sugars. The laboratory covers synthesis, spectroscopy, and the identification of unknowns. **Prerequisites:** CHEM 205/205L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 207 QUANTITATIVE ANALYSIS I---*Two hours lecture and six hours laboratory; 4 credits.* This course covers the fundamental theory and practice of volumetric, gravimetric and electrochemical methods. The student is trained in chemical calculations as applied to quantitative analysis. Prerequisite: CHEM 106/106L or 112/112L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 211 ENVIRONMENTAL CHEMISTRY--- *Three hours lecture; 3 credits.* An introduction to the Chemistry of the elements and inorganic compounds which are involved in natural biogeological cycles. Topics discussed are ozone depletion, greenhouse effect and global warming, acid rain, thermal pollution, water pollution, and introduction to geochemistry. Prerequisite: CHEM 105/105L or CHEM111/111L. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better. Course is offered at Chair's discretion or as needed.**

CHEM 300 EFFECTIVE TECHNICAL PRESENTATIONS---*One hour lecture; 1 credit.* This course is designed as a preparatory course for science students who are planning to pursue careers in science. The student is taught the rudiments of searching, analyzing, and critiquing scientific literature and the methods for preparing reports for skillful presentation. Effective methods of data reporting,

graphing techniques, and poster presentations are discussed and practiced. Prerequisite: ENGL 102, CHEM 204/204L, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 304 BIOCHEMISTRY ---*Three hours lecture, four hours laboratory; 4 credits.* This course is designed to meet the needs of Chemistry and Biology students and students in related pre-professional fields. Its scope includes a study of the fundamental chemical processes of living matter, emphasizing the structure, biosynthesis and metabolism of carbohydrates, enzymes, nucleic acids and lipids. Prerequisite: CHEM 204/204L or CHEM 206/206L, BIO 105 or BIO 111, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 307 PHYSICAL CHEMISTRY - *Three hours lecture, four hours laboratory; 4 credits.* 3 hours lecture, 4 hours laboratory; 4 credits: This course deals with the theory and application of the laws of thermodynamics. Prerequisites: CHEM 204/204L or 206/206L, MATH 242 and PHYS 206, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.** (FALL)

CHEM 308 PHYSICAL CHEMISTRY---*Three hours lecture, four hours laboratory; 4 credits.* This course is designed to teach the concepts of chemical kinetics, quantum chemistry, statistical mechanics and spectroscopy. Prerequisites: CHEM 307; CHEM 204/204L or 206/206L, MATH 242 and PHYS 206, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.** (SPRING)

CHEM 309 PHYSICAL INORGANIC LABORATORY---*One hour lecture, four hours laboratory; 3 credits.* This course involves the syntheses and analyses of inorganic and organometallic compounds, with emphasis on modern techniques, such as infrared and ultraviolet-visible spectrophotometry, mass spectrometry, magnetic susceptibility, polarimetry, etc., for studying the properties of these compounds. Electrolytic synthesis and high temperature thermometry will be included. Prerequisite: CHEM 204/204L or CHEM 206/206L **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 311 ENVIRONMENTAL ANALYTICAL CHEMISTRY-*Three hours lecture and laboratory; 4 credits.* This course is designed to use the technique of analytical chemistry to study the cause and effect of environmental pollutants, their distribution and remediation. Air, land and sea pollutants, their generation and distribution will be covered. Instrumental techniques for analyses of environmental pollutants which will include gravimetric, spectroscopic, chromatographic and electrochemical techniques will be covered. Prerequisite: CHEM 207, CHEM 211, MATH 114 or higher, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 312 ADVANCED INORGANIC CHEMISTRY---*Three hours lecture; 3 credits.* An advanced course in systemetric inorganic chemistry considered from the standpoint of the periodic law and supplemented by the study of selected topics on recent advances in the subject. Prerequisite: CHEM 308, CHEM 309, PHYS 206, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 314 INSTRUMENTAL METHODS OF ANALYSIS---*Three hours lecture and six hours laboratory per week; 4 credits.* This course covers the fundamental principles of basic electronic and instrument components of use in analytical chemistry, theory and techniques in atomic and molecular spectrometry in chemical analysis, thermal, electrochemical and chromatographic methods. *Prerequisite:* CHEM 204/204L, CHEM 207, CHEM 308, PHYS 206, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 320 POLYMER CHEMISTRY---*Three hours lecture; 3 credits.* This course is designed for students who are interested in industrial careers and who need a

basic understanding of the chemical and physical aspects of polymers. Prerequisite: CHEM 204/204L or CHEM 206/206L, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 401-402 UNDERGRADUATE RESEARCH---*1-3 credits.* Optional for Chemistry majors. Admission only by permission of the Department Chairperson. A student enrolled in the course is required to submit a written report of his/her research activities to the chairperson at the end of each semester.

CHEM 404 SENIOR SEMINAR---*1 credit.* Registration in this course is limited to prospective graduates. Students give talks on items of current interest in the field of Chemistry.

CHEM 407 ADVANCED TOPICS IN PHYSICAL CHEMISTRY---*Three hours lecture; 3 credits.* This course deals with the basic concepts of Quantum Chemistry and their applications in Chemical Dynamics and Spectroscopy. Prerequisite: CHEM 308, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 408 ADVANCED ORGANIC CHEMISTRY---*Three hours lecture, three hours laboratory; 4 credits.* Registration in this course is limited to prospective graduates or approval of the Departmental Chairperson. This course covers the theory and application of modern spectroscopy, such as infrared, nuclear magnetic resonance, ultraviolet-visible and mass spectrometry. The laboratory includes structure identification, separations, as well as a small research project that includes a search of the literature. Prerequisite: CHEM 204/204L, or 206/206L, CHEM 207, **AND** all prior prerequisites for these courses. **Prerequisite courses listed must be completed with a grade of C or better in order to take the indicated course. It is expected that all prior prerequisite courses to the ones listed have also been satisfied with a grade of C or better.**

CHEM 498 SENIOR INTERNSHIP---*Five hours; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 3.0 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean.

CHEM 499 SENIOR RESEARCH OR TEACHING/TUTORIAL ASSISTANTSHIP---*Five hours; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentor ship of a tenure/tenure-track faculty member. Registration is limited to seniors with a minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson.

ACS
Chemist

MORGAN STATE UNIVERSITY
DEPARTMENT OF CHEMISTRY
BACHELOR OF SCIENCE DEGREE IN CHEMISTRY
ACS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

CHEM 105–BP	General Chemistry I	4
or CHEM 111	(Honors)	
ENGL 101–EC	English	3
MATH 241–MQ	Calculus I	4
XXXX– SB	Social and Behavioral Sci Core	3
ORNS 106	Freshman Orientation	1
		15

FRESHMAN YEAR (SECOND SEMESTER)

CHEM 106	General Chemistry	4
or CHEM 112	(Honors)	
ENGL 102–EC	English	3
MATH 242	Calculus II	4
XXXX– SB	Social and Behavioral Sci Core	3
XXXX-HH	Health & Healthful Living	3
		17

SOPHOMORE YEAR (FIRST SEMESTER)

CHEM 203	Organic Chemistry I	5
or CHEM 205		
PHYS 205-BP	University Physics I	5
BIOL 105-BP	Intro to Biology I	4
PHEC XXX	Physical Education	1
		15

SOPHOMORE YEAR (SECOND SEMESTER)

CHEM 204	Organic Chemistry II	5
or CHEM 206	(Honors)	
PHYS 206	University Physics II	5
BIOL 106	Intro to Biology II	4
CHEM 207	Quantitative Analysis I	4
		18

JUNIOR YEAR (FIRST SEMESTER)

CHEM 304	Biochemistry	4
CHEM 307	Physical Chemistry I	4
MATH 340	Introduction to Differential Eq.	3
XXXX- AH	Arts & Humanities Core	3
		14

JUNIOR YEAR (SECOND SEMESTER)

CHEM 308	Physical Chemistry II	4
CHEM 309	Physical Inorganic Chem.	3
XXXX- AH	Arts & Humanities Core	3
XXXX- CI	Contemporary & Global Issues	3
		13

SENIOR YEAR (FIRST SEMESTER)

CHEM 312	Advanced Inorganic Chemistry	3
CHEM 314	Instrumental Methods & Analysis	4
PHIL 109-CT	Quantitative Analysis Course	3
XXXX	Complementary Studies	3
CMEM 300	Technical Presentations or	
CHEM 401-402	Undergraduate Research	1
		14

SENIOR YEAR (SECOND SEMESTER)

CHEM 404	Senior Seminar	1
CHEM 408	Advanced Organic Chemistry	4
CHEM 407	Advanced Physical Chemistry	3
XXXX	Complementary Studies	3
COSC 110-IM	Introduction to Computer Science	3
		14

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF CHEMISTRY
BACHELOR OF SCIENCE DEGREE IN CHEMISTRY
GENERAL/PRE-PROFESSIONAL
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

CHEM 105	General Chemistry I	4
or CHEM 111	(Honors)	
ENGL 101–EC	English	3
MATH 113–MQ	Math Analysis I	4
XXXX– SB	Social and Behavioral Sci Core	3
ORNS 106	Freshman Orientation	1
		15

FRESHMAN YEAR (SECOND SEMESTER)

CHEM 106	General Chemistry	4
or CHEM 112	(Honors)	
ENGL 102–EC	English	3
MATH 114	Math Analysis II	4
XXXX– SB	Social and Behavioral Sci. Core	3
XXXX-HH	Health & Healthful Living	3
		17

SOPHOMORE YEAR (FIRST SEMESTER)

CHEM 203	Organic Chemistry I	5
or CHEM 205		
PHYS 205–BP	University Physics I	5
MATH 241	Calculus I	4
PHIL 109-CT	Introduction to Logic	3
		17

SOPHOMORE YEAR (SECOND SEMESTER)

CHEM 204	Organic Chemistry II	5
or CHEM 206	(Honors)	
PHYS 206	University Physics II	5
MATH 242	Calculus II	4
CHEM 207	Quantitative Analysis I	4
		18

JUNIOR YEAR (FIRST SEMESTER)

CHEM 307	Physical Chemistry I	4
MATH 320	Polymer Chemistry	3
BIOL 105-BP	Intro to Biology I	4
XXXX- AH	Arts & Humanities Core	3
		14

JUNIOR YEAR (SECOND SEMESTER)

BIOL 106	Intro to Biology II	4
CHEM 309	Physical Inorganic Chem.	3
XXXX	Complementary Studies	3
XXXX	Advised Elective	3
		13

SENIOR YEAR (FIRST SEMESTER)

CHEM 304	Biochemistry	4
CMEM 300	Technical Presentations or	
CHEM 401-402	Undergraduate Research	1
XXXX- CI	Contemporary & Global Iss.	3
XXXX	Advised Chemistry Elective	3
PHEC XXX	Physical Education	1
		12

SENIOR YEAR (SECOND SEMESTER)

CHEM 404	Senior Seminar	1
CHEM 408	Advanced Organic Chemistry	4
XXXX	Complementary Studies	3
XXXX- AH	Arts & Humanities Core	3
COSC 110-IM	Introduction to Computer Science	3
		14

TOTAL CREDIT HOURS 120

COMPUTER SCIENCE DEPARTMENT

Interim Chairperson of Department: Associate Professor VOJISLAV STOJKOVIC
Associate Professors: ERIC SAKK and SAMIR TANNOURI;
Assistant Professor: MAHMUDUR RAHMAN
Lecturers: GHOLAM KHAKSARI, ROSHAN PAUDEL, SCHINNEL SMALL, and GRACE STEELE
Adjunct Lecturer: HASSANE DRABO, HARRIETT GANTT, HELENE NGUEWOU-HYOUSSE, JOSHUA ROBINSON, and JAMAL THEODORE

OBJECTIVES OF THE DEPARTMENT
The undergraduate program in Computer Science prepares students for entry into the computing profession, for graduate study in computer, computational, and data sciences, and for the many challenges that will confront them in their professional and personal life.
The Computer Science program also prepares students to apply their knowledge and training to produce solutions to specific and esoteric problems. Students learn to define the problem clearly; to determine its tractability; to determine when consultation with outside experts is appropriate; to evaluate and choose an appropriate solution strategy; and then to study, specify, design, implement, test, modify, and document that solution; to evaluate alternatives and perform risk analysis on that design; to integrate alternative techniques and technologies into that solution; and finally to communicate that solution to colleagues, to professionals in other fields, and to the general public. Key to all of this is the ability of the problem-solver to work within a team environment throughout the entire problem-solving process.

THE MAJOR IN COMPUTER SCIENCE

School-wide Requirements

To qualify for graduation, students must have satisfied

- Computer Science Major Requirements
- General Education Requirements
- Earned six (6) credits in the Complementary Studies Program required for all majors in the School of Computer, Mathematical and Natural Sciences.
- Passed the Senior Departmental Comprehensive Examination
- Taken all of their junior and senior-level requirements in the major at Morgan State University (unless granted prior written permission by the Dean to take courses elsewhere)
- Earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

Required Courses for Computer Science Major
In order to satisfy Computer Science Major Requirements, students must complete the courses listed below:

Course Description		*Credits*
COSC 112	Introduction to Computer Science II	4
COSC 220	Data Structures and Algorithms Anal.	3
COSC 237	Advanced Programming I	4
COSC 241	Computer Systems	3
COSC 243	Computer Architecture	3
COSC 281	Discrete Structures	3
COSC 350	Foundation of Comp Security and IA	3
COSC 351	Cybersecurity	3
COSC 352	Organization of Programming Lang.	3
COSC 353	Major Operating Systems	3
COSC 354	Operating Systems	4
COSC 385	Automata Theory	3
COSC XXX	Computer Science Elective 1	3
COSC XXX	Computer Science Elective 2	3
COSC 413	Parallel Algorithms	3
COSC 458	Software Engineering	3
COSC 460	Computer Graphics	3
COSC 470	Artificial Intelligence	3
MATH 242	Calculus II	4
MATH 312	Linear Algebra I	3
MATH 331	Applied Probability and Statistics	3
MATH 340	Introduction to Differential Equations	3
TOTAL CREDITS		**70**

Required Courses for General Education
In order to satisfy General Education Requirements, students must complete the courses listed below:

Course	*Description*	*Credits*
COSC 111	INTRO TO COMP SCI I (IM)	4
ENGL 101/111	FRESHMAN COMPOSITI I (EC)	3
ENGL 102/112	FRESHMAN COMPOSITI II (EC)	3
PHIL 109/119	INTRO TO LOGIC (CT)	3
MATH 241	CALCULUS I (MQ)	4
XXXX YYY	ARTS & HUMANITI ELEC (AH)	3
XXXX YYY	ARTS & HUMANITI ELEC (AH)	3
XXXX- BP	Biological & Physical Sci. (w/ lab)	4
XXXX- BP	Biological & Physical Sci.	3
XXXX YYY	SOCIAL & BEH SCIS ELEC (SB)	3
XXXX YYY	SOCIAL & BEH SCIS ELEC (SB)	3
XXXX YYY	HEALTH & HEAL LIVING (HH)	3
HIST 350/360	AFRICAN DIASPORA (CI)	3
TOTAL CREDITS		**42**

Required Courses for a Minor in Computer Science
The following are required courses for those students desiring to minor in Computer Science:

Course Description	*Credits*
COSC 111 Introduction to Computer Science I	4
COSC 112 Introduction to Computer Science II	4
COSC 220 Data Structures and Algorithms Analys	3
COSC 241 Computer Systems	3
COSC 243 Computer Architecture	3
TOTAL CREDITS:	**17**

COURSE OFFERINGS

COSC 010, 020, 030, 040 COOPERATIVE WORK PROGRAM— *0-3 credits.*

COSC 110 INTRODUCTION TO COMPUTING— Three hours lecture: 3 credits. This course is designed to introduce students with no prior experience with computers and programming to the organization and characteristics of a digital computer and to the existence and uses of computers in everyday life experiences. If time permits, students may be given the opportunity to become familiar with computers via the use of electronic mail and the writing of short programs in a high level language. (FALL/ SPRING).

COSC 111 INTRODUCTION TO COMPUTER SCIENCE I— *Four hours lecture; 4 credits.* A first course in the Computer Science sequence, it is required for all Computer Science majors. Course objectives include: introduction to problem-solving methods and algorithm development; definition of language syntax and semantics of a high-level programming language; and development of the ability to design, code, debug, document and successfully execute programs. An imperative programming language is the language of illustration. (FALL/SPRING).

COSC 112 INTRODUCTION TO COMPUTER SCIENCE II— *Four hours lecture; 4 credits.* This is the second computer science course in a two-semester course sequence for computer science majors. Course objectives include software design considerations, simple data structures and a brief introduction to analysis of algorithms. **Prerequisite:** COSC 111 with grade of "C" or better. (FALL/SPRING).

COSC 151 COMPUTATIONAL SCIENCE AND DATA ANALYSIS – *One hour of lecture, two hours of laboratory; 3 credits.* The course introduces undergraduates to computational and analytical tools/techniques needed to analyze/communicate scientific knowledge. Content will be covered through laboratory exercises and lectures designed to reinforce relevant scientific concepts. Different software tools and techniques applicable to the STEM disciplines will be examined. **Prerequisite:** No prerequisite.

COSC 220 DATA STRUCTURES AND ALGORITHMS ANALYSIS— *Three hours lecture; 3 credits.* This course focuses on applying analysis and design techniques to nonnumeric algorithms which act on data structures and select data relationships and storage representations. Basic concepts of data structures such as strings, lists, arrays, stacks, queues, trees and graphs, and analysis and design of efficient algorithms for searching, sorting, and merging are examined. **Prerequisite:** COSC 112. (SPRING).

COSC 230 OBJECT-ORIENTED PROGRAMMING FOR ENGINEERS — *Four hours lecture; 4 credits.* This course is designed to introduce the fundamental concepts of object-oriented programming. Students learn the essentials of classes, objects, inheritance, polymorphism, access protection, fields, and methods. This course is not intended for Computer Science majors. (OFFERED AS NEEDED).

COSC 231 FORTRAN 90 PROGRAMMING —*Four hours lecture; 4 credits.* This course emphasizes programming in a scientific environment using FORTRAN 90 syntax and semantics. It will broaden students' computer backgrounds and problem solving concepts, data types, input/output, loops, decision making, arrays, manipulating characters, functions and subroutines, file input/ output, use of storage and other common FORTRAN 90 statements. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 234 LISP PROGRAMMING— *Four hours lecture; 4 credits.* This course provides an up-to-date and didactically coherent introduction to LISP language and a brief but self-contained introduction to interactive programming with the LISP language. Programming tools and methodology are further developed. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 235 PROLOG PROGRAMMING —*Four hours lecture; 4 credits.* This course provides an up-to-date and didactically coherent introduction to PROLOG language and a brief but self-contained introduction to interactive programming with the PROLOG language. Programming tools and methodology are further developed. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 237 ADVANCED PROGRAMMING I— *Four hours lecture; 4 credits.* This course will provide students with a thorough knowledge of advanced concepts of a programming language. Structured programming will be introduced and emphasized throughout the semester. It will offer an overview of a language, including syntax, semantics, primary data types, storage classes, input/ output and library functions, program looping, decision making, functions, arrays, structures and unions, string handling, file input/output, use of editors and compiling large programs. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 238 OOP, C++— *Four hours lecture; 4 credits.* This course involves problem solving using advanced pointers and dynamic data structures, object oriented programming in C++,

classes, message passing, and inheritance using C++. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).
COSC 239 JAVA PROGRAMMING — *Four hours lecture; 4 credits.* An examination of a modern programming language emphasizing programming concepts and design methodology. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 241 COMPUTER SYSTEMS — *Three hours lecture; 3 credits.* This course introduces basic concepts of computer systems and is a first course in computer architecture and ASSEMBLY language programming. **Prerequisite:** COSC 112 or by permission of the Department Chairperson. (OFFERED AS NEEDED).

COSC 243 COMPUTER ARCHITECTURE — *Three hours lecture; 3 credits.* This course is an introduction to computer organization and architecture. The computer is described as a hierarchy of levels, each performing some well-defined function. Comparisons are made in the way the levels and functions are implemented in various computer systems. The system design and ASSEMBLY language programming presented in COSC 241, Computer Systems, will be used extensively as a reference and comparison. Programming assignments using ASSEMBLY language will be given to illustrate concepts and examples in this course. **Prerequisite:** COSC 241. (SPRING).

COSC 247 DIGITAL LOGIC — *Three hours lecture; 3 credits.* This is a first course in digital systems, including a treatment of logic and digital circuits as well as design using register level components. Data representation, device characteristics, and register transfer notation are covered in a manner that stresses application of basic problem- solving techniques to both hardware and software design. Required specification, the design process and issues associated with use of graphical interfaces are also discussed. **Prerequisite:** COSC 243. (OFFERED AS NEEDED).

COSC 251 INTRODUCTION TO DATA SCIENCE – *Three hours of lecture, 3 credits*. This course introduces the use of computers for the analysis, interpretation and visualization of both simple and complex, high-volume, high-dimensional and structured/unstructured data from varying sources based on applying data analysis, modeling, data mining, data visualization and search techniques. **Prerequisite:** COSC 151

COSC 255 INTRODUCTION TO UNIX — *Four hours lecture; 4 credits.* This course deals with concepts of operating systems, concurrent processes, process synchronization and communication, resource allocation, kernels, deadlock, memory management and file systems. **Prerequisite:** COSC 112. (OFFERED AS NEEDED).

COSC 281 DISCRETE STRUCTURES—*Three hours lecture: 3 credits.* The purpose of this course is to provide an up-to-date and didactically coherent introduction to discrete structures. This course is designed to introduce the mathematical techniques which are of the greatest importance to theoretical computer science. Topics to be discussed include correctness proofs, partially ordered structures, Boolean algebra, prepositional logic, predicate logic, graphs, Turing machines, analysis of algorithms and complexity of algorithms, and coding theory. **Prerequisite:** COSC 112. (SPRING).

COSC 332 COMPUTER GAMING – *Three hours lecture; 3 credits.* This course uses sophisticated programming techniques, high efficiency, real time algorithms, and complex program architectures to deliver user-friendly applications and programs to the user. (OFFERED AS NEEDED).

COSC 341 ADVANCED PROGRAMMING II, *Four hours lecture; 4 credits.* This course will provide students with a thorough knowledge of advanced concepts of a programming language. Structured programming techniques will be used and emphasized throughout the semester. This is a follow on to Advanced Programming I and prepares students for competitive competition programming. (OFFERED AS NEEDED)

COSC 343 MICROCOMPUTER SYSTEMS AND APPLICATIONS—*Three hours lecture; 3 credits.* A comprehensive study of the components of microcomputer systems and their peripheral devices, features, and trends in the operating systems which govern their operation, including a survey of the application software avail- able for such systems. This course is designed to include hands-on experience on several commercially popular microcomputers and the software packages which run on them. **Prerequisite:** Some knowledge of computer programming or consent of the instructor. (FALL/SPRING).

COSC 345 INTRODUCTION TO SUPERCOMPUTERS—*Three hours lecture; 3 credits.* This course offers a general introduction to supercomputers, the problems for which they were designed and the languages used to control them. Topics include a history of large-scale computation and architectural classification of the various machines currently available. After measurements of program performance and general methods of optimization have been introduced, a study of dependencies and their influences upon vectorization and parallelism will be considered. **Prerequisites:** COSC112, MATH 241, MATH 312. (FALL/SPRING).

COSC 349 NETWORK COMMUNICATIONS — *Three hours lecture; 3 credits.* This course covers the theory and practice of computer networks, emphasizing the principles underlying the design of network software and the role of the communications system in distributed computing. Topics include data representation, channel, semantics, synchronization, resource (FALL/SPRING).

COSC 350 FOUNDATIONS OF COMPUTER SECURITY AND INFORMATION ASSURANCE — *Three hours lecture; 3 credits*. Principles of information security which relate to computer science are addressed. Topics covered include identification and authentication, access control, and security models. Practical aspects of

security and assurance are addressed relative to UNIX, Windows NT, and approaches to security attainment. **Prerequisites:** COSC 241. (OFFERED AS NEEDED).

COSC 351 CYBERSECURITY – *Three hours of lecture, zero hours of laboratory; 3 credits.* This course presents threads analyzing and prediction, vulnerabilities and risks. Topics include identification and authentication, encryption and certifications, security in UNIX and Windows environments, malicious software, trusted computer systems, network attacks and defenses, firewalls, intrusion detection and prevention, database security. **Prerequisite:** COSC 350, minimum grades of C. (SPRING)

COSC 352 ORGANIZATION OF PROGRAMMING LANGUAGES— *Three hours lecture; 3 credits.* This course explores concepts of programming languages including the following topics: syntax and basic characteristics of grammars, constructs for specifying and manipulating data types, control structures and data flow, and run-time considerations. Examples will be drawn from languages such as FORTRAN 90, JAVA, ALGOL, SNOBOL 4 and APL. **Prerequisite:** COSC 220. (FALL).

COSC 353 MAJOR OPERATING SYSTEMS – *Three hours of lecture, zero hours of laboratory; 3 credits*. The course presents major operating systems: Microsoft windows, unix, Mac OS X, iOS, and Google Chrome OS. Topics cover concepts, structures, working with the command line, installing and maintaining operating systems and software packages, editing, compiling, etc. **Prerequisite**: COSC 237 and COSC 243, minimum grades of C. (FALL)

COSC 354 OPERATING SYSTEMS— *Four hours lecture; 4 credits.* Principles underlying computer operating systems are presented from a computer designer's perspective. Concepts explained include process concurrence, synchronization, resource management, input/ output scheduling, job and process scheduling, scheduling policies, deadlock, semaphore, consumer/ producer relationship, storage management (real storage management policies in a multiprogramming environment), virtual memory management (segmentation and paging), and an overview of contemporary operating systems with these principles. Students program in a high level language. **Prerequisites:** COSC 220, COSC 241. (SPRING).

COSC 356 COMPILERS – *Four hours lecture; 4 credits.* This course is an introduction to the principles, techniques and tools for design and implementation of compilers. The course covers: introduction to compiling, a simple one-pass compiler, lexical analysis - scanning, syntax analysis - parsing, semantic analysis, syntax-directed translation, intermediate code generation, code generation, code optimization, and symbol table management. **Prerequisite:** COSC 385. (OFFERED AS NEEDED)

COSC 357 STRATEGY AND CONCEPTS OF NETWORK SYSTEMS— *Three hours lecture; 3 credits.* This course is an introduction to local and wide-area network topologies. It investigates the design considerations and bandwidth management of network systems. The course includes Internet connectivity with the World Wide Web, Gopher, Veronica, FTP, Archie, Usenet, Telnet, etc. In addition, techniques for developing home pages, bulletin boards and list services are also presented. **Pre- requisites:** COSC 220. (OFFERED AS NEEDED)

COSC 358 NETWORK SECURITY FUNDAMENTALS-- *Three hours lecture; 3 credits* Creates an awareness of security related issues and the essential skills needed to implement security in a given network. Students are introduced to various protocols, and will learn to develop and implement security measures in router based networks and across different platforms. It focuses on some of the techniques commonly used by network attackers and how to respond to these attacks. **Prerequisite:** COSC 349 (OFFERED AS NEEDED)

COSC 359 DATABASE DESIGN— *Three hours lecture; 3 credits.* A student selecting this course will study functions of a database system, and data modeling and logical database design. Query languages and query optimization, efficient data storage and access, as well as concurrency control and recovery will also be covered. **Prerequisite:** COSC 220. (FALL/SPRING).

COSC 360 INTRODUCTION TO DATABASE SECURITY--- *Three hours lecture; 3 credits*, The course focuses on the integration and flow of security knowledge within the organization. Areas addressed include: How are secure network protocols designed and how are vulnerabilities discovered? What are the effects of system vulnerabilities and how may they be minimized. Protocols/systems that are covered in detail are TCP/IP, SSL/TLS. IPsec, SSH, firewalls. (OFFERED AS NEEDED)

COSC 372 INTRODUCTION TO BIOPROGRAMMING *Three lecture hours; 3 credits.* No background in genetics or biology is assumed. The course involves students doing a few projects which typically involve some computer programming in a programming language of the student's choice. (OFFERED AS NEEDED)

COSC 373 FOUNDATIONS OF BIOINFORMATICS--- *Four hours lecture; 4 credits.* This multidisciplinary course explains the extraordinarily broad scope of bioinformatics, discusses the theory and practice of computational methods, strategies and software tools for sequence analysis, and protein structure prediction and provides insights to gain a more sophisticated understanding of the applicability and limitations of those approaches. (OFFERED AS NEEDED)

COSC 383 NUMERICAL METHODS AND PROGRAMMING —*Three hours lecture; 3 credits.* This course derives and applies techniques for approximation numerical variables and parameters. Mathematical procedures for numerical approximation are analyzed for computational efficiency and error accumulation. Algorithms for implementation of numerical methods are derived and applied in a high-level computer language. **Prerequisite:** MATH 242.

(OFFERED AS NEEDED)

COSC 385 AUTOMATA – *Three hours lecture; 3 credits.* This course is an introduction to the theory of automata, languages, grammars, and computability. The course covers: math preliminaries (sets, functions, and relations), languages, automata, and grammars; Chomsky hierarchy; finite automata, regular expressions, and regular languages; push-down automata and context- free languages; and Turing machines. **Prerequisites:** COSC 220, COSC 237, COSC 281 and COSC 352. (FALL).

COSC 413 PARALLEL ALGORITHMS— *Three hours lecture; 3 credits.* This course consists of fundamental concepts of concurrent programming; synchronization mechanisms based on shared variables and message passing; systematic development of correct programs; and paradigms for distributed programming. **Prerequisite:** COSC 220. (OFFERED AS NEEDED)

COSC 458 SOFTWARE ENGINEERING— *Three hours lecture; 3 credits.* This course develops the techniques for designing a large software project and for organizing and managing a programming team. Students will be organized into teams to develop a large software project. **Prerequisites:** COSC 220 and COSC 352. (FALL).

COSC 460 COMPUTER GRAPHICS— *Three hours lecture; 3 credits.* This course involves discussion of some basic types of computer graphic devices, graphics and text modes, point plotting and line drawing, area filling, image array plotting, mathematics and generation of two and three dimensional transformations: translations, rotations, scaling, rendering reflections, orthogonal and perspective projections. **Prerequisite:** COSC 220. (SPRING).

COSC 470 ARTIFICIAL INTELLIGENCE – *Three hours lecture; 3 credits.* This course is an introduction to the agent-oriented approach to artificial intelligence. The course covers: foundations and history of artificial intelligence, intelligent agents, search techniques, knowledge and reasoning, logic (propositional and predicate logic), reasoning with logic, forward and back- ward chaining, resolution, and applications (mechanical theorem proving and expert systems). (OFFERED AS NEEDED)

COSC 471 EXPERT SYSTEMS— *Three hours lecture; 3 credits.* This course will include a study of knowledge engineering, featuring the unified treatment of computation and software design. The essentials of computing concepts, artificial intelligence, logic programming, share engineering in the development of expert know- ledge systems. **Prerequisite:** COSC 470. (OFFERED AS NEEDED)

COSC 490 SENIOR PROJECT— *Three hours; 3 credits.* Graduating seniors selecting this course will conduct research or participate in special projects on topics reflecting new and latest developments in computer science, under the guidance of a member of the Department. (SPRING).

COSC 491 CONFERENCE COURSE— *Three hours lecture: 3 credits.* A student selecting this course will study an advanced topic in computer science individually under the guidance of a member of the Department. **Prerequisite:** Permission of Department Chairperson. (OFFERED AS NEEDED).

COSC 498 SENIOR INTERNSHIP— *Nine hours; 3 credits.* This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Department Chairperson. Registration is limited to seniors with minimum 3.0 cumulative and major averages and requires approval of the Department Chairperson. The Dean may approve exceptions. (OFFERED AS NEEDED).

COSC 499 SENIOR RESEARCH OR TEACHING/TUTORIAL ASSISTANTSHIP— *Nine hours; 3 cred- its.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. The Dean may approve exceptions.

MORGAN STATE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
BACHELOR OF SCIENCE DEGREE IN COMPUTER SCIENCE
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

COSC 111- IM	Introduction to Computer Science I	4
MATH 241-MQ	Calculus I	4
ENGL 101-EC	English	3
PHIL 109-CT	Introduction to Logic	3
ORNS 106	Freshman Orientation	1
		15

FRESHMAN YEAR (SECOND SEMESTER)

COSC 112	Intro to Computer Science II	4
MATH 242	Calculus II	4
ENGL 102-EC	English	3
XXXX-HH	Health & Healthful Living	3
PHEC XXX	Physical Education	1
		15

SOPHOMORE YEAR (FIRST SEMESTER)

COSC 220	Data Structure and Alg Analysis	3
COSC 241	Computer Systems	3
COSC 281	Discrete Structures	3
XXXX-AH	Arts & Humanities Core	3
XXXX-SB	Social & Behavioral Science Core	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

COSC 237	Advanced Programming I	4
COSC 243	Computer Architecture	3
MATH 312	Linear Algebra I	3
XXXX-AH	Arts & Humanities Core	3
XXXX-SB	Social & Behavioral Science Core	3
		16

JUNIOR YEAR (FIRST SEMESTER)

COSC 350	Found. Of Comp. Sci & Info. Sys.	3
COSC 352	Org. of Prog. Language	3
COSC 353	Major Operating System	3
COSC XXX	Computer Science Elective	3
MATH 331	Probability & Statistics	3
		15

JUNIOR YEAR (SECOND SEMESTER)

COSC 351	Cybersecurity	3
COSC 385	Automata	3
COSC 354	Operating Systems	4
COSC XXX	Computer Science Elec	3
MATH 340	Introduction to Differential Eq.	3
		16

SENIOR YEAR (FIRST SEMESTER)

COSC 413	Parallel Algorithms	3
COSC 458	Software Engineering	3
XXXX- BP	Biological & Physical Sci. (w/ lab)	4
XXXX	Complementary Studies	3
XXXX - CI	Contemporary & Global Issues	3
		16

SENIOR YEAR (SECOND SEMESTER)

COSC 460	Computer Graphics	3
COSC 470	Artificial Intelligence	3
XXXX- BP	Biological & Physical Sci.	3
XXXX	Complementary Studies	3
		12

TOTAL CREDIT HOURS
120

MATHEMATICS DEPARTMENT

Chairperson of Department: Professor A S A M O A H N K W A N T A ; Professors: GASTON M. N'GUEREKATA, A S A M O A H N K W A N T A , ALEXANDER PANKOV; Associate Professors: JONATHAN FARLEY, XIAO-XIONG GAN, BHAMINI NAYAR, LEON WOODSON, XUMING XIE, GUOPING (DAVID) ZHANG; Assistant Professor: MINGCHAO CAI, ISABELLE KEMAJOU-BROWN, NAJAT ZIYADI; Instructors: CORNELIA HSU, , SHIRLEY K. RUSSELL; NADEZHDA ENURAH, SAMUEL N. ENURAH, JULIAN FULLER, VAN R. JONES, RODNEY KERBY, JEAN- PIERRE LIAMBA, PETER MCCALLA, ARON REZNIK, SYAFRIDA SYAFRIDA, AHLAM ELHAGE TANNOURI, , GUVEN YILMAZ, KARIM ZAMINI; ADJUNCT FACULTY: ASHRAF.AHMED, ARNOLD SPICINETSKIY; Visiting Professor: MARSHALL M. COHEN. -

PHILOSOPHY OF THE DEPARTMENT

Mathematical methods have become indispensable to the proper functioning of our increasingly scientific and technological society. In view of this, the Department aims to assist students to develop an appreciation for the power and orderliness of logical thought, precision of expression, and the utility of mathematics. By properly selecting a major and supporting courses, the student can prepare for careers in a variety of fields, including research, business, government and teaching. Recognizing the symbiosis among academic disciplines, the Department provides courses designed to meet the mathem- atical needs prescribed for majors in other departments.

THE MAJOR IN MATHEMATICS

School-wide Requirements

In addition to meeting the requirements in General Edu- cation and in the major, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical and Natural Sciences. Options for satisfying this requirement are outlined under the section on the School of Computer, Mathematical and Natural Sciences. Also, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination; must have taken all of the junior- and senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

REQUIRED COURSES FOR THE MAJOR IN MATHEMATICS (Pure)

Entering students should select a mathematics course in consultation with a faculty advisor. Qualified students intending to major in mathematics are generally advised to begin with MATH 215 and MATH 241. Students not at this level are to begin with MATH 141, followed by MATH 215 and MATH 241. All required courses must be completed with a final grade of "C" or better.

Students majoring in Mathematics (Pure) must take the following courses:

Course	Description	Credits
For General Education*		
MATH 215	Found. for Adv Math I	3
FOR THE MAJOR		
MATH 216	Found. for Adv Math II	3
MATH 241	Calculus I	4
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 312	Linear Algebra I	3
MATH 340	Intro. to Diffeerential Eq.	3
MATH 341	Adv. Calculus I	3
MATH 343	Complex Variables	3
MATH 413	Algebraic Structures I	3
MATH 431	Math. Theory of Stats.	3
CHOOSE ONE MATH COURSE (3 credits)		
MATH 450	Senior Seminar	
MATH 451	Honors Conference Course	
MATH 452	Conference Course	
MATH 479	Point Set Topology	
COMPLETE ADDITIONAL COURSES		
MATH XXX	3 (Math 300/400 level)	9
PHYS 206	University Physics II	5
	TOTAL CREDITS	**56**

* Mathematics majors must select this course to fulfill the Mathematics requirements under General Education.

THE MAJOR IN MATHEMATICS WITH A CON- CENTRATION IN MATHEMATICS EDUCA- TION OR WITH TEACHER CERTIFICATION

To attain certification to teach mathematics, students must complete the mathematics major in one of the concen- trations or tracks above and complete the following courses:

Course	Description	Credits
MATH 361**	Introduction to Math Modeling	3
MATH 371**	History of Mathematics	3
MATH 421**	Higher Geometry	

3		
MATH 481	Algebra & Analysis w/Connect. & Anal.	3
MATH 482	Geometry w/Connect. to Algebra & Anal.	3
COSC 111	Introduction to Computer Science	4

TOTAL CREDITS 19

MINOR IN MATHEMATICS (PURE)
(For Science and Engineering Majors)
Students who minor in Mathematics (Pure) for Science and Engineering majors must complete the following courses:

Course	Description	Credits
MATH 341	Advanced Calculus I	3
MATH 343	Complex Variables	3
MATH 413	Algebraic Structures I	3
MATH 431	Mathematical Theory of Statistics I	3
MATH 450	Senior Seminar	3
MATH 479	Point Set Topology	3

TOTAL CREDITS 18

MINOR IN MATHEMATICS (PURE)
(For Non-Science and Non-Engineering Majors) Students who minor in Mathematics (Pure) for Non-Science and Non-Engineering majors must complete the following courses:

Course	Description	Credits
MATH 215	Found. for Adv Math I	3
MATH 241	Calculus I	4
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 312	Linear Algebra I	3

TOTAL CREDITS 62

REQUIRED COURSES FOR A MAJOR IN MATHEMATICS (STATISTICS TRACK)

Course	Description	Credits
For General Education*		
MATH 215	Found. for Adv Math I	3

For The Major

MATH 216	Found. for Adv Math II	3
MATH 241	Calculus I	4
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 312	Linear Algebra I	3
MATH 331	Applied Probability & Statistics	3
MATH 333	Applied Regression & Cor. Anal.	3
MATH 337	Nonparametric Stat. Methods	3
MATH 340	Intro. to Differential Eq.	3
MATH 341	Adv. Calculus I	3
MATH 343	Complex Variables	3
MATH 413	Algebraic Structures I	3
MATH 431	Math. Theory of Stats.	3
MATH 432	Math. Theory of Statistics II	3

CHOOSE ONE MATH COURSE (3 CREDITS)

MATH 450	Senior Seminar	3
MATH 451	Honors Conference Course	3
MATH 452	Conference Course	3
MATH 479	Point Set Topology	3

CHOOSE ONE COURSE (3 CREDITS)

MATH 334	Applied Analysis of Variance	3
MATH 339	Survey Sampling Techniques	3
MATH 345	Math for Insurance, Bus. & Inv.	3
MATH 435	Design & Analy. of Experiment	3
MATH 436	Quality Control	3
PHYS 206	University Physics II	3

TOTAL CREDITS 62

For The Minor in Mathematics (Statistics Track)

Course	Description	Credits
MATH 242 **	Calculus II	4
MATH 312**	Linear Algebra I	3
MATH 331**	Applied Probability & Statistics	3
MATH 333	Applied Regression & Cor. Anal.	3
MATH 337	Nonparametric Stat. Methods	3

CHOOSE ONE MATH COURSE (3 CREDITS)

MATH 334	Applied Analysis of Variance	3
MATH 339	Survey Sampling Techniques	3
MATH 345	Math for Insurance, Bus. & Inv.	3
MATH 431	Math. Theory of Stats.	3
MATH 432	Math. Theory of Statistics II	3
MATH 435	Design & Analy. of Experiment	3
MATH 436	Quality Control	3

TOTAL CREDITS 19

****See Department Chair for Substitution**

HONORS PROGRAM
After a student has completed MATH 215 and MATH 242, he/she may be invited by the Department of Mathematics to study for Honors. In order to be eligible for participation in this program, a student's scholastic standing in terms of grade points shall not be less than 3.0 in general average and not less than 3.0 in all mathematics courses completed. The following mathematics courses on the upper level must be completed with a "B" or better by the time recommended on the curriculum sequence: MATH 312; 341; 343; 413; 451 or 452; 479. It is recommended that both MATH 451 and MATH 452 be completed.

MATHEMATICS HONOR SOCIETY

Pi Mu Epsilon is the mathematics honor society. To be eligible,

one must be a junior having a 3.00 GPA overall with a 3.00 GPA in mathematics, or a sophomore who has maintained a 4.00 GPA in at least fifteen (15) hours of mathematics courses, as well as having an overall GPA of at least 3.00. MATH 215 is the lowest numbered course which may be used in the GPA computation.

A SUGGESTED COURSE SEQUENCE FOR MATHEMATICS MAJORS

Advisors will help you select courses for your first year. They will use the record of courses taken previously, test scores, and your expressed interests. The outline is a guide, not a rigid pattern. As you become better informed of the opportunities that exist for graduate study and/or employment after graduation, consult advisors on how adaptations might be made in your plan of studies.

MATHEMATICS COURSE OFFERINGS

MATH 010, 020, 030, 040 Cooperative Work Program - *0 Credit.*

MATH 106 FUNDAMENTALS OF MATHEMATICS - *Three hours; 3 credits.* This is a beginning algebra course. Topics include numbers, algebraic expressions, polynomials, exponents, radicals, linear equations and quadratic equations. This course does not count towards graduation. Freshman studies sections meet five hours. (FALL/SPRING).

MATH 107 THE NUMBER SYSTEMS - *Three hours; 3 credits.* This is a concept-building course. It studies the structure of the following number systems: the counting numbers, the whole numbers, the integers, the fractions and the rational numbers, i.e. the meanings of the various types of numbers and of addition, subtraction, multiplication, division and less than, together with their interrelationships; and methods for transmitting the concepts to children. This course is restricted to elementary education majors, unless departmental permission is given. (FALL/SPRING).

MATH 108 GEOMETRY AND MEASUREMENT - *Three hours; 3 credits.* This is a concept-building course. Topics discussed include: parallelism, perpendicularity, congruence, basic ruler-and-compass constructions, basic geometric transformations, similarity and proportion, and an introduction to geometric proof. Other topics include: linear, area, volume and angular measurement; approximation, precision and accuracy; and the derivation of certain formulas for area and volume; and methods for transmitting these concepts to children. **Prerequisite:** MATH 107 with a grade of "C" or better. This course is restricted to elementary education majors unless departmental permission is given. (FALL/SPRING).

MATH 109 MATHEMATICS FOR THE LIBERAL ARTS - *Four hours; 4 credits.* A course designed to help students develop an understanding of the role of mathematics in modern society. It also provides practice in the application of elementary mathematical skills and concepts to real life problems. Topics to be discussed include sets, logic,
numbers, algebra, geometry, statistics, and consumer mathematics. Optional topics are probability and computers. (FALL/SPRING).

MATH 110 ALGEBRA, FUNCTIONS, AND ANALYTIC GEOMETRY - *Three hours; 3 credits.* This is a concept-building course. Topics discussed include: algebra as an abstraction from arithmetic; equations and functions and their relationships and differences; inequalities; the Cartesian coordinate system as a link between algebra and geometry; the linkage between certain geometric objects and their algebraic counterparts; and methods for transmitting these concepts to children. **Prerequisite:** Math 108 with a grade of "C" or better. This course is restricted to elementary education majors unless departmental permission is given. (FALL/SPRING).

MATH 112 HONORS MATHEMATICS FOR THE LIBERAL ARTS - *Four hours, 4 credits.* This course is designed to help honors students develop an understanding of the role of mathematics in modern society. It also provides practice in the application of elementary mathematical skills and concepts to real-life problems. Topics to be discussed include sets and logic, numbers, algebra, geometry, statistics, and consumer mathematics. Other topics include probability and computers. Students may not receive credit for both MATH 109 and MATH 112. (FALL/SPRING).

MATH 113 INTRODUCTION TO MATHEMATICAL ANALYSIS I - *Four hours; 4 credits.* This is the first half of a unified course in algebra, trigonometry, and analytic geometry. Topics to be discussed include: fundamentals of algebra, functions and graphs, ex- ponential and logarithmic functions, analytic geometry, and introduction to the conic sections. (FALL/SPRING).

MATH 114 INTRODUCTION TO MATHEMATICAL ANALYSIS II - *Four hours; 4 credits.* This course is a continuation of Mathematics 113. Topics discussed include: analytic geometry, systems of equations and inequalities, coordinate geometry in the plane, conic sections, polar coordinates and parametric equations, sequences and series, and limits and continuity. **Prerequisite:** MATH 113 with a grade of "C" or better. (FALL/SPRING).

MATH 118 FINITE MATHEMATICS - *Three hours; 3 credits.* This course is designed to cover the following topics: statement calculus, set operations, counting prin- ciples, probability, statistics, matrices, systems of linear equations and inequalities, and linear programming with
applications involving optimization utilizing the simplex method. **Prerequisite:** MATH 113 with a grade of "C" or better. (FALL/ SPRING).

MATH 120 AN INTRODUCTION TO PROBABIL- ITY AND DECISION MAKING - *Three Hours; 3 credits.* This is a first course in probability theory and should

be of interest to students with little mathematical background. The course is intended to expose majors in psychology, sociology, biology, chemistry, physics, business administration, political science as well as mathematics to sound decision making in their respect- ive fields. **Prerequisite:** MATH 113 or MATH 141 with a grade of "C" or better. (FALL/SPRING).

MATH 126 ANALYTIC GEOMETRY - *Four hours; 4 credits.* This course is designed to cover the following topics: two and three dimensional rectangular coordinate systems, lines and conic sections, translations and rotation of axes, parametric equations of loci, surfaces and solids in 3- dimensions. **Prerequisite:** MATH 113 with a grade of "C" or better, or departmental permission. (FALL/SPRING).

MATH 130 INTRODUCTION TO ACTUARIAL SCIENCE – *Two hours; 2 credits.* This course is an introduction to Actuarial Science from the point of view of practicing life insurance, casualty insurance and interaction with professionals; theory of interest; applications of calculators and computers to problems involving interest theory; guidance on program and curriculum requirements. **Prerequisite:** MATH 113 with a grade of "C" or better or departmental permission. (FALL/SPRING).

MATH 141 PRECALCULUS - *Four hours; 4 credits.* A course designed to cover the following topics: review of algebra, trigonometry, and analytic geometry; equations and inequalities; sequences and series; functions and relations including algebraic, logarithmic, exponential, and trigonometric functions; analytic geometry including conic sections and parametric equations. **Prerequisite:** Departmental Permission. (FALL/SPRING).

MATH 201 CALCULUS FOR NON-SCIENCE MAJORS - *Three hours; 3 credits.* This course discusses the basic concepts of calculus including functions, limits, continuity, and techniques of differentiation, with applications to the managerial, life, and social sciences. Topics include also an introduction to the techniques of integration with applications, and multivariable calculus. **Prerequisite:** MATH 113 with a grade of "C" or better. (FALL/SPRING).

MATH 205 PROBABILITY, STATISTICS AND DISCRETE MATHEMATICS - *Three hours; 3 credits.* This is an introductory course in probability and statistics. Topics include: basic counting techniques, basic probability and statistics, basic logic, set theory and an introduction to algorithms. **Prerequisite:** Math 110 with a grade of "C" or better. This course is restricted to elementary education majors unless departmental permission is given. (FALL/SPRING).

MATH 215 FOUNDATIONS FOR ADVANCED MATHEMATICS I - *Three hours; 3 Credits.* Basic logic, axiomatic treatment of sets, construction of the real number system from the Zermelo-Frankel axioms of set theory. **Prerequisite:** Departmental Permission. (FALL).

MATH 216 FOUNDATIONS FOR ADVANCED MATHEMATICS II - *Three hours; 3 credits.* Topics to be discussed include graph theory, techniques for proving algorithm and program correctness, formal languages and formal machines, complexity of algorithms, coding theory, Boolean algebra and logic networks. **Prerequisite:** MATH 215 with a grade of "C" or better. (SPRING).

MATH 241 CALCULUS I - *Four hours; 4 credits.* Topics to be discussed include limits and continuity of real functions of one variable; differentiation and anti- differentiation of algebraic, trigonometric, exponential, and logarithmic functions; the chain rule, the Rolle's Theorem, and the Mean Value Theorem; applications of differentiation to various problems including optimization problems and curve sketching; and an introduction to definite and indefinite integrals. **Prerequisite:** MATH 114 or MATH 141 with a grade of "C" or better or departmental permission. (FALL/SPRING).

MATH 242 CALCULUS I I - *Four hours; 4 Credits.* This course is the continuation of MATH 241 and is designed to cover the following topics: definite integrals and their applications, fundamental theorem of calculus, techniques of integration, approximate integration, and improper integrals. Integrals yielding inverse trigonometric functions, infinite sequences and series, and other topics are also discussed. **Prerequisite:** MATH 241 with a grade of "C" or better or departmental permission. (FALL/SPRING).

MATH 243 CALCULUS III - *Four hours; 4 credits.* Topics to be discussed include partial differentiation, directional derivatives, gradients and line integrals, multiple integrals, applications, Green's Theorem and Stokes' Theorem. **Prerequisite:** MATH 242 with a grade of "C" or better. (FALL/ SPRING).

MATH 298 HONORS SEMINAR I - *One hour; 1 credit.* This course is designed to introduce the honors student to deductive reasoning. The seminar will feature a mix of outside speakers, faculty speakers and student presentations. These talks and presentations will highlight the use of deductive reasoning in mathematics. The student will write a paper that illustrates the use of deductive reason- ing in an elementary setting. (OFFERED AS NEEDED).

MATH 299 HONORS SEMINAR II - *One hour; 1 credit.* This course is designed as a continuation of MATH 298; therefore it continues the process of intro- ducing the student to deductive reasoning. The seminar will feature a mix of outside speakers, faculty speakers and student presentations. These talks and presentations will highlight the use of deductive reasoning in mathematics. The student will write a paper that illustrates the use of deductive reasoning in an elementary setting and will be required to give an oral presentation to the class in MATH 298 when both seminar

courses are offered in the same semester.(OFFERED AS NEEDED).

MATH 300 INDEPENDENT STUDY IN MATHEMATICS I - *Three hours; 3 credits.* Under this heading, a student may agree to a course with a particular faculty member on a topic not covered in the regular curriculum. The arrangements must be made with the faculty member and approved by the Department Chair before the student registers for the course. (OFFERED AS NEEDED).

MATH 312 LINEAR ALGEBRA I - *Three hours; 3 credits.* This course is designed to cover the following topics: a study of linear transformations and matrices, vector spaces, eigenvalues and canonical forms and other topics as time permits. **Prerequisite:** MATH 241 with a grade of "C" or better. (FALL/SPRING).

MATH 313 LINEAR ALGEBRA II - *Three hours; 3 credits.* This is a follow-up course to MATH 312. Special topics, applied and abstract, are studied. These topics include Hermitian Matrices, Quadratic Forms, Positive Definite Matrices, Canonical Forms, and other applications as time permits. **Prerequisite:** MATH 312 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 322 SOLID ANALYTIC GEOMETRY - *Three hours; 3 credits.* This course is designed to use matrix theory and vector algebra to discuss the following topics: lines, planes and transformation of coordinates in space; quadric surfaces, the general equation of the second degree,
and properties of quadrics. **Prerequisite:** MATH 242 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 331 APPLIED PROBABILITY AND STATISTICS – *Three hours; 3 credits.* This is a first course in statistics with emphasis on applications in engineering and the sciences, including the role of statistics in quality control, descriptive statistics, basic probability, discrete and continuous probability models, sampling distributions, drawing inferences from population samples via estimation and significance tests, brief exposure to regression and analysis of variance. Students are required to complete computer projects using statistical software systems. **Prerequisite:** MATH 242 with a grade "C" or better. (FALL/SPRING).

MATH 333 APPLIED REGRESSION, CORRELA- TION, AND TIME SERIES ANALYSIS – *Three hours; 3 credits.* This course represents a study of relationships among variables, including linear regression with one or more variables, methods of estimating parameters and testing hypothesis, selection of independent variables, time series, and other topics. Students are required to complete computer projects using statistical software systems. **Prerequisite:** MATH 331 with a grade of "C" or better. (FALL).

MATH 334 APPLIED ANALYSIS OF VARIANCE – *Three hours; 3 credits.* This course is designed to cover a study of relation between a dependent variable and one or more independent variables. It will study quantitative or qualitative attributes of data without requiring assumption about the nature of the statistical relation. The course will emphasize single and multifactor models analysis, analysis of factor effects, implementation of models, analysis of variance, and analysis of covariance. Students are required to complete computer projects using statistical software systems. **Prerequisite:** MATH 331 with a grade of "C" or better or departmental permission. (FALL/SPRING).

MATH 337 NONPARAMETRIC STATISTICAL METHODS - *Three hours; 3 credits.* This course empha- sizes an applied study of many of the popular nonparametric tests that do not require the knowledge of the population in question. It emphasizes procedures that utilize data from a single sample, or two or more independent and related samples. The course will also cover Chi-square tests of independence, homogeneity, goodness-of-fit, rank correlation, and other measures of association, including exposure to loglinear-logit analysis of categorical data. Students are required to complete computer projects using statistical software systems. **Prerequisite:** MATH 331 with a grade of "C" or better or departmental permission. (FALL).

MATH 339 SURVEY SAMPLING TECHNIQUES - *Three hours; 3 credits.* This course will cover methods of designing and interpreting survey investigations with emphasis on simple random, stratified, systematic, cluster and double sampling from populations to determine un- certainties. In addition, it will cover construction of sample frames, sampling for estimating proportions, means and variances, sample size determination, computer scoring, and analysis of questionnaire data. Students are required to complete computer projects using statistical software sys- tems. **Prerequisite:** MATH 331 with a grade of "C" or bet- ter or departmental permission. (OFFERED AS NEEDED).

MATH 340 INTRODUCTION TO DIFFERENTIAL EQUATIONS - *Three hours; 3 credits.* This is a first course dealing with methods of solving ordinary differ- ential equations (ODE) with modeling applications. The following topics are included: first order ordinary differential equations, second and higher order linear ordinary differential equations, (homogeneous and non-homogeneous), Laplace Transforms, systems of linear ordinary differential equations. **Prerequisite:** MATH 242 with a grade of "C" or better. (FALL/SPRING).

MATH 341 ADVANCED CALCULUS I - *Three hours; 3 credits.* This course discusses in a rigorous manner the following topics: topology of the real line, sequences of real numbers, theory of limits and continuity, theory of differentiation and integration of functions of one variable, infinite series. **Prerequisites:** MATH 216 and MATH 242 with a grade of "C" or better or departmental permission. (FALL/SPRING).

MATH 342 ADVANCED CALCULUS II - *Three hours; 3 credits.* This course is a continuation of MATH 341. The following topics will be covered: sequences of functions, improper integrals, and functions of several variables. **Prerequisite:** MATH 341 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 343 COMPLEX VARIABLES – *Three hours; 3 credits.* This course is designed as a study of functions of a complex variable. Topics are: elementary functions, analytic functions, Cauchy-Riemann equations, harmonic functions, contour integral, Cauchy-Goursat Theorem, Cauchy integral formula, Maximum modulus theorem, poles and residues, Laurent series, conformal mapping. **Prerequisite:** MATH 341 with a grade of "C" or better. (SPRING).

MATH 345 MATHEMATICS FOR INSURANCE AND INVESTMENT – *Three hours; 3 credits.* This course is designed to cover the following topics: theory of life insurance, life annuities, premiums, financial derivatives and related fields, with emphasis on applications of current insurance and investment principles, exposure to health, disability, long-term care and property/casualty insurance, presentations by speakers and stock market labs. **Prerequisite:** MATH 331 with a grade of "C" or better or departmental permission. (OFFERED AS NEEDED).

MATH 346 FINANCIAL MATHEMATICS – *Four hours; 4 credits.* This course provides an understanding of financial mathematics and financial economics as well as their applications to real world business situations and risk management. Provides preparation for the Society of Actuaries/Casualty Actuarial Society (SOA/ CAS) Actuarial Exam FM/2. **Prerequisite:** MATH 242 with a grade of "C" or better. (FALL).

MATH 352 NUMERICAL ANALYSIS – *Three hours; 3 credits.* This course is designed to cover the following topics: methods of deriving numerical results for mathematical procedures with attention given to the precision of the results. Computer programming techniques will also be included. **Prerequisite:** MATH 242 with a grade of "C" or better. (FALL).

MATH 361 INTRODUCTION TO MATHEMATICAL MODELING - *Three hours; 3 credits.* This course is an introduction to the basic principles of formulation, analysis, and simulation of mathematical models. Deterministic, dynamic, and stochastic models will be discussed. **Prerequis- ite:** MATH 242 with a grade of "C" or better. (SPRING).

MATH 363 ACTUARIAL AND STOCHASTIC MODELING I – *Three hours; 3 credits.* This course develops mathematical models for analyzing fluctuations in stock market indices, interest rates, weekly insurance claims, inventory levels, and many other random phe- nomena. It is restricted to systems that can be modeled as discrete time Markov Chains. **Prerequisite:** MATH 312 and MATH 331 with a grade of "C" or better. (FALL).

MATH 364 ACTUARIAL AND STOCHASTIC MOD-ELING II – *Three hours; 3 credits.* This course deals with continuous time Markov chains. These chains are used to model the behavior of queuing systems like wait- ing lines at bank teller windows, restaurants, and tele- phone call centers. The course also develops continuous time models for analyzing other random fluctuations. In particular, it develops the Black-Scholes model for pricing stock options, and the stochastic calculus used for pricing insurance premiums and annuity products. **Prerequisite:** MATH 363 with a grade of "C" or better or departmental permission. (SPRING)

MATH 371 HISTORY OF MATHEMATICS - *Three hours; 3 credits.* Topics include the origins of the concepts of numbers, algebra, geometry, applied arith- metic. The contributions of famous 19th and 20th century mathematicians will also be discussed. (FALL).

MATH 390 SPECIAL TOPICS IN MATHEMATICS I - *3 hours; 3 credits.* Under this heading, courses on topics and applications not covered in the regular curriculum or that span several areas of mathematics will be offered. (OFFERED AS NEEDED).

MATH 399 MATHEMATICS IN AFRICAN CULTURE - *Three hours; 3 credits.* This course is an introductory look at the relationship between mathematics and culture. Specific attention will be given to the African expression and development of certain mathematical ideas. (OFFERED AS NEEDED).

MATH 400 INDEPENDENT STUDY IN MATHEM-ATICS II - *Three hours; 3 credits.* Under this heading, a student may agree to a course with a particular faculty member on a topic not covered in the regular curriculum. The arrangements must be made with the faculty member and approved by the department chair before the student registers for the course. (OFFERED AS NEEDED).

MATH 401 GROUPS AND GEOMETRY - *Three hours; 3 credits.* This course is an introduction to group theory, geometry of complex numbers, symmetries of the plane and two-dimensional crystallographic groups. These topics demonstrate the unity of mathematics and help students develop proof techniques. **Prerequisites:** MATH 243 and MATH 312 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 413 ALGEBRAIC STRUCTURES I - *Three hours; 3 credits.* This course is designed to cover the following topics: elementary theory of groups, rings, in- tegral domains, fields and ideals. An introduction to polynomials and matrices over a field will be considered. **Prerequisite:** MATH 215 or MATH 312 with a grade of "C" or better or Departmental Permission. (FALL)

MATH 414 ALGEBRAIC STRUCTURES II - *Three hours; 3 credits.* A continuation of MATH 413. Topics drawn from Galois theory, Sylow theory, finite abelian groups, and applications. **Prerequisite:** MATH 413 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 415 INTRODUCTION TO DIFFERENTIAL GEOMETRY - *Three hours; 3 credits.* This course deals with differential geometry of curves and surfaces, curvature and geodesics and an introduction to n-dimensional Riemannian manifolds. Multivariable calculus is used to study geometry. This central subject in modern mathematics underlies Einstein's relativity theory and modern string theory in physics. **Prerequisites:** MATH 243, MATH 312 and MATH 340 with a grade of "C" or better. (FALL/SPRING).

MATH 419 COMBINATORICS AND GRAPH THEORY - *Three hours; 3 credits.* General enumeration methods, difference equations, and generating functions. Elements of graph theory including transport networks, matching theory, and graph algorithms. **Prerequisite:** MATH 215 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 421 HIGHER GEOMETRY - *Three hours; 3 credits.* This course introduces the student to projective, advanced Euclidean and non-Euclidean geometries and is designed to cover the following topics: transformation theory, projective theory of conics, Desargues' Theorem, duality, projective, parabolic, hyperbolic, and elliptic geometries. **Prerequisite:** MATH 242 with a grade of "C" or better, or by permission of the instructor. (SPRING).

MATH 425 INTRODUCTION TO NUMBER THEORY - *Three hours; 3 credits.* Divisibility and primes, congruences, quadratic reciprocity, arithmetic functions, and arithmetic in quadratic fields. **Prerequisite:** MATH 242 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 431 MATHEMATICAL THEORY OF STATISTICS I – *Three hours; 3 credits.* This course is designed to cover the following: general probability, Bayes' Theorem, discrete and continuous random variables, mathematical expectation, moments and moment generating functions, density functions for single and multiple random variables, marginal and conditional probability distributions, some particular distributions, sampling theory and the Central Limit Theorem. **Prerequisite:** MATH 242 with a grade of "C" or better. (FALL).

MATH 432 MATHEMATICAL THEORY OF STATISTICS II – *Three hours; 3 credits.* This course is a continuation of MATH 431. It is designed to cover the following: normal correlation and regression, theory of estimation with emphasis on uniformly minimum un- biased estimators and the maximum likelihood method, theory of hypothesis testing with emphasis on Nyman- Pearson Lemma and the likelihood ratio tests, power function, deriving distributions of one and two random variables, small sample distributions with emphasis on the chi-square, t and F distributions. **Prerequisite:** MATH 431 with a grade of "C" or better. (SPRING).

MATH 433 PROBLEM SOLVING TECHNIQUES AND APPLICATIONS IN PROBABILITY – *Two hours; 2 credits.* The purpose of this course is to teach techniques for problem solving in probability theory, which are relevant to the actuarial sciences. Materials from MATH 331, MATH 337, MATH 431 as well as past Actuarial Exam 1/P exams will be reviewed. These materials will be used to help students acquire a better understanding of what is required of them in the business and actuarial profession. This course is open to all students and highly recommended for all Actuarial Science majors and Mathematics majors (with a concentration in Actuarial Science). **Prerequisites:** MATH 242, MATH 331, MATH 337, MATH 431 with a grade of "C" or better. **Corequisite:** MATH 432. (SPRING)

MATH 435 DESIGN AND ANALYSIS OF EXPERIMENTS – *Three hours; 3 credits.* Modern statistical techniques useful for doing research by experimentation, with emphasis on design of experiments via randomized block designs, nested and partially nested designs, repeated measures designs, latin square designs, factorial designs, fractional factorial designs, response surface methodology. Computer projects via statistical software systems. **Prerequisite:** MATH 432 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 436 QUALITY CONTROL – *Four hours, 4 credits.* Statistical process control, including principles of control charts, control charts for attributes and variables, and special control charts; process capability studies; methods for quality improvement; acceptance sampling, including single, double, sequential and multiple attribute sampling plans, and sampling plans by variables; reliability, life testing and exposure to industrial experimentation. Computer projects via statist- ical software systems. **Prerequisite:** MATH 432 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 440 INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS – *Three hours, 3 credits.* Initial value problems of wave and heat equations, Fourier series and transforms, initial and boundary problems of wave and heat equations, eigenfunction expansions, energy estimates, boundary value problems of Laplace equations, Green functions, variation of calculus, classification of linear second order PDE. **Prerequisites:** MATH 243, MATH 312 and MATH 340 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 450 SENIOR SEMINAR - *Three hours; 3*

credits. Under the direction of a faculty member, the student must write an acceptable mathematics paper. In addition, an oral presentation based on the paper must be made to a departmental audience. **Prerequisite:** Senior standing in the Mathematics Major or departmental permission. (SPRING AND OFFERED AS NEEDED).

MATH 451 HONORS CONFERENCE COURSE - *Three hours; 3 credits.* This course is designed for seniors in the Honors Program and others admitted by the chairperson and is devoted to one or more topics in advanced mathematics. Much of this work is done through independent study with timely conferences with the instructor. **Prerequisite:** Senior standing in the Mathematics Major or departmental permission. (OFFERED AS NEEDED).

MATH 452 HONORS CONFERENCE COURSE - *Three hours; 3 credits.* This course is designed to expose seniors to research in Mathematics. Students will work on research projects with a designated mentor, and present their findings at local and national conferences. **Prerequisite:** MATH 451 with a grade "C" or better. (OFFERED AS NEEDED).

MATH 461 OPERATIONS RESEARCH I - *Three hours; 3 credits.* Linear programming including the simplex method. Transportation, assignment, and trans- shipment problems. Network problems, sensitivity analysis, and a brief introduction to dynamic programming. **Prerequisite:** MATH 312 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 462 OPERATIONS RESEARCH II - *Three hours; 3 credits.* Integer programming, game theory, dynamic programming. Introduction to nonlinear programming. **Prerequisite:** MATH 461 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 479 POINT SET TOPOLOGY - *Three hours; 3 credits.* This course is designed to cover the following topics: point set theory of the line and plane, topological spaces and properties, mappings. **Prerequisite:** MATH 341 with a grade of "C" or better. (FALL/SPRING).

MATH 481 ALGEBRA AND ANALYSIS WITH CONNECTIONS TO GEOMETRY - *Three hours; 3 credits.* This is the first semester of a two-semester capstone course for prospective or experienced secondary school mathematics teachers. The course seeks to bring together most of the mathematical and much of the pedagogical material that the students have learned. It will apply the concepts of geometry, including congruence, symmetry and transformations, distance and similarity, trigonometry, area and volume to analysis and algebra. The course will also explore the concept of an axiomatic system. **Prerequisite:** Senior standing in the Mathematics Major. (OFFERED AS NEEDED).

MATH 482 GEOMETRY WITH CONNECTIONS TO ALGEBRA AND ANALYSIS - *Three hours; 3 credits.* This is the second semester of a two-semester capstone course for prospective or experienced secondary school mathematics teachers. The course seeks to bring together most of the mathematical and much of the pedagogical material that the students have learned. It will apply the concepts of the Real and Complex Number Systems, Functions and Equations to other concepts in mathematics including geometry. It will draw together ideas on the structure of number systems learned in various courses and show their connections to topics taught in high school. **Prerequisite:** MATH 481 with a grade of "C" or better. (OFFERED AS NEEDED).

MATH 490 SPECIAL TOPICS IN MATHEMATICS II - *Three hours; 3 credits.* Under this heading, courses on topics and applications not covered in the regular curriculum or that span several areas of math- ematics will be offered. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
DEPARTMENT OF MATHMATICS
BACHELOR OF SCIENCE DEGREE IN MATHEMATICS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC	English	3
XXXX-SB	Social & Behavioral Science Core	3
MATH 215- MQ	Foundations of Advanced Math	3
MATH 241	Calculus I	4
ORNS 106	Freshman Orientation	1
		14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC	English	3
XXXX-HH	Health & Healthful Living	3
XXXX-SB	Social & Behavioral Science Core	3
MATH 216	Foundations of Advanced Math II	3
MATH 242	Calculus II	4
PHEC XXX	Physical Education Elective	1
		17

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX-AH	Arts & Humanities Core	3
MATH 243	Calculus III	4
PHIL 109-CT	Introduction to Logic	3
PHYS 205-BP	University Physics	5
		15

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX- BP	Biological & Physical Sci.	4
XXXX-AH	Arts & Humanities Core	3
MATH 312	Linear Algebra	3
PHYS 206	University Physics II	5
		15

JUNIOR YEAR (FIRST SEMESTER)

MATH 340	Introduction to Differential Eq.	3
MATH 341	Advanced Calculus	3
MATH 413	Algebraic Structures	3
MATH 431	Mathematical Theory of Stat.	3
XXXX-SB	Social & Behavioral Science Core	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST 350-CI	Intro to African Diaspora	3
MATH 343	Complex Variables	3
MATH 479	Point Set Topology	3
XXXX – IM	Info. Tech & Media Lit. Core	3
XXXX	Advised Elective	3
		15

SENIOR YEAR (FIRST SEMESTER)

MATH XXX	Math Elective	3
MATH XXX	Math Elective	3
XXXX	Social & Behavioral Science Elec	6
XXXX	Complementary Studies	3
		15

SENIOR YEAR (SECOND SEMESTER)

MATH 450	Senior Seminar	3
XXXX	Free Elective	5
XXXX	Complementary Studies	3
MATH XXX	Math Elective	3
		14

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF MATHMATICS
BACHELOR OF SCIENCE DEGREE IN MATHEMATICS
STATISTICS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC	English	3
XXXX-HH	Health & Healthful Living	3
XXXX-SB	Social & Behavioral Science Core	3
MATH 215- MQ	Foundations of Advanced Math	3
MATH 241	Calculus I	4
ORNS 106	Freshman Orientation	1
		17

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC	English	3
XXXX-SB	Social & Behavioral Science Core	3
MATH 216	Foundations of Advanced Math II	3
MATH 242	Calculus II	4
PHEC XXX	Physical Education Elective	1
		14

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX-AH	Arts & Humanities Core	3
MATH 243	Calculus III	4
PHIL 109-CT	Introduction to Logic	3
PHYS 205-BP	University Physics	5
		15

SOPHOMORE YEAR (SECOND SEMESTER)

XXXX- BP	Biological & Physical Sci.	4
XXXX-AH	Arts & Humanities Core	3
MATH 312	Linear Algebra	3
PHYS 206	University Physics II	5
		15

JUNIOR YEAR (FIRST SEMESTER)

MATH 331	Applied Probability and Statistics	3
MATH 340	Introduction to Differential Eq.	3
MATH 341	Advanced Calculus	3
MATH 431	Mathematical Theory of Stat.	3
XXXX	Social & Behavioral Science Elec.	3
		15

JUNIOR YEAR (SECOND SEMESTER)

HIST 350-CI	Intro to African Diaspora	3
XXXX	Humanities Elective	3
MATH 333	Applied Regress & Cor. Ana.	3
MATH 432	Math Theory Statistics	3
MATH 479	Point Set Topology	3
		15

SENIOR YEAR (FIRST SEMESTER)

MATH 337	Non Para. Stat. Method	3
MATH 413	Algebraic Structures	3
XXXX	Free elective	6
XXXX	Complementary Studies	3
		15

SENIOR YEAR (SECOND SEMESTER)

MATH XXX*	Restricted Elective	3
MATH 343	Complex Variables	3
MATH 450	Senior Seminar	3
XXXX	Complementary Studies	3
XXXX	Free Elective	2
		14

Restricted Elective courses: Math 334,345,435 or 436

TOTAL CREDIT HOURS 120

THE ACTUARIAL SCIENCE PROGRAM

(under the auspices of the Mathematics Department)

Director: Traci Allotey

Program Mission: The mission of the Morgan State University Actuarial Science Program is to increase the number of highly qualified students, especially among underrepresented populations, entering careers in actuarial and actuarial-related fields by encouraging the development and use of statistics, probability, decision-making and risk management.

Actuarial Science is the discipline that applies mathematical and statistical methods to assess risk of events occurring and help formulate policies that minimize risk and its financial impact on companies and clients. Actuaries find employment with insurance companies, government agencies, human resources departments of large corporations, hospitals, accounting and consulting firms as well as with banks and investment firms.

The Actuarial Science Program at Morgan State University is the only formalized Actuarial Science Program in the state of Maryland approved by Maryland Higher Education Commission (MHEC). It uniquely incorporates the disciplines of Mathematics, Finance, Accounting and Economics to create a synergistic program that fully equips our graduates for the workforce. The program offers a Bachelor of Science in Actuarial Science, a Bachelor of Science in Mathematics with a concentration in Actuarial Science as well as a minor in Actuarial Science. The curricula for these programs include courses approved by the Society of Actuaries (SOA) to fulfill the Validation by Educational Experience credits and courses covering the learning objectives described in the SOA Basic Education Catalogue for Preliminary Actuarial Examination Probability (P), Financial Mathematics (FM), Financial Economics (MFE), Life Contingencies (MLC) and Construction and Evaluation of Actuarial Models (C). Full and partial tuition scholarships are available through the Actuarial Science Program for students who qualify. The program encompasses extensive exam prep for actuarial exams and valid internship experience will also be made available to students.

Program Requirements: Retention in the Actuarial Science Program requires students pursuing any of the offered major, concentration or minor degree options to maintain a cumulative GPA of 2.50, or higher. Any student whose GPA drops below 2.50 may be dropped from the program and may not take additional actuarial science courses. To qualify for graduation with a major, concentration or minor in actuarial science, students must have outstanding grades below "C" in the major/concentration/minor (which includes all courses required for the major/concentration/minor and required supporting courses).

Major Requirements: Students must have completed all Validation by Educational Experience (VEE) requirements for Applied Statistical Methods, Corporate Finance and Economics; students must sit in on at least one of the Society of Actuaries' examinations before graduation; and must prepare and present a senior thesis on an insurance/ actuarial science-related topic that will be conducted under the supervision of a qualified faculty member and/ or professional actuary. Students will give an oral presentation of their research to the Mathematics Department and School of Computer, Mathematical and Natural Sciences. Students may be able to substitute their senior thesis for a full technical report and presentation on an internship experience where students were immersed in the capacity of an actuarial science analyst or job-specific trainee.

School Requirements: In addition to meeting University, General Education and major requirements, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical and Natural Sciences (SCMNS). Additionally, in order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination, as well as the Speech and Writing Proficiency Examinations; students must have taken all of their junior- and senior- level actuarial science requirements in the Major at Mor- gan State University (unless granted prior written permis- sion by the Dean of SCMNS to take courses elsewhere).

Upon successful completion of this four-year program, the student is awarded the B.S. Degree in Actuarial Science by Morgan State University.

THE MAJOR IN ACTUARIAL SCIENCE

REQUIRED COURSES FOR A MAJOR IN ACTUARIAL SCIENCE

Entering students should select all their courses in consultation with the Director of the Actuarial Science Program.

Students majoring in Actuarial Science must meet the following requirements:

Course	*Description*	*Credits*
	FOR GENERAL EDUCATION *	
MATH 241	Calculus I	4
INSS 141	Digital Literacy & App Software	3
MAJOR REQUIREMENTS		
MATH 130	Introduction to Actuarial Science	3
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 312	Linear Algebra I	3
MATH 331	Applied Probability and Statistics	3
MATH 333	Applied Regression, Correlation & Time Series Analysis**	3
MATH 337	Nonparametric Statistical Methods	3
MATH 340	Intro to Differential Equations	3
MATH 346	Financial Mathematics	4
MATH 363	Actuarial and Stochastic Modeling I	3
MATH 364	Actuarial and Stochastic Modeling II	3

MATH 431	Mathematical Theory of Statistics I	3
MATH 432	Mathematical Theory of Statistics II	3
MATH 433	Problem Solving Techniques and Applications	2
MATH 45X (CHOOSE ONE COURSE)		3
MATH 450 Senior Seminar (directed reading in AS)		
MATH 451 Honors Conference Course		
MATH 452 Conference Seminar		
ACCT 201	Principles of Accounting I	3
ACCT 202	Principles of Accounting II	3
ECON 211	Principles of Economics I Macroeconomics)**	3
ECON 212	Principles of Economics II (Intro to	
FIN 343	Managerial Finance**	3
FIN 344	Security Analysis**	3
FIN 422	Portfolio Management**	3
BUAD 361	Fundamentals of Risk Management	3
BUAD 362	Life and Health Insurance	3
TOTAL CREDITS	**80**	

* Actuarial Science majors must select this course to fulfill the Mathematics requirements under General Education.
** Validation by Educational Experience (VEE) course.

THE MAJOR IN MATHEMATICS (ACTUARIAL SCIENCE TRACK)
REQUIRED COURSES FOR A MAJOR IN MATHEMATICS (ACTUARIAL SCIENCE TRACK)

Students majoring in Mathematics (Actuarial Science Track) must meet the following requirements:

Course	***Description***	***Credits***
FOR GENERAL EDUCATION*		
MATH 215	Foundations for Advanced Math	
INSS 141	Intro to Comp Sys.	3
FOR THE MAJOR		
MATH 130	Introduction to Actuarial Science	2
MATH 216	Foundations for Advanced Math matics II	3

Exam FM: Financial Mathematics (2.5 hours) MATH 346 (You should take this class in the spring followed by the exam in May)

Exam MFE: Financial Economics (2.5 hours)
BUAD 361, FIN 423

Exam MLC: Life Contingencies (3 hours)
MATH 363, MATH 364, BUAD 362

Exam C: Construction and Evaluation of Actuarial Models (4 hours)
MATH 333, MATH 363, MATH 364, MATH 432

NOTE: *The CAS has its own third exam. They will accept the SOA Exams MFE + MLC, but NOT vice versa.*

COURSES APPROVED FOR VALIDATION BY EDUCATIONAL EXPERIENCE (VEE) CREDIT BY THE SOCIETY OF ACTUARIES (SOA)

VEE- Corporate Finance: FIN 343 Managerial Finance FIN 344 Security Analysis **Or**
FIN 343 Managerial Finance FIN 422 Portfolio Management

VEE-Applied Statistical Methods- Time Series: MATH 333 Applied Regression, Correlation and Time Series Analysis
Or
ECON 414 Econometrics

VEE- Economics:
ECON 211 Principles of Economics (Micro) ECON 212 Principles of Economics (Macro) **Or**
ECON 317 Intermediate Economics (Micro) ECON 318 Intermediate Economics (Macro)

(The Society of Actuaries strongly recommends students complete as many VEE courses as they can before graduation. Students will receive credit for VEE courses completed with a grade of B or higher after they have passed Exam 1/P and Exam 2/FM).

THE MINOR IN ACTUARIAL SCIENCE
The Actuarial Science Minor allows students from all disciplines to follow a particular sequence of courses that will afford them a well-rounded academic experience in Mathematics, Statistics, Finance and Economics. This minor gives students the opportunity to explore the actuarial science field and the flexibility to apply decision-making, risk assessment and management concepts within their discipline and chosen careers. Additionally, the courses within the minor will help students understand many of the concepts covered in the first two actuarial exams (P/ 1 and FM/2). Additionally, many of the courses in the minor meet VEE requirements. Taking these courses while at Morgan State University means that students will not have to take them somewhere else after they graduate.

ALL STUDENTS MUST MEET WITH THE DIRECTOR OF THE ACTUARIAL SCIENCE PROGRAM FOR ADVISEMENT TO ENROLL I N THE ACTUARIAL SCIENCE MINOR.

MORGAN STATE UNIVERSITY
DEPARTMENT OF MATHMATICS
ACTUARIAL SCIENCE MAJOR
CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC	Freshman Composition I	3
XXXX-SB	Social & Behavioral Sciences	3
ACSC 130	Intro to Actuarial Science	3
INSS 141-IM	Digital Lit & App Software	3
MATH 241-MQ	Calculus I	4
ACSC 105	ACSC Prof Dev Intro I	0
		16

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC	Freshman Composition II	3
PHIL 109-CT	Intro to Logic	3
ACCT 201	Prin. of Acct I	3
MATH 242	Calculus II	4
XXXX-HH	Health & Healthful Living	3
ACSC 106	ACSC Prof Dev Intro II	0
		16

SOPHOMORE YEAR (FIRST SEMESTER)

MATH 243	Calculus III	4
MATH 312	Linear Algebra I	3
XXXX-AH	Arts & Humanities	3
ACCT 202	Prin of Acct II	3
XXXX	Complementary Studies	3
ACSC 205	ACSC Prof. Dev. Inter I	0
		16

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 331	App Probability & Stat.	3
XXXX	Complementary Studies	3
ECON 211-SB	Principles of Economics	3
ACSC 346	Financial Mathematics	4
XXXX-AH	Arts & Humanities	3
ACSC 206	ACSC Prof. Dev Inter II	0
		16

JUNIOR YEAR (FIRST SEMESTER)

ECON 212	Principles of Economics II	3
FIN 343	Managerial Finance	3
XXXX-BP	Intro Biology I or II	4
MATH 431	Math Theory of Stats I	3
MATH 337	Non Para Stat Methods	3
ACSC 305	ACSC Prof Dev Adv I	0
		16

JUNIOR YEAR (SECOND SEMESTER)

PHYS 205-BP	University Physics	5
MATH 433	Prob. Solving Tech & Apps	2
MATH 432	Math Theory of Stats II	3
BUAD 361	Fund of Risk Mgmt	3
PHEC XXX	Physical Education Elective	1
ACSC 306	ACSC Prof Dev Adv II	0
		14

SENIOR YEAR (FIRST SEMESTER)

MATH 333	App Reg & Time Analysis	3
FIN 344	Security Analysis	3
MATH 363	Act & Stochastic Models I	3
HIST 350-CI	Intro to African Diaspora	3
ACSC 405	ACSC Prof Dev Senior I	1
		13

SENIOR YEAR (SECOND SEMESTER)

BUAD 362	Life & Health Insurance	3
MATH 450/490	Senior Sem/ACSC Research	3
MATH 340	Intro to Diff Equations	3
MATH 364	Act & Stochastic Model II	3
ACSC 406	ACSC Prof Dev Senior II	1
		13

TOTAL CREDIT HOURS 120

To satisfy the Complementary Studies for the Actuarial Science Degree it is strongly recommended that students complete the following courses:
BUAD 202 Business Leadership Seminar (3), BUAD 381 Legal and Ethical Business (3)

MORGAN STATE UNIVERSITY
DEPARTMENT OF MATHMATICS
ACTUARIAL SCIENCE MAJOR (WITH PURE MATHEMATICS CONCENTRATION)
CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101-EC	Freshman Composition I	3
ACSC 130	Intro to Actuarial Science	3
XXXX-SB	Social & Behavioral Sciences	3
MATH 215	Foundations Advanced Math I	3
MATH 241-MQ	Calculus I	4
ACSC 105	ACSC Prof Dev Intro I	0
		16

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102-EC	Freshman Composition II	3
XXXX-HH	Health & Healthful Living	3
INSS 141-IM	Digital Lit & App Software	3
MATH 242	Calculus II	4
MATH 216	Foundations Advanced Math II	3
ACSC 106	ACSC Prof Dev Intro II	0
		16

SOPHOMORE YEAR (FIRST SEMESTER)

XXXX-BP	Intro Biology I or II	4
MATH 243	Calculus III	4
PHIL 109-CT	Intro to Logic	3
XXXX	Complementary Studies	3
PHEC XXX	Physical Ed Elective	1
ACSC 205	ACSC Prof Dev Inter I	0
		15

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 331	App Probability & Stat	3
ACSC 346	Financial Mathematics	4
ECON 211-SB	Principles of Economics	3
MATH 312	Linear Algebra I	3
ACCT 201	Prin. of Accounting I	3
ACSC 206	ACSC Prof Dev Inter II	0
		16

JUNIOR YEAR (FIRST SEMESTER)

ECON 212	Principles of Economics II	3
XXXX-AH	Arts & Humanities	3
ACCT 202	Prin of Accounting II	3
MATH 333	App Reg, Corr & Time Anal	3
MATH 431	Math Theory Statistics I	3
ACSC 305	ACSC Prof Dev Advance I	0
		15

JUNIOR YEAR (SECOND SEMESTER)

XXXX	Complementary Studies	3
MATH 432	Math Theory Statistics II	3
MATH 341	Adv Calculus I	3
XXXX-AH	Arts & Humanities	3
MATH 433	Prob. Solving Tech & Apps	2
ACSC 306	ACSC Prof Dev Advance II	0
		14

SENIOR YEAR (FIRST SEMESTER)

MATH 337	Non Para Stat Methods	3
XXXX	Advised ACSC Elective	3
FIN 343	Managerial Finance	3
PHYS 205-BP	University Physics	5
ACSC 405	ACSC Prof Dev Senior I	1
		15

SENIOR YEAR (SECOND SEMESTER)

MATH XXX	Math Elective	3
MATH 450/490	Senior Sem/ACSC Research	3
MATH 340	Intro to Diff Equations	3
HIST 350-CI	Intro to African Diaspora	3
ACSC 406	ACSC Prof. Dev. Senior II	1
		13

TOTAL CREDIT HOURS 120

To satisfy the Complementary Studies for the Actuarial Science Degree it is strongly recommended that students complete the following courses:
BUAD 202 Business Leadership Seminar (3), BUAD 381 Legal and Ethical Business (3)

PHYSICS AND ENGINEERING PHYSICS DEPARTMENT

Chairperson: KEITH JACKSON

Professors: DEREJE SEIFU, CONRAD WILLIAMS,

Associate Professors: YUCHENG LAN, ABDELLAH LISFI

Assistant Professors: WINDSOR MORGAN, BIROL OZTURK

Lecturers: ANTONY KINYUA, ARADHYA KUMAR, ROMAN SERBYN

Laboratory Technician:

Store Keeper: JOHNNY NORRIS

Administrative Assistant: CYNTHIA CLEMMONS

Emeritus Professor: JULIUS TAYLOR, FREDERICK OLIVER

Emeritus Associate Professor: EUGENE HOFFMAN

Emeritus Assistant Professor: ERNEST HAMMOND

OBJECTIVES OF THE DEPARTMENT

Physics is the study of the laws of the universe and these laws are expressed using mathematical equations. Courses included in this program are selected with the purpose of providing the student a broad acquaintance with the different fields of physics and familiarity with experimental techniques and skills with scientific instrumentation.

Engineering Physics is a course of study that emphasizes fundamental courses in Physics, Mathematics and Engineering. The curriculum will prepare students to work in areas that require knowledge from several of the traditional Engineering disciplines as well as Physics. Engineering Physics is meant to provide a more thorough grounding in applied physics of any area chosen by the student (such as optics, nanotechnology, mechanical engineering, electrical engineering, control theory, aerodynamics, or solid-state physics). This course of study will also prepare students for graduate study in the Engineering disciplines, as well as Physics.

THE MAJOR IN PHYSICS

School-wide Requirements

In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical, and Natural Sciences (SCMNS). Options for satisfying this requirement are outlined under the section on the SCMNS. In order to qualify for graduation, students must pass the Senior Departmental Comprehensive Examination; must have taken all of their Junior- and Senior-level requirements in the major at Morgan (unless granted written permission by the Department Chair and Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

REQUIRED COURSES FOR THE MAJOR IN PHYSICS

Students majoring in Physics must complete the following required courses:

Course	*Description*	*Credits*
REQUIRED GENERAL EDUCATION COURSES*		
CHEM 105/ 111	(Honors) General Chemistry	4
CHEM 106/ 112	(Honors) General Chemistry and Qualitative Analysis	4
COSC 111	Intro. To Computing (or higher)	4
TOTAL		**12**
REQUIRED FOR THE MAJOR		
PHYS 205	University Physics I	4
PHYS 205L	University Physics Laboratory I	1
PHYS 206	University Physics II	4
PHYS 206L	University Physics Laboratory II	1
MATH 241	Calculus I	4
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 340	Differential Equations	3
PHYS 300	Modern Physics I	3
PHYS 301	Analytical Mechanics I	3
PHYS 302	Analytical Mechanics II	3
PHYS 303	Electricity and Magnetism I	3
PHYS 304	Electricity and Magnetism II	3
PHYS 305	Mathematical Physics I	3
PHYS 406	Mathematical Physics II	3
PHYS 308	Thermodynamics & Stat. Physics	3
PHYS 401	Optics	3
PHYS 408	Quantum Mechanics I	3
PHYS 409	Experimental Physics	3
PHYS 412	Laboratory Use of Computers	3
TOTAL		**61**
ELECTIVES (CHOOSE COURSES TOTALING AT LEAST 6 CREDITS):		
PHYS 306	Electr. for Experimental Physicist	3

MATH 341	Advanced Calculus I	3
EASC 201	Physical Geology	3
EASC 301	Planetary Science	3
CHEM 203/ 205	Organic Chemistry I	5
CHEM 204/206	Organic Chemistry II	5
PHYS 312	Properties of Materials	3
PHYS 410	Techniques and Applications of Radioisotopes	4

Other 300 or 400 level math and science courses approved by academic advisor.

TOTAL CREDITS 79

*Physics majors must select this course to fulfill General Education Requirements in Physical Sciences.

SUGGESTED ELECTIVE COURSES FOR PHYSICS MAJORS INTERESTED IN ATTENDING MEDICAL SCHOOL

Five courses suggested, one as part of the SCMNS Complementary Studies requirement, and four as electives:

PHYS 311 Acoustics and You (3 credits, lecture), which can be taken as part of the SCMNS Complementary Studies requirement
BIOL 105/106, *or* BIOL 111/112 (4 credits lecture and lab) that is, one semester of biology beyond the General Education requirement;
CHEM 203 Organic Chemistry (5 credits lecture and lab) *Please note a full two semesters (one year) of Organic Chemistry with the accompanying laboratory is required for admission to accredited schools of medicine)*
PHYS 326 Biophysics (3 credits lecture)
PHYS 410 Techniques and Applications of Radioisotopes (4 credits lecture and lab) *For students planning to apply to Medical School, Dental School, or Schools of Veterinary Medicine we strongly advise that you take Organic Chemistry series CHEM 203, and CHEM 204 or (HONORS) CHEM 205, and CHEM 206*

SUGGESTED ELECTIVE COURSES FOR PHYSICS MAJORS, INTERESTED IN GRADUATE SCHOOL IN EARTH OR SPACE SCIENCES

Four courses suggested, one as part of the SCMNS requirement, and three as electives:

PHYS 310 Astronomy and Space Science (3 credits, lecture), which can be taken as part of the SCMNS Complementary Studies requirement.
PHYS 312 Properties of Materials (3 credits, lecture)
EASC 201 Physical Geology (3 credits, lecture and lab)
EASC 301 Planetary Science (3 credits, lecture and lab)

FOR THE MINOR IN PHYSICS

PHYS 300	Modern Physics I	3
PHYS 408	QUANTUM MECHANICS I	3
PHYS 409	Experimental Physics	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
TOTAL CREDITS		**18**

THE MAJOR IN ENGINEERING PHYSICS
School-wide Requirements
In addition to meeting the requirements in General Education and in the major, students must also complete six (6) credits in the Complementary Studies Program required of all majors in the School of Computer, Mathematical, and Natural Sciences (SCMNS). Options for satisfying this requirement are outlined under the section on the SCMNS. In order to qualify for graduation, students must pass the Senior Depart-mental Comprehensive Examination; must have taken all of their Junior-and Senior-level requirements in the major at Morgan (unless granted prior written permission by the Dean to take courses elsewhere); and must have earned a cumulative average of 2.0 or better and a major average of 2.0 or better, with no outstanding grades below "C" in the major (which includes all courses required for the major and required supporting courses).

REQUIRED COURSES FOR A MAJOR IN ENGINEERING PHYSICS

Students majoring in Engineering Physics must complete the following required courses:

Course	***Description***	***Credits***
REQUIRED GENERAL EDUCATION COURSES*		
CHEM 110 & 110L	Gen. Chem. For Engineering Students	5
COSC 111	Intro. To Computing (or higher)	4
	TOTAL	**9**

FOR THE MAJOR IN ENGINEERING PHYSICS

PHYS 205	University Physics I	4
PHYS 205L	University Physics Laboratory I	1
PHYS 206	University Physics II	4
PHYS 206L	University Physics Laboratory II	1
MATH 241	Calculus I	4
MATH 242	Calculus II	4

MATH 243	Calculus III	4
MATH 340	Intro. to Differential Equations	3
PHYS 300	Modern Physics I	3
PHYS 301	Analytical Mechanics I	3
PHYS 302	Analytical Mechanics II	3
PHYS 303	Electricity and Magnetism I	3
PHYS 304	Electricity and Magnetism II	3
PHYS 305	Mathematical Physics I	3
PHYS 406	Mathematical Physics II	3
PHYS 308	Heat and Thermodynamics	3
PHYS 312	Properties of Materials	3
PHYS 409	Experimental Physics	3
PHYS 412	Lab use of Microcomputers	3
EEGR XXX	Electronics/Circuits Course	3
XXX	Engineering Science Courses **	3
XXX	Engineering Design Courses **	6
TOTAL		70

TOTAL CREDITS 79

*Engineering Physics majors must select these courses to fulfill General Education Requirements in physical sciences and computer literacy.

**Engineering Science and Design Courses should be selected after consultation with your academic advisor.

SUGGESTED ELECTIVE COURSES FOR ENGINEERING PHYSICS MAJORS, CONSIDERING ATTENDING GRADUATE OR PROFESSIONAL SCHOOLS

EEGR.202 (4 credits) and its lab EEGR.203 (1 credit), rather than EEGR.310 for the Electronics/Circuits requirement.
EEGR.215 (4 credits) as an Engineering Science elective. One of these credits is for laboratory and can be credited toward the Engineering Design requirement.
PHYS.408 Quantum Mechanics I (3 credits lecture) as an extra elective
PHYS 311 Acoustics and You (3 credits, lecture), which can be taken as part of the SCMNS Complementary Studies requirement
PHYS 312 Properties of Materials (3 credits, lecture)
PHYS 410 Techniques and Applications of Radioisotopes (3 credits, lecture)

FOR THE MINOR IN ENGINEERING PHYSICS

PHYS 300	Modern Physics I	3
PHYS 408	QUANTUM MECHANICS I	3
PHYS 409	Experimental Physics	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
PHYS 3XX (or 4XX)	Upper-Level Physics Course	3
TOTAL CREDITS		**18**

COURSE OFFERINGS

PHYS 101 INTRODUCTION TO PHYSICS – *Six hours; 4 credits.* This is a one-semester course exploring concepts in mechanics, heat, sound, optics electricity, magnetism and atomic and nuclear physics. (FALL/SPRING).

PHYS 102 ASTRONOMY – *Two hours lecture; 2 credits.* This is a study of heavenly bodies, constellations, time, celestial navigation and astrophysics. (SPRING).

PHYS 105 ENERGY, TRANSPORTATION AND POLLUTION I – *Three hours; 3 credits.* This is the first of a two-semester sequence designed to discuss humans in relationship to their environment. The course presents physical principles and concepts to aid the student in understanding, assessing and appreciating the environment. (FALL).

PHYS 106 ENERGY, TRANSPORTATION AND POLLUTION II – *Three hours; 3 credits.* This is the second of a two-semester sequence designed to discuss humans in relationship to their environment. The course presents physical principles and concepts to aid the student in understanding, assessing and appreciating the environment. **Prerequisite:** PHYS 105 (SPRING)

PHYS 111 INTRODUCTION TO PHYSICS – *Six hours; 4 credits.* This is a one-semester course exploring concepts in mechanics, heat, sound, optics electricity, magnetism, atomic and nuclear physics for honor students. Several of the laboratories will be computer based. Students will use the web to research many physics topics. Students may not receive credit for both PHYS 101 and PHYS 111. (FALL/SPRING).

PHYS 203 GENERAL PHYSICS: FUNDAMENTAL OF PHYSICS I – *Three hours lecture; 3 credits.* This is a course designed for students in the life sciences. Mechanics, thermodynamics, optics, electromagnetism, atomic and nuclear physics are covered. **Prerequisite:** MATH 114.(FALL/SPRING).

PHYS 203L GENERAL PHYSICS: FUNDAMENTALS OF PHYSICS I LABORATORY – *Two hours laboratory; 1 credit.* This course is designed to be taken concurrently with its lecture counterpart, PHYS 203 (FALL/SPRING)

PHYS 204 GENERAL PHYSICS: FUNDAMENTAL

OF PHYSICS II – *Three hours lecture;3 credits.* This is the second of a two-semester sequence designed for students in the life sciences. Mechanics, thermodynamics, optics, electromagnetism, atomic and nuclear physics are covered. **Prerequisite:** PHYS 203. (FALL/SPRING).

PHYS 204L GENERAL PHYSICS FUNDAMENTALS OF PHYSICS II LABORATORY – *Two hours laboratory; 1 credit.* This course is designed to be taken concurrently with its lecture counterpart, PHYS 204. (FALL/SPRING).

PHYS 205 UNIVERSITY PHYSICS I – *Four hours lecture; 4 credits.* This is a calculus-based course designed for students in the natural sciences and engineering. Mechanics, sound, and thermodynamics. **Corequisite:** MATH 241. (FALL/SPRING).

PHYS 205L UNIVERSITY PHYSICS I LABORATORY
– *Three hours laboratory; 1 credit.* This course is designed to be taken concurrently with its lecture counterpart, PHYS 205. (FALL/SPRING).

PHYS 206 UNIVERSITY PHYSICS II – *Four hours lecture; three hours laboratory; 5 credits.* This is the second semester of a two-semester sequence. Electricity, magnetism, and optics. **Co-requisite:** MATH 242. (FALL/SPRING).

PHYS 206L UNIVERSITY PHYSICS II LABORATORY
– *Three hours laboratory; 1 credit.* This course is designed to be taken concurrently with its lecture counterpart, PHYS 206. (FALL/SPRING).

PHYS 300 MODERN PHYSICS I - *Three hours lecture; 3 credits.* The topics studied include photoelectric effect, Bohr's theory of the H atom, deBroglie waves and wave mechanics, electron spin, and Pauli exclusion principles. **Prerequisites:** MATH 242 and PHYS 206. (FALL/SPRING).

PHYS 301 ANALYTICAL MECHANICS I - *Three hours lecture; 3 credits.* This is part one of an intermediate course including particle motion, the statics and dynamics of rigid bodies, motion under central forces, and vibratory motion. This course is recommended for students interested in Physics, Applied Mathematics, and Engineering. **Prerequisites:**
MATH 242 and PHYS 206. (FALL/SPRING).

PHYS 302 ANALYTICAL MECHANICS II – *Three hours; 3 credits.* This is part two of an intermediate course including particle motion, the statics and dynamics of rigid bodies, motion under central forces, and vibratory motion. This course is recommended for students interested in Physics, Applied Mathematics, and Engineering. **Prerequisites:** PHYS 301. (FALL/SPRING)

PHYS 303 ELECTRICITY AND MAGNETISM I -
Three hours; 3 credits. Part I of two-semester sequence. Topics covered include: electricity and the electrostatic field, magnetism and the magnetic field, potential, capacity, electrical circuit theory, inductive circuits, alternating current networks, transformers, electromagnetic waves, and Maxwell's equations. **Prerequisites:** MATH 242 and PHYS 206. (FALL).

PHYS 304 ELECTRICITY AND MAGNETISM II –
Three hours; 3 credits. Part II of two-semester sequence. Topics covered include: electricity and the electrostatic field, magnetism and the magnetic field, potential, capacity, electrical circuit theory, inductive circuits, alternating current networks, transformers, electromagnetic waves, and Maxwell's equations. **Prerequisite:** PHYS 303 (SPRING).

PHYS 305 MATHEMATICAL PHYSICS I - *Three hours lecture; 3 credits.* The content includes the fundamental operations of vector analysis, scalar and vector products, differentiation of vectors, and the differential operators. There is an application of the derivations to problems in electricity, dynamics, hydrodynamics, and mechanics.
Prerequisite: MATH 242 (OFFERED AS NEEDED)

PHYS 308 HEAT AND THERMODYNAMICS -
Three hours lecture; 3 credits. This course is a study of thermometry, specific heats, transfer of heat, change of state, kinetic theory, the laws of thermodynamics, thermodynamic potentials and Maxwell's relations.
Prerequisite: MATH 242 (SPRING).

PHYS 309 INTRODUCTION TO THE PHILOSOPHY AND HISTORY OF THE NATURAL SCIENCES -
Three hours lecture; 3 credits. This course is designed to introduce the science and non-science major to the intellectual, experimental, and historical events surrounding selected critical scientific concepts and discoveries. The course will examine scientists and the social, political, and economic parameters that have influenced their discoveries. Special emphasis is placed on the contributions of Africans, African-Americans, and third world contributors to modern science and technology. The course will survey the fundamental foundations in the areas of physics, chemistry, mathematics, biology, and computer science, from antiquity to the present. (FALL/SPRING).

PHYS 310 ASTRONOMY AND SPACE SCIENCE - *Three hours lecture; 3 credits.* This is a three-credit course in astronomy and space science with emphasis on a descriptive and conceptual approach rather than a mathematical one. It can be used to meet part of the six-credit science requirement for students in the School of Computer, Mathematical, and Natural Sciences. (OFFERED AS NEEDED).

PHYS 311 ACOUSTICS AND YOU – *Three hours lecture; 3 credits.* This course is designed for science and engineering majors with an interest in acoustics, the science of sound. It explores the physical principles of sound and its applications in such diverse fields as architecture, biology, music, and psychology. The lecture seminar format is supplemented by demonstrations, laboratory experiments, and guest speakers. Basic mathematical literacy is presumed. **Prerequisites:** PHYS 203 or 205, and MATH 114. (OFFERED AS NEEDED).

PHYS 312 PROPERTIES OF MATERIALS - *Three hours lecture; 3 credits.* This course covers basic principles, nature and properties of materials, as well as correlation of the structure of solids with their physical properties. **Prerequisite:** PHYS 204 or 206. **Corequisite:** one semesterof chemistry. (SPRING).

PHYS 326 BIOPHYSICS – *Three hours lecture; 3 credits.* In this course students will learn, at an advanced introductory level, how to apply the basic principles of mechanics, fluidics, electricity, magnetism and optics to living biological and physiological systems. **Prerequisite:** PHYS 204. (FALL/SPRING).

PHYS 401 OPTICS - *Three hours lecture; 3 credits.* This is an intermediate course in the study of lenses, aberrations, polarization, interference, diffraction, line spectra, thermal radiation, lasers, photometry and color. **Prerequisites:** MATH 242 and PHYS 206. (SPRING).

PHYS 403 ADVANCED LABORATORY - *Four hours laboratory; 2 credits.* This course is designed to give the students advanced experimental sophistication in modern laboratory techniques in modern and nuclear physics. (FALL).

PHYS 405 MODERN PHYSICS II - *Three hours lecture; 3 credits.* This course deals mainly with nuclear and relativistic physics. Topics considered are the nuclear force, nuclear structure and elementary particles of modern physics. (ALTERNATE YEARS - SPRING).

PHYS 406 MATHEMATICAL PHYSICS II: - *Three hours lecture; 3 credits.* The contents of this course are centered around mathematical techniques related to solutions of problems in advance physics courses such as classical mechanics, electromagnetic theory, and quantum mechanics. This course includes vector calculus, linear algebra, calculus of residues, second order partial differential equations, Laplace Transforms, Strum Liouville Theory, Bessel Functions, Legendre Functions, and Fourier Series. Upon completion of the course students will be able to apply all of the above to applied problems in physics and engineering. (OFFERED AS NEEDED).

PHYS 407 ADVANCED TOPICS IN PHYSICS – *Three hours lecture; 3 credits.* This course deals with current topics in physics and/or undergraduate physics research. (FALL/SPRING).

PHYS 408 INTRODUCTION TO QUANTUM MECHANICS - *Three hours lecture; 3 credits.* This course covers the basic principles of quantum mechanics. Problems in one-dimensional motion, the hydrogen atom and molecule, and perturbation theory are studied. **Prerequisite:** MATH 340. (OFFERED AS NEEDED).

PHYS 409 EXPERIMENTAL PHYSICS – *Two hours lecture, four hours laboratory; 3 credits.* In this course students study the basics of instrumentation for physics research and reproduce some of the critical experiments that established special relativity, atomic structure, and the structure and properties of condensed matter. **Prerequisite:** PHYS 300 or permission of the department (OFFERED AS NEEDED).

PHYS 410 TECHNIQUES AND APPLICATION OF RADIOISOTOPES - *Two hours lecture, four hours laboratory; 4 credits.* This course is designed to include the basic laboratory experiences in radioisotopes technology with an adequate amount of lecture material to provide the necessary background for understanding the experiments.
Prerequisite: PHYS 204 or 206. **Corequisite:** one semester of chemistry (OFFERED AS NEEDED)

PHYS 412 LABORATORY USE OF MICROCOMPUTERS
- *One hour lecture; four hours laboratory; 3 credits.* This course emphasizes the use of microcomputers as laboratory instruments and as laboratory data collectors/ analyzers. Topics to be covered include computer-simulated experiments, computer-assisted design, op-amps, analog-to-digital and digital-to-analog conversion, machine and assembly language programming, and microcomputer controlled stepper motors and switches. (SPRING).

PHYS 413-414 INTRODUCTION TO ELECTRODYNAMICS
- *Six hours lecture; 6 credits.* The topics

covered include: electricity and the electrostatic field, magnetism and the magnetic field, potential, inductive circuits, electromagnetic waves, and Maxwell's equations. **Corequisite:** PHYS 406. (FALL/SPRING).

PHYS 498 SENIOR INTERNSHIP - *Nine hours; 3 credits.*
This course provides the opportunity for the student to obtain supervised work experience in the major at an off-campus site selected and approved by the Departmental Chairperson. Registration is limited to seniors with minimum 3.0 cumulative and major averages and requires approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (FALL/SPRING).

PHYS 499 SENIOR RESEARCH OR TEACHING/ TUTORIAL ASSISTANTSHIP - *Nine hours; 3 credits.* This course provides the opportunity for the student to attain first-hand research or teaching/tutorial experience under the supervision and mentorship of a tenure-track faculty member. Registration is limited to seniors with minimum of 3.0 cumulative and major averages and requires the approval of the Departmental Chairperson. Exceptions may be approved by the Dean. (FALL/SPRING).

EARTH SCIENCE COURSE OFFERINGS

EASC 101 STELLAR ASTRONOMY - *Two hours lecture, two hours laboratory; 3 credits.* This is a laboratory-oriented course designed to explore the astronomical aspects of the earth as a part of the solar system. Also, it includes a detailed study of the sun, stellar phenomena, stellar evolution, galactic phenomena and cosmology. (OFFERED AS NEEDED).

EASC 102 METEOROLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This is a laboratory-oriented course stressing a minimally quantitative introduction to the physical processes which govern the movement and effects of our atmosphere. Included will be detailed discussions of weather features, weather systems, air masses, atmospheric heating, global atmospheric circulation and local weather determinations. (SPRING).

EASC 201 PHYSICAL GEOLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This is a laboratory-oriented, minimally quantitative introduction to a study of the planet Earth with particular emphasis on the composition of the earth; formation of igneous, sedimentary and metamorphic rocks; the structure and interior of the earth; gradation of the crust and weathering processes; the geologic time scale; and topographic mapping. Fieldwork is an integral part of the course. (OFFERED AS NEEDED).

EASC 202 HISTORICAL GEOLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This course is an analysis of the earth's history including basic concepts of historical geology; the nature of the rock record; Precambrian history; physical history of North America; the origin of life and the theory and trend of evolution; and the theory of plate tectonics. (SPRING)

EASC 203 MINERALOGY - *Two hours lecture, two hours laboratory; 3 credits.* This is a laboratory-oriented course designed to provide knowledge of the ccurrences, chemical/ physical properties and mega-scopic identification of minerals of the earth. (OFFERED AS NEEDED)

EASC 205 INTRODUCTORY EARTH SCIENCE - *Three hours lecture, three hours laboratory; 4 credits.* This laboratory-oriented course is structured to develop an understanding of the methods of scientific inquiry and critical thought with respect to investigations in astronomy, geology, meteorology, and oceanography. Special emphasis is made on the interrelationships between earth science, technology, and society, particularly with respect to the environment. This course is designed to meet certification requirements in earth science for elementary education majors. (FALL/SPRING).

EASC 301 PLANETARY SCIENCE - *Two hours lecture, two hours laboratory; 3 credits.* This course is designed to study in depth the motion, structure and atmospheric phenomena associated with planets of our solar system. Also, the effects solar disturbances and solar wind have on the earth is discussed. The course is structured to take advantage of the most recent information obtained from man's space explorations. **Prerequisite:** EASC 101. (OFFERED AS NEEDED).

EASC 302 STRUCTURAL GEOLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This course is designed to develop an understanding of the structure of the earth. Emphasis will be placed on factors controlling behavior of materials in the earth, structures produced and methods of studying them. Special attention will be given to the mechanics and classifications of folds, faults and joints. **Prerequisites:** EASC 201 and EASC 202. (SPRING).

EASC 305 STRATIGRAPHY AND SEDIMENTATION
- *Two hours lecture, two hours laboratory; 3 credits.* This course is designed to develop an understanding of the classification and composition of sediments; interpretation of sedimentary rocks; stratification and vertical sequence; and stratigraphic classification. **Prerequisites:** EASC 201 and EASC 202.

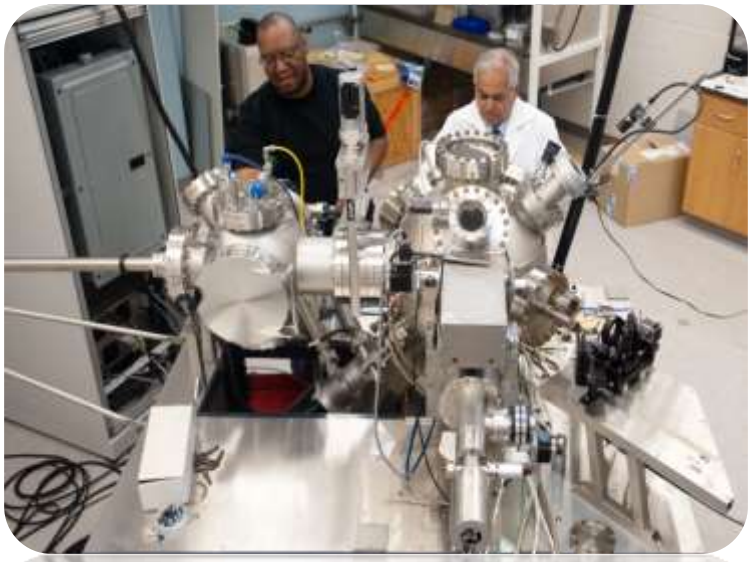
(FALL).

EASC 306 GEOMORPHOLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This course will investigate the development and distribution of the earth's topographic features. Emphasis will be placed upon agents such as running water, wind, glaciers, currents, waves and mass movements to understand the landforms that they sculpt. **Prerequisites:** EASC 201, EASC 202 and EASC 305. (SPRING).

EASC 402 ECONOMIC GEOLOGY - *Two hours lecture, two hours laboratory; 3 credits.* This is a descriptive course designed to examine, in depth, the principles and formation of metallic and non-metallic **&** mineral deposits. Specifically, the course will deal with processes of formation, classification, structural controls and the economic uses of mineral deposits. **Prerequisites:** EASC 201 and EASC 202. (FALL).

EASC 403 ENVIRONMENTAL SCIENCE - *Two hours lecture, Two hours laboratory; 3 credits.* This is a laboratory-oriented course involving the study of ecology, pollution and the environment. Specific topics to be discussed include an introduction to ecology, agricultural environments, pesticides, radioactive wastes, air pollution, water pollution, noise pollution, thermal pollution and solid wastes. Fieldwork will be an integral part of the course. **Prerequisites:** PHYS 203 or PHYS 205, CHEM 105, BIOL 101 and BIOL 102. (SPRING).

EASC 488-489 PRACTICUM IN SCIENCE - *Thirty-six hours; 12 credits.* This course will provide the student an opportunity to refine and broaden specific career related skills through on-the-job application in community institutions of Natural Science, such as science centers, museums, aquaria, environmental centers, and other related agencies. It will also enable the student to gain professional experience while pursuing the undergraduate degree, thus increasing his or her level of competitiveness for job placement upon graduation. (FALL/ SPRING).



MORGAN STATE UNIVERSITY
DEPARTMENT OF PHYSICS
BACHELOR OF SCIENCE DEGREE IN PHYSICS

SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

PHYS 205-BP	University Physics	5
MATH 241	Calculus I	4
ENGL 101-EC	English	3
ORNS 106	Freshman Orientation	1
XXXX-HH	Health & Healthful Living	3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

PHYS 305	Mathematical Physics I	3
MATH 243	Calculus III	4
PHYS 300	Modern Physics	3
CHEM 105- BP	Chemistry I (w/lab)	4
XXXX-AH	Arts & Humanities Core	3
		17

JUNIOR YEAR (FIRST SEMESTER)

PHYS 302	Analytical Mechanics II	3
PHYS 303	Electricity & Magnetism I	3
XXXX-SB	Social & Behavioral Science Core	3
PHYS 406	Mathematical Physics II	3
PHYS 306	Electronics for Experimental Phys.	3
		15

SENIOR YEAR (FIRST SEMESTER)

PHEC XXX	Physical Education	1
PHYS 408	Quantum Mechanics I	3
PHYS XXX	Physics Elective	2
PHYS 409	Experimental Physics	3
XXXX	Complementary Studies	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

PHYS 206	University Physics II	5
MATH 242	Calculus II	4
ENGL 102-EC	English	3
COSC XXX-IM	Computer Science (111 / higher)	4
		16

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 340	Differential Equations	3
XXXX-SB	Social & Behavioral Science Core	3
PHYS 301	Analytical Mechanics I	3
CHEM 106	Chemistry II (w/lab)	4
XXXX- BP	Biological & Physical Sci.	4
		17

JUNIOR YEAR (SECOND SEMESTER)

PHYS 304	Electricity & Magnetism II	3
PHYS 308	Thermodynamics & Stat. PHYS	3
PHYS 412	Laboratory Micro Computers	3
XXXX-AH	Arts & Humanities Core	3
PHIL 109-CT	Introduction to Logic	3
		15

SENIOR YEAR (SECOND SEMESTER)

HIST 350-CI	African Diaspora	3
PHYS 401	Optics	3
PHYS XXX	Physics Elective	3
XXXX	Complementary Studies	3
		12

TOTAL CREDIT HOURS 120

MORGAN STATE UNIVERSITY
DEPARTMENT OF PHYSICS
BACHELOR OF SCIENCE DEGREE IN ENGINEERING PHYSICS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

PHYS 205-BP	University Physics I	5
MATH 241	Calculus I	4
ENGL 101-EC	English	3
XXXX-SB	Social & Behavioral Science Core	3
ORNS 106	Freshman Orientation	1
		16

SOPHOMORE YEAR (FIRST SEMESTER)

PHYS 305	Mathematical Physics I	3
MATH 243	Calculus III	4
CHEM XXX	Chemistry 110 (w/lab)	5
XXXX	Complementary Studies	3
		15

JUNIOR YEAR (FIRST SEMESTER)

PHYS 302	Analytical Mechanics II	3
PHYS 303	Electricity & Magnetism I	3
PHYS 300	Modern Physics	3
HIST 350-CI	African Diaspora	3
PHIL 109-CT	Introduction to Logic	3
		15

SENIOR YEAR (FIRST SEMESTER)

PHEC XXX	Physical Education	1
PHYS 308	Thermodynamics & Stat. Physics	3
PHYS 408	Quantum Mechanics I	3
PHYS 409	Experimental Physics	3
XXXX-SB	Social & Behavioral Science Core	3
		12

FRESHMAN YEAR (SECOND SEMESTER)

PHYS 206	University Physics II	5
MATH 242	Calculus II	4
ENGL 102-EC	English	3
COSC XXX-IM	Computer Science (111 / higher)	4
		16

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 340	Differential Equations	3
PHYS 406	Mathematical Physics II	3
PHYS 301	Analytical Mechanics I	3
XXXX-AH	Arts & Humanities Core	3
ENGR XXX	(202&203) Electric Circuits	5
		17

JUNIOR YEAR (SECOND SEMESTER)

PHYS 312	Properties of Materials	3
PHYS 304	Electricity & Magnetism II	3
XXXX-AH	Arts & Humanities Core	3
XXXX	Complementary Studies	3
XXXX- BP	Biological & Physical Sci.	4
		16

SENIOR YEAR (SECOND SEMESTER)

PHYS 412	Laboratory Micro Computers	3
ENGR XXX	Engr. Science.	3
ENGR XXX	Engineering Design	3
XXXX-HH	Health & Healthful Living	3
		12

TOTAL CREDIT HOURS 120

THE SCHOOL OF EDUCATION AND URBAN STUDIES

DEPARTMENT OF FAMILY AND CONSUMER SCIENCES

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE
(Health Education, Physical Education)

DEPARTMENT OF TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT
(Elementary Education, Secondary Education)

SCHOOL OF EDUCATION AND URBAN STUDIES

Dr. Patricia L. Welch, Dean

The School of Education and Urban Studies was established in 1981 by merger of the School of Education and the School of Urban Studies and Human Development. Currently, the School subsumes those academic programs that were administered previously within the merged schools and has primary responsibility for provision of quality pre-professional programs of study including supervised practicum experiences, leading to careers in education and family and consumer sciences. The School of Education and Urban Studies offers courses especially designed to satisfy general university graduation requirements relative to health and physical education.

Undergraduate courses and programs of study within the School of Education and Urban Studies are administered through the three (3) departments that comprise the School: Family and Consumer Sci- ences; Health, Physical Education, Recreation and Dance; and Teacher Education and Professional Development.* The single asterisk (*) denotes the department that offers both undergraduate and graduate programs of study. Only undergraduate programs are described herein.

Students earning degrees in the School of Education and Urban Studies must meet the following graduation requirements.
All General Education Requirements
Major Requirements. Students must complete the requirements specified in the programs in which they are majoring.
Urban Core: Effective 1997 Fall semester, all students earning degrees in programs in the School of Education and Urban Studies must complete six credits in the Urban Core. The courses must be taken at Morgan State University and they cannot be used to satisfy other requirements. The courses must be taken outside of the major, but within the School.
NB: The Urban Core is not required for Elementary Education students.

The following courses are strongly recommended:
FACS 341 Alcohol and Substance Abuse in the Family
HEED 316 First Aid Safety and CPR
EDUC 415 Cultural Influences in the Schools

TEACHER EDUCATION PROGRAMS
The School of Education and Urban Studies offers undergraduate programs for the preparation of elementary and secondary school teachers in nine (9) subject fields. All programs include the broad base of liberal arts courses required of all University students as described in this catalog under "Requirements for Graduation."

ADMISSION TO THE TEACHER EDUCATION PROGRAMS
Admission to the University does not constitute admission to the teacher education programs. Students who plan to become teachers must formally apply for admission to the teacher education program to be pursued. The course "Foundations of Education and Teaching" (EDUC 200), is designed to be a part of the admissions procedure. All students who are interested in becoming teachers should enroll in this course no later than the first semester of the sophomore year. The purpose of this course is to provide the student with basic precepts and principles that undergird the discipline of education, and with experiences pertaining to the roles and responsibilities of teachers. As a consequence of the aforementioned activities and understandings, students can be more certain that their choice of teaching as a career isgrounded in the appropriate experiences. Formal applicationto theteacher education department may follow the completion of the aforementioned course, provided the applicant has satisfied all delineated criteria for admission to the program.

Transfer students who present course work equivalent to "Foundations of Education and Teaching" (EDUC 200) and who meet all admission criteria may apply directly, using forms that can be obtained from the Office of the Dean, School of Education and Urban Studies.

Students who fail to satisfy requirements for admission to teacher education at the end of the sophomore year are advised that it may not be possible to meet all requirements for graduation in the customary four-year period.

Criteria

Criteria for **unconditional** admission to Teacher Education programs are as follows:

The Applicant: (1) Has passed English 101-102 with a minimum grade of "C" in each. (2) Is not pursuing developmental courses at the time of application. (A minimum grade of "C" is required for passing a developmental course.) (3) Has complied with the requirements of completing an application form and securing three (3) Faculty Evaluations (one of which must be prepared by the instructor of the course, "Foundations of Education

and Teaching;" one of which must be prepared by an instructor who has taught the applicant; the final form may be completed by an instructor of the student's choice.).
Has completed a minimum of 60 semester credits.
Has satisfactorily completed (with a minimum grade of "C") the course(s): "Foundations of Education and Teaching," and "Seminar/PRAXIS I (Academic Skills Assessment)." (6) Has satisfactorily completed the Uni- versity's Speech and Writing Proficiency requirements.
Has satisfied the Maryland State Department of Education's score requirements for passing the PRAX- IS I (Academic Skills Assessment) test battery (3 tests).
Has earned a minimum cumulative GPA of 2.50.

Retention in Teacher Education requires the maintenance of a GPA of 2.50, or higher. Any student whose GPA drops below 2.50 may be dropped from the program and may not take additional education courses. Specifically, a GPA of 2.50 is a graduation requirement.

Clinical Internship
The clinical internship is a 100-consecutive-day experience. It includes two semesters: (1) the semester in which the "methods" courses are pursued and (2) the following semester of student teaching.

Programs for the preparation of teachers for elementary and secondary schools require a twelve-week minimum period of student teaching. Elementary Education majors must complete two six-week, senior level expe- riences, one in an urban school system at the middle school, intermediate, or primary grade level; and the other, in a suburban environment at the alternate level. Dual-certification majors will complete two six-week, senior level experiences, one in an urban school setting at the elementary or secondary grade level; and the oth- er, in a suburban environment at the alternate level. Sec- ondary Education majors will complete two six-week, senior level experiences, one in an urban system at the middle, junior or senior high school grade level; and the other in a suburban environment at the alternate level. Since the clinical internship is the culminating experience in the pre-service training of teachers and requires full-time involvement, students should avoid enrolling in additional courses (day, evening, or independent study) while participating in the practicum.

Clinical internship programs in elementary education and in secondary education are under the auspices of the Depart- ment of Teacher Education and Professional Development. Chairpersons of departments having programs of study that require a practicum must recommend students for admission to the clinical practicum based upon the following criteria:

For matriculating in the practicum, the student: (1) Has been admitted to the appropriate Teacher Education Program. (2) Is currently enrolled in, or has successfully completed, the Methods Block of courses. (3) Has maintained a minimum cumulative GPA of 2.50. (4) Has passed the Writing and Speech Proficiency examinations at the time of making application for student teaching. (5) Has completed the professional education sequence of courses. (6) Has completed all courses in his/her major and removed all incomplete grades prior to the clinical internship. (7) Has earned no grade below "C" in major courses, supporting courses, developmental courses, and the professional education sequence of courses. (8) Has provided verification of satisfactory state of health as evidenced by a signed physician's statement. This health clearance must include the results of a tuberculin skin test. All students are advised that a criminal background check will also be undertaken.

Teacher Certification
Teacher education programs offered by the School of Education and Urban Studies are evaluated regularly by the Maryland State Department of Education. Upon recommendation by the University, and after satisfactory completion of the PRAXIS I tests and the appropriate PRAXIS II tests (Principles of Learning and Teaching and the Specialty Areas), graduates of State-approved programs are eligible to receive the Standard Professional Certificate qualifying them to teach in the State of Maryland. Since Maryland is a participant in the Reciprocity System of the National Association of State Directors of Teacher Education and Certification, persons qualifying for certification in Maryland are also eligible for certification in 34 other states and the District of Columbia, as these jurisdictions are also participants in the system. Students who are interested in qualifying for certification outside of Maryland should contact the Dean of the School of Education and Urban Studies for additional information.

Senior Level Examination
The University Board of Regents has indicated that each department within the Schools or the Colleges of the University shall design examinations to assess each student's performance in the general education and major programs prior to graduation. The senior level examination requirement for all graduating seniors in teacher preparation programs is the successful completion of the PRAXIS II tests. For elementary education majors, the Praxis II tests include the Elementary Content Knowledge test and the Elementary Content Exercises. For secondary education majors, the Praxis II tests include the Principles of

Learning and Teaching test (when applicable) and the appropriate Specialty Area test. The scores for the aforementioned senior level examinations must be submitted to the Chairperson of the Department of Teacher Educa- tion prior to the last day on which senior grades are due. No elementary education student will be certified as eli- gible for graduation without receipt of "passing" scores by the Chairperson of the Department of Teacher Educa- tion. Only those secondary education students who have met the state qualifying score on the appropriate Praxis II assessments will be certified as having been graduated from a state approved Teacher Education program.

SEUS FRESHMAN ORIENTATION

ORED 103 FRESHMAN ORIENTATION FOR SCHOOL OF EDUCATION AND URBAN STUDIES MAJORS--*Two hours; 1 credit.* This course is designed to prepare students for the rigors of earning a degree in teacher education; health and physical education; and family and consumer sciences. It introduces undergraduate students to the legacy and traditions of Morgan State University, including a broad array of college survival strategies that lead to a plethora of career opportunities available in these exciting professions. Students enrolled in this class are required to attend all University convocations and other prescribed extra-curricular activities. They are also required to hold regular conferences with their faculty advisers in order to meet all requirements for the course. Students transferring 24 or more cred- its to the University when admitted are exempted from this requirement. (formerly ORIE 103) (FALL/SPRING).

FAMILY AND CONSUMER SCIENCES

Acting Chairperson of Department: Associate Professor: LURLINE V. WHITTAKER; Lecturers: BARBARA A. BRISCOE, RENAE STAFFORD, LESLIE SIMPSON.

The Department of Family and Consumer Sciences, formerly the Department of Human Ecology, is a part of the School of Education and Urban Studies. The Department offers the Bachelor of Science degree in Family and Consumer Sciences with tracks in Fashion Merchandising and General Family and Consumer Studies. The Department prepares students with competencies and skills needed to address changes and new developments in consumer goods and services; to conduct research; and to work with communities to implement programs that improve family life.

Family and Consumer Sciences embodies three purposes in its commitment to improving the quality of life for individuals and families: enhancing students for personal development, preparing each student for family living, and educating students for professional specialization. The mission of the Department is to enhance the quality of family life in the communities served by the University.

Competencies expected of students:

To be able to translate the fundamental concepts and principles of Family and Consumer Sciences into effective personal living;
To exemplify a sense of social responsibility for the improvement of home and family living;
To demonstrate the knowledge and skills necessary for professional competence; and
To qualify for certification in the American Association of Family and Consumer Science (AAFCS).

1. **THE MAJOR IN FAMILY AND CONSUMER SCIENCES**

Students majoring in Family and Consumer Sciences must choose one of the following two (2) tracks.

1. General Family and Consumer Studies
2. Fashion Merchandising

The General Family and Consumer Sciences track offers students courses from each curriculum area within the Department. The curriculum is designed to prepare students for career opportunities in schools, colleges, extension services, businesses, federal programs and child care. Students who desire to teach Grades 7 through 12 or Early Childhood Education must pass Praxis I and II to become certified. The required courses for the General Family and Consumer Studies Track include:

REQUIRED COURSES FOR GENERAL TRACK

Course	*Description*	*Credits*
FACS 112	Principles Clothing Constr.	3
FACS 120	Orientation to FACS	1
FACS 231	Marriage & Family Rel.	3
FACS 250	Consumer Education	3
FACS 341	Alcohol & Substance Abuse	3
FACS 342	Early Childhood Development	3
FACS 351	Family Resource Management	3
FACS 355	Parenting	3
FACS 360	Human Sexuality & Behavior	3
FACS 380	Fashion Merchandising	3
FACS 421	Exit Seminar in FACS	3
FACS 452	Family Hous & UrbanDev	3
FACS 454	Methods of Teaching FACS	3
FACS 473	Entrepreneurship in FACS	3

SUPPORTING COURSES-GENERAL TRACK

Course	*Description*	*Credits*
ART 308	The Visual Arts	3
EDUC 200	Foundation of Education Teaching	3
EDUC 222	Seminar/Praxis	3
EDUC 301	Human Learning	3
EDUC 303	Elec. Inst. Materials	3
NUSC 160	Introduction to Nutrition	3
SPCH 101	Principles of Speech Comm.	3
NUSC 161	Scientific Principles of Food Prep	3
		24

GENERAL ED/UNIVERSITY REQUIREMENTS **7**

SCHOOL OF EDUCATION ELECTIVES

SEUS ELECTIVE	**3**
SEUS ELECTIVE	**3**
	6
FREE ELECTIVE	**3**
TOTAL CREDITS	**120**

The curriculum in Fashion Merchandising offers students the opportunity to prepare for careers in retail and wholesale organizations in buying, merchandising, fashion coordination, publicity, sales, and marketing. Courses are designed to give students maximum exposure to business and management concepts that allow qualified students to move rapidly into areas of management. A part of the program includes an industry work-study internship.

REQUIRED COURSES FOR FASHION TRACK

Course	*Description*	*Credits*
FACS 101	Intro. to Business of Fashion	3
FACS 110	Textiles	3
FACS 111	Fundamentals of Color in Design	3
FACS 112	Principles of Clothing Construction	3
FACS 212	Advanced Clothing Construction	3
FACS 232	Interior Design	3
FACS 250	Consumer Education	3
FACS 311	History of Costume	3
FACS 335	Cross-Cultural Design	3
FACS 380	Fashion Merchandising	3
FACS 381	Fashion Promotion	3
FACS 412	Flat Pattern Design	3
FACS 420	Computer Aided Design	3
FACS 421	Exit Seminar in FACS	3
FACS 472	Practicum	3
FACS 340	Visual Merchandising	3
		48

FREE ELECTIVE

FACS 340	VISUAL MERCH	3

SUPPORTING COURSES-FASHION TRACK

Course	*Description*	*Credits*
ACCT 201	Principles of Accounting	3
ECON 211	Principles of Economics I	3
ECON 212	Principles of Economics II	3
MGMT 324	Principles of Mgt/Org Behavior	3
MKTG 331	Principles of Marketing	3
NUSC 160	Introduction to Nutrition	3
SPCH 101	Principles of Speech Communication	3
NUSC 161	Scientific Principles of Food Prep	3
		24

GENERAL ED/UNIVERSITY REQUIREMENTS **48**

TOTAL CREDITS **123**

FAMILY AND CONSUMER SCIENCES COURSE DESCRIPTIONS

FACS 101 INTRODUCTION TO THE BUSINESS OF FASHION - *Three hours lecture; 3 credits.* This course describes the fundamentals of the business of fashion. Emphasis is placed on the organization and operation of the United States textile industry, including designing, manufacturing and marketing of textiles. (FALL)

FACS 110 TEXTILES - *Two hours lecture, two hours laboratory; 3 credits.* This course teaches recognition, use and care of textiles related to characteristics of fibers, yarns, fabric construction and finishes. (FALL/SPRING).

FACS 111 FUNDAMENTALS OF COLOR/ DESIGN - *Three lecture hours; 3 credits.* This course is designed to teach students color theory, the physiology and psychology of color perception, and the physics of color in relation to the visual arts. (FALL/SPRING)

FACS 112 PRINCIPLES OF CLOTHING – *Two hours lecture, two hours laboratory, 3 credits.* This course teaches recognition and the use of fibers, yarns, and fabric construction and finishes, as well as basic garment construction using commercial patterns. (FALL/SPRING)

FACS 120 ORIENTATION IN FAMILY AND CONSUMER SCIENCES - *One hour lecture; 1 credit.* This course is designed to provide an understanding of Family and Consumer Sciences and related disciplines. It examines the field's history and philosophy, the curricula, professional opportunities and organizations. (FALL/SPRING).

FACS 212 ADVANCED CLOTHING - *Two hours lecture, two hours laboratory, 3 credits.* This course will emphasize advanced clothing construction techniques and the application of these techniques to the evaluation of ready-to-wear apparel. **Prerequisite:** FACS 112. (FALL/SPRING).

FACS 231 MARRIAGE AND FAMILY RELATIONS - *Three hours lecture; 3 credits.* This course teaches development of family members throughout the life cycle and their contributions to personal and group well-being. Attention is given to courtship and engagement as well as factors promoting satisfactory family relationships. (FALL/SPRING).

FACS 232 INTERIOR DESIGN - *Two hours lecture, two hours laboratory; 3 credits.* This course deals with the planning, furnishing and decorating of living areas in the home. Emphasis is placed on proper selection of materials and objects in terms of their artistic quality. (FALL/SPRING).

FACS 250 CONSUMER EDUCATION – *Three hours lecture; 3 credits.* This course is a study of consumer problems including rights and responsibilities, legislation and fundamentals of buymanship. (FALL/SPRING).

FACS 311 HISTORY OF COSTUME - *Three hours lecture; 3 credits.* This course is a study of costume from ancient Egypt to the present day, reflecting the social, economic, and cultural environment. (FALL/SPRING).

FACS 335 CROSS-CULTURAL DESIGN – *Three hours lecture; 3 credits.* This course will include the elements and principles of applied design and explore their application in a number of different cultures throughout the world, with special emphasis on textile design. The influence of different cultures will also be considered. (FALL/SPRING).

FACS 340 VISUAL MERCHANDISING – *Three hours lecture; 3 credits.* A study of the physical presentation of products in a nonpersonal approach. The products are presented in window displays, store interior merchandise presentation, or remote displays. Emphasis is placed on creative use of merchandise presentation to generate interest and sales of fashion products. (FALL/SPRING)

FACS 341 ALCOHOLISM AND FAMILY SUBSTANCE ABUSE – *Three hours lecture; 3 credits.* Families in the United States, from colonial days to the present, have been affected by alcohol abuse. This course will focus on the effect of alcoholism and substance abuse on urban family life. Preventive strategies will be explored and evaluated. Students will be asked to participate in Alcohol and Substance Abuse Prevention Programs. (FALL/SPRING).

FACS 342 EARLY CHILDHOOD DEVELOPMENT - *Three hours lecture; 3 credits.* This course includes a survey of the child from conception through six years of age. Areas included are the principles of development as they relate to the socio-emotional, physical, and cognitive development of the child. (FALL/SPRING).

FACS 351 FAMILY RESOURCE MANAGEMENT - *Three hours lecture; 3 credits.* This course is a comprehensive approach to utilizing effective management processes of one of the most vital segments of our lives - the home. These management processes will include communication, decision-making, feedback, goal setting, planning, implementing and evaluating through current readings, class problems and projects. (FALL/SPRING).

FACS 355 PARENTING - *Three hours lecture; three credits.* This course focuses on parenting influences and parental roles in meeting children's needs. Emphasis will be placed on children's emotional needs, social, intellectual and moral development. (FALL/SPRING).

FACS 360 HUMAN SEXUALITY AND BEHAVIOR - *Three hours lecture; 3 credits.* This course focuses on the dynamics of human sexual development and orientation, reproductive health and the psychological and emotional aspects of sexual behavior. Emphasis is placed on the historical, cultural, social, legal and moral forces affecting sexual issues. Current research findings will be explored. (FALL/SPRING).

FACS 380 FASHION MERCHANDISING – *Three hours lecture; 3 credits*. This course is a survey of the field of fashion merchandising and the principles of retailing. Emphasis is on the activities, operations, and practices in retailing. Course content will include: when and how to buy, coordination of buyers' activities, pricing, problems involved in mark-downs, methods of inventory, and fashion trends. (FALL/SPRING).

FACS 381 FASHION PROMOTION - *Three hours lecture; 3 credits.* This course examines the principles and procedures in promoting the sale of apparel and related merchandise. It provides direct application of the principles and methods of display and advertising techniques and the use of electronic media. (FALL/SPRING).

FACS 409 DRAPING – *Three hours lecture; 3 credits*. Technique used by Fashion Designers to create garments by draping fabric on dress form. Garment is made of unstitched cloth and held together by pins, clasps, saches or belts. (FALL/SPRING).

FACS 410 CLOTHING AND HUMAN BEHAVIOR – *Three hours lecture; 3 credits.* This course focuses on the study of clothing as a social and psychological force and the relationship between humans and their clothing, both individually and in groups. This includes the conventions and standards influencing clothing choice and use. (FALL/SPRING).

FACS 412 FLAT PATTERN DESIGN - *Three hours lecture; 3 credits.* This course offers an introduction to basic principles of flat pattern design through the development and manipulations of a master pattern. **Prerequisites:** FACS 112 and 212. (FALL/SPRING).

FACS 420 COMPUTER-AIDED DESIGN - *Three hours lecture; 3 credits.* This course infuses computer-aided systems into fashion conceptualization, design, and production. **Prerequisites:** FACS 112, 212 and 412. (FALL/SPRING)

FACS 421 EXIT SEMINAR IN FAMILY AND CONSUMER SCIENCES - *Three hours lecture; 3 credits.* This course provides an opportunity for exploration of research on selected topics in Family and Consumer Sciences. **Prerequisite:** FACS 120. (FALL/SPRING).

FACS 452 FAMILY HOUSING AND URBAN DEVELOPMENT - *Three hours lecture; 3 credits.* This course will examine contemporary American housing policies and issues. Specific focus will be directed to the economic, social, cultural, and political constraints and opportunities in the American housing delivery system. (FALL/SPRING).

FACS 454 METHODS & OBSERVATION IN FAMILY AND CONSUMER SCIENCES – *Three hours lecture; 3 credits.* This course emphasizes the aims, methodologies, and observations of family and consumer sciences at the secondary school level. This course focuses on selection of subject matter, organization of materials and evaluation. (FALL/SPRING)

FACS 472 FASHION MERCHANDISING PRACTICUM - *Nine hours per week; 3 credits*. This course provides supervised work experience and in-service training in an approved retail establishment. **Prerequisites:** FACS 380 and 381. (FALL/SPRING).

FACS 473 ENTREPRENEURSHIP IN FAMILY AND CONSUMER SCIENCES - *Three hours; 3 credits.* This is a seminar course designed to assist students in the conceptualization, development, and management of a small business. The course will focus on options for operating a business from home, successful mail order practices, consignment agreements, and store front operations. (FALL/SPRING).
course provides supervised work experience and in-service training in an approved retail establishment. **Prerequisites:** FACS 380 and 381. (FALL).

FACS 473 ENTREPRENEURSHIP IN FAMILY AND CONSUMER SCIENCES - *Three hours; 3 credits.* This is a seminar course designed to assist students in the conceptualization, development, and management of a small business. The course will focus on options for operating a business from home, successful mail order practices, consignment agreements, and store front operations. (SPRING).

MORGAN STATE UNIVERSITY
DEPARTMENT OF FAMILYAND CONSUMER SCIENCES
BACHELOR OF SCIENCE DEGREE IN FAMILY AND CONSUMER SCIENCES
FASHION MERCHANDISING TRACK
CURRICULUM SEQUENCE
2015 – 2017

FRESHMAN YEAR (FALL SEMESTER)

ENGL 101	ENGLISH COMP I	3
MATH 110	ALGE, FUNC&ANA GEOM	3
XXX HH	INTRO TO NUTRITION 160	3
FACS 101	INTRO TO BUS OF FAS	3
XXX ____	Out of Unit Free Elective	3
FACS 120	ORIENTATION TO FACS	1
		16

FRESHMAN YEAR (SPRING SEMESTER)

ENGL 102	ENGLISH COMP II	3
***XXX ___	BP – BIOLOGY 101	4
FACS 112	PRIN OF CLOTHING	3
INSS 141	INFORMATION SYST (IM)	3
_____	ELECTIVE	3
		16

SOPHOMORE YEAR (FALL SEMESTER)

ECON 211	PRIN OF ECON (SB)	3
FREE ELECTIVE		3
SPCH 101	PRIN OF SPEECH COMM	3
XXX ____	AH ARTS/HUMANITIES	3
FACS 111	FUND OF COLOR./DESIGN	3
NUSC 161	SCIE PRIN OF FOOD PREP	3
		18

SOPHOMORE YEAR (SPRING SEMESTER)

HIST 101	WORLD HISTORY (SB)	3
XXX ____	AH – ARTS/HUMANITIES	3
XXX ____	BP PHYISCAL SCI. ELEC	3
FACS 110	TEXTILES	3
PHEC XXX	PHYSICAL EDUC	1
		13

JUNIOR YEAR (FALL SEMESTER)

PHIL 109	INTRO TO LOGIC (CT)	3
MKTG 331	PRIN OF MARKETING	3
HIST 350	AFRICAN DIASPORA (CI)	3
ACCT 201	PRIN OF ACCOUNTING	3
		12

JUNIOR YEAR (SPRING SEMESTER)

FACS 311	HISTORY OF COSTUME	3
FACS 250	CONSUMER EDUC	3
FACS 335	CROSS CULTURAL DES	3
FACS 232	INTERIOR DESIGN	3
FACS 212	ADV. CLOTHING CONSTR.	3
		15

SENIOR YEAR (FALL SEMESTER)

FACS 340	VISUAL MERCHANDISING	3
FACS 381	FASHION PROMOTION	3
FACS 472	FASHION MERCH PRACT	3
MGMT 324	PRIN OF MGMT/ORG. BEH	3
FACS 412	FLAT PATTERN	3
		15

SENIOR YEAR (SPRING SEMESTER)

FACS 380	FASHION MERCHAN	3
*FACS 409	FREE ELECTIVE	3
FACS 410	CLOTH/HUMAN BEH	3
FACS 420	COMP AIDED DES IN FACS	3
FACS 421	EXIT SEMINAR IN FACS	3
FACS 001	COMPRENSIVE EXAM	0
		15

TOTAL CREDITS 120

***FACS 409 – DRAPING RECOMMENDED AS FREE ELECTIVE**
****ART 308 – COLOR AND DESIGN. ARTS AND HUMANITIES RECOMMENDED**
OR STUDENTS MAY SELECT TWO COURSES TO SATISFY THE ARTS AND HUMANITIES
*****(BIOLOGY 101 RECOMMENDED FOR GENERAL AND FASHION MERCHANDISING TRACKS**

MORGAN STATE UNIVERSITY
DEPARTMENT OF FAMILY AND CONSUMER SCIENCES
BACHELOR OF SCIENCE DEGREE IN FAMILY AND CONSUMER SCIENCES
GENERAL FAMILYAND CONSUMER STUDIES TRACK
CURRICULUM SEQUENCE
2015 - 2017

FRESHMAN YEAR YEAR (FALL SEMESTER)

ENGL 101	Freshman Composition I (EC)	3
FACS 120	Orientation to FACS	1
MATH 109	Math for Liberal Arts (MQ)	4
XXX ___HH	Intro to Nutrition 160	3
SPCH 101	Prin. Of Speech Comm.	3
PHEC XXX	Physical Education	1
FACS 101	Intro to the Fashion Bus.	3
		18

FRESHMAN YEAR (SPRING SEMESTER)

ORED 103	Fresh Orie for SEUS	1
ENGL 102	Freshman Comp II (EC)	3
COSC 110	Intro to Computing (IM)	3
FACS 112	Principles of Clothing	3
FACS 250	Consumer Education	3
NUSC 161	Sci Princ of Food Prep	3
		16

SOPHOMORE YEAR (FALL SEMESTER)

**XXX ____	INTRO TO BIOLOGY (BP)	4
XXX ____	SB - SOC/BEHAV SCI	3
XXX ____	AH - ARTS/HUMANITIES	3
EDUC 222	Seminar / Praxis	3
PHIL 109	Introduction to Logic (CT)	3
		16

SOPHOMORE YEAR (SPRING SEMESTER)

XXX ____	BP PHYSICAL SCI ELEC.	3
XXX ____	SB SOC/BEHAV SCI	3
XXX ____	AH ART/HUMANITIES	3
FACS 110	Textiles	3
EDUC 200	Found. Of Educ/Teach.	3
		15

JUNIOR YEAR (FALL SEMESTER)

FACS 342	Early Childhood Development	3
HIST 350	Intro to African Diaspora (CI)	3
FACS 231	Marriage & Family Relations	3
EDUC 301	Human Learning	3
FACS 355	Parenting	3
		15

JUNIOR YEAR (SPRING SEMESTER)

___ XXX	Free Elective	3
FACS 341	Alcoh/Fam/Subs/Abuse	3
FACS 360	Human Sexuality/Beh.	3
FACS 351	Family Resource Mgmt.	3
___ ELEC	Elective	3
		15

SENIOR YEAR (FALL SEMESTER)

XXX ____	Out of Unit Free Elective	3
FACS 473	Entrepreneurship in FACS	3
SEUS XXX	Elective	3
XXX XXX	Free Elective	4
		13

SENIOR YEAR (SPRING SEMESTER)

FACS 001	Senior Comprehensive	0
FACS 421	Exit Seminar in FACS	3
FACS 452	Fam Hous/&Urb. Dev.	3
FACS 454	Meth/Obser in FACS	3
___ XXX	Elective	3
		12

TOTAL CREDITS 120

FACS 232 – Interior Design recommended as Free Elective
EDUC 303 – Electronic Instructional Material recommended as Free Elective
EDUC 334 – Special Education recommended as Free Elective
***Students may select two courses (6 credits) to satisfy the Arts and Humanities requirement**
****Recommended for General and Fashion Merchandising Track**

HEALTH,
PHYSICAL EDUCATION,
RECREATION & DANCE

Interim Chairperson of Department: ASSOCIATE PROFESSOR: JO-AN RODENHAUSER
Associate Professors: CHARLES CARTER, GLENDOLA MILLS; Assistant Professor WILLIAN BROWN Lecturers: MAURICE DAVIS, DAVID THOMAS, MICHELLE YEBOAH; Instructor ANDERSON POWELL; Recreation Administrator: THERESA GIBSON; Facility Manager: EARL DAVIS; Health Education and Wellness Administrator: SHONTA' WHITE.

DEPARTMENTAL PROGRAMS Objectives

The mission of the Department of Health, Physical Education, Recreation and Dance is fourfold.

(1) Provide undergraduate students, with learning experiences that increase their capacity to achieve and retain a level of optimal health and well-being related to the physical, emotional, social, mental, and spiritual dimensions of healthful living.

(2) Provide undergraduate students with a sound foundation in their field of specialization by providing instruction and supervised internship/practicum in Health, Physical Education, Recreation, and Dance, such as: Environmental Health, Health Administration, Health Promotion and Education, Physical Education, Pre-Professional Physical Therapy,Recreation and Parks, Sports Administration and Dance Education

(3) Provide departmental resources and an environment that enables the undergraduate students and faculty to enhance their success in the select areas of interest through research and creative activity.

(4) Provide service to the academic community-at-large, and the State of Maryland by supporting the mission of Morgan State University as Maryland's public urban university, specifically for health promotion and physical fitness, as it relates "to improving the quality of life for citizens throughout the Greater Baltimore Community."

UNIVERSITY REQUIREMENT IN PHYSICAL EDUCATION

All regular University students are required to complete one (1) prescribed course in physical education. The course in physical education should be taken during the first two years of attendance.

The courses that may be taken are: PHEC 036, PHEC 037, PHEC 101, PHEC 102, PHEC 107, PHEC 117, PHEC 118, PHEC 119, PHEC 120, PHEC 121, PHEC 122, PHEC 123, PHEC 124, PHEC 125, PHEC 126, PHEC 127, PHEC 128, PHEC 130, PHEC 140, PHEC 144, PHEC 148, PHEC 160, PHEC 170, PHEC 180, PHEC 190, PHEC 201, PHEC 202, PHEC 207, PHEC 210, PHEC 214, PHEC 220, PHEC 221, PHEC 226, PHEC 230, PHEC 240, PHEC 250, PHEC 255, PHEC 260, PHEC 271, PHEC 276, PHEC 290, PHEC 320, PHEC 322, PHEC 327, PHEC 340, PHEC 390, PHEC 420, PHEC 421, PHEC 428, and PHEC 490.

ADAPTED PHYSICAL EDUCATION

A physically disabled student will be referred by the Health Service authorities to the HPERD Department Chairperson. With the cooperation of an instructor the special needs student will be assigned a class with adapted activity.

PHYSICAL ACTIVITY COURSES FOR MAJORS

The Physical Education major is expected to develop skill, the ability to teach, attitudes and appreciation of all types of activities within the broad scope of the physical education program. Credits are required in: Aquatics , Dance , Fitness, Individual/Dual Sports, Gymnastics and Team Sports.

TEACHING AND COACHING COURSES

These courses are designed to develop a theoretical and practical approach to the essential skills and techniques of instruction and organization in the conduct of individual, dual and team sport activities. The dancer substitutes theory and composition courses. A laboratory experience is provided to assist in the coordination of theory and practice.

PRE-PROFESSIONAL PHYSICAL THERAPY PROGRAM

Students interested in pursuing a program to become a physical therapist are offered the opportunity to obtain the prerequisites through the Department of Health, Physical Education, Recreation, and Dance. The American Physical Therapy Association reports that many colleges and universities are in the process of changing their programs from a bachelor's degree to a post-baccalaureate degree in Physical Therapy. As a result, most programs require pre-professional courses in Psychology, Biology, Physics, Statistics, Chemistry, English, and Humanities. Current academic requirements for most Physical Therapy programs require 80-90 prerequisite semester credits based on liberal arts and general education courses. The aspiring student should contact specific physical therapy programs to determine what prerequisites are necessary for admission to the particular school of their choice. Admission to a particular school of physical therapy after the completion of the prerequisites, is not guaranteed. Selecting a major in Physical Education with a Pre-Professional Physical Therapy track enables the student to follow an academic pattern that is compatible with the pre-application requirements for various schools of Physical Therapy. The student should select Physical Education as a major and consult the department advisor for additional information.

HEALTH EDUCATION AND WELLNESS CENTER

The Center for Health Education and Wellness provides the students of Morgan State University an educational and resource center which addresses health and wellness needs of its constituency. Through the center, students may experience certification in HIV Counseling (Jacques Initiative: The Institute of Human Urology), symposiums, workshops/outreach activities and HIV testing. For the HPERD majors, the center provides registration with IPAM (Internship, Practicum, Apprenticeship, Methods).

ETA SIGMA GAMMA
Eta Sigma Gamma is a national honorary society for Health Education. The principal purpose of Eta Sigma Gamma is to elevate the standards, ideals, competence and ethics of professionally trained men and women in and for the Health Science discipline. Membership is open to all Health Education majors with at least a 2.7 grade point average. All Health Education majors are encouraged to apply.

MODERN DANCE ENSEMBLE
The Modern Dance Ensemble is a performing company which provides opportunities for dancers to participate in concerts both on and off campus. Acceptance into the company is through auditions held at the beginning of each semester. Membership is open to students from all academic disciplines as well as graduate students and alumni of Morgan State University. Credit for participation may be earned by the undergraduate dancer by taking: PHEC 122, 128, 221, 226, 322, 327, 421, 428. Students focusing on a Physical Education/Dance Education major must become a member of the MDE at the beginning of their sophomore year and remain a member during their junior and senior year.

THE MAJOR IN PHYSICAL EDUCATION
Students majoring in Physical Education must complete the following courses: BIOL 106, BIOL 201-202; PHEC 200, PHEC 211, PHEC 326, PHEC 358, PHEC 411, PHEC 412, and PHEC 498. Activity courses for MAJORS (6/7 hours) TEACHING AND COACHING (2 hours).

Elementary and Secondary School Physical Education: EDUC 200, EDUC 301, EDUC 303, EDUC 415, EDUC 435, EDUC 488, SCED 302, SCED 429, SCED 430, PHEC 401 or PHEC 404.

Dance Education: EDUC 200, EDUC 301, EDUC 303, EDUC 334, EDUC 415, EDUC 435, EDUC 488, SCED 302, SCED 429, SCED 430, PHEC 401 or PHEC 404. Three (3) credits in dance from: PHEC 120, PHEC 170, PHEC 210, PHEC 220, PHEC 255, and PHEC 320. Four (4) credits of theory and composition, PHEC 420, PHEC425-426.

Pre-Professional Physical Therapy: CHEM 106, HEED 450, MATH 114, PHEC 212, PHEC 311, PHYS 203, PHYS 204, PSYC 210, SOCI 351.

Recreation and Parks: RECR 315, RECR 329, RECR 430, RECR 470, PHEC 325, PHEC 053, BUAD 200, HEED 316 Foreign Language electives (6 credits).

Sport Administration:INSS141, ACCT 201-202, MKTG 331, MGMT 324, BUAD 381; PHEC 209, PHEC 359, HEED316, PHEC 499.

THE MAJOR IN HEALTH EDUCATION:
In addition to completing ALL GENERAL AND UNIVERSITY EDUCATION REQUIRED COURSES, students majoring in Health Education must complete the following Health Education major core courses:

HEED 101, HEED 103, HEED 104,HEED 203,HEED 204, HEED 303,HEED 322**, HEED 350, HEED 419**, HEED 420**, HEED 450***Prerequisite required
**Junior status required
***Senior status required

In addition, they must complete one of the following concentrations:

HEALTH PROMOTIONS & EDUCATION- Students must receive a grade of "C" or better in all core, track and groups courses. BIOL 102, BIOL 201-202, HEED 380, EDUC 200, EDUC 334, PHEC 358.(SOCI 351equivalent option). .

Three credit hours should be selected from each of the following groups:

GROUP 1: HEALTH - HEED 205, HEED 316, HEED 395/396 (1-2 credits), HEED 403, HEED 421, FACS 207, FACS 341, NURS 160, MDTC 100, HEED 316

GROUP 2: BEHAVIORAL SCIENCE - SOCI 205, PSYC 102, PSYC 231, PSYC 312, SOWK 329, SOWK 422, MKTG 346, PHEC 326, HEED 403, HEED 405

GROUP 3: COMMUNICATION - BROA 200, BROA 205, BROA 218, BROA 223, BROA 325, BROA 328, BROA 333, COMM 102, COMM 114, EDUC 303, JOUR 203, MHTC 103, MKTG 331, MKTG 346, PRAA 200, PRAA 201, PRAA 321* PYSC 311, PSYC 319, SOCI 379, SPECH 314, SWAN 101, SWAN 230*, TELC 201

GROUP 4: SPECIAL INTEREST CONTENT AREAS – HEED 207, HEED 306, HEED 318, HEED 410, HEED, HEED 418, HEED 421, FACS 452, MHTC 340, MHTC 354, PSYC 268, SOCI 304, SOCI 321, SOCI 360, PRAA 325*

HEALTH ADMINISTRATION - Students must receive a grade of "C" or better in all core, track and groups courses. ACCT 201-202*, HEED 380, HEED 410, MGMT 324, MGMT 329, PHEC 358 (SOCI 351 equivalent option).

Three credit hours should be selected from each of the following groups:

GROUP 1: HEALTH—, HEED 205, HEED 316, HEED 318, HEED 395/396(1-2 credits), HEED 403,HEED 421, MDTC 100.

GROUP 2: COMMUNICATIONS — BROA 200, BROA 205, BROA 218,BROAD 223, BROA 328, BROA 333, COMM 102, COMM 114, EDUC 303, ENGL357, JOUR 203, SPCH 202, SPCH 312, SPCH 313, SPCH 402, SWAN 101, SWAN 230*, BROA 218, BROA 333

GROUP 3: ADMINISTRATIVE— BUAD 381, INSS 141, MGMT 420, MGMT 425, BUAD 381, INSS 141, POSC 401, POSC 420, SOCI 318, ECON 211.

GROUP 4: SPECIAL INTEREST CONTENT AREAS—HEED 207, HEED 306, HEED 318, HEED 403, HEED 405, HEED 418, HEED 421, FACS 452, PSYC 268, PSYC 368, SOCI 304, SOCI 321, SOCI 360, MKTG 431*, PRAA 321.

ENVIRONMENTAL HEALTH - Students must receive a grade of "C" or better in all core, track, and groups courses. BIOL 102, BIOL 201-202, PHEC 358 (SOCI 351 equivalent option). Twenty additional credit hours should be selected from the following groups:

GROUP 1: HEALTH—HEED 101, HEED 203, HEED 205, HEED 316, HEED 318, HEED 395/396, IEGR 406, HEED 403, HEED 405,HEED 421.

GROUP 2: ENVIRONMENTAL—ARCH 331, GEOG 101, GEOG 105, GEOG 309, GEOG 310, HIST 396, PHYS 105-106.

GROUP 3: NATURAL SCIENCE (FOURTEEN CRED-ITS)—PHYS 101, BIOL 205, BIOL 308, BIOL 405, BIOL 406, BIOL 423, BIOL 452, HEED 303, BIOL 453, CHEM 106, CHEM 203, CHEM 300, CHEM 314.

HEALTH EDUCATION COURSE OFFERINGS

HEED 100 HEALTHFUL LIVING Three hours; 3 credits. This course examines the study of problems and materials considered basic to the development of positive knowledge, attitudes and healthful living in terms of present health standards. Consideration will be given to "health fads, " commercialized "cures" and "heatlh products". This course will cover the theory and practice of lifestsyle wellness among individuals and groups as it relates to topics that examine attitudes, habits and critical skills needed to live a healthy life throughout one's lifespan. This course includes divesrse topics and projects ranging from diet, exercise, stress management, alcohol consumption, drug use, sexual heatlh awareness, safety education, violence in society, environmental health and aging. (FALL/SPRING).

HEED 101 ORIENTATION TO THE FIELD OF HEALTH Three hours; 3 credits. This course is a survey of the health care system. Particular attention will be given to the setting, health care services and se- lected health careers as a profession. (FALL).

HEED 103 HEALTH SCIENCE: HUMAN AND SOCIAL DETERMINANTS Three hours; 3 credits. This course is an in-depth study of health behavior in light of the nature of humans and the environment in which we live and interact. (FALL/SPRING).

HEED 104 FOUNDATIONS OF THE HEALTH SERVICES Three hours; 3 credits. This course is an introduction to the historical, philosophical, and sociological foundations of health education programs and practicess, primarily in the United States. (FALL).

HEED 108 SAFETY AND THE ENVIRONMENT Three hours; 3 credits. This course is an introduction to the study of safe living in modern society. The content will focus on the safety problems of the school, home, work, and leisure time activities. (FALL/SPRING).

HEED 111 HEALTHFUL LIVING HONORS Three hours; 3 credits. This course engages the study of problems and materials considered basic to the development of positive knowledge, attitudes and practices conducive to efficient and healthful living. Particular emphasis will focus on present health concerns and their local, national, and worldwide impact. Consideration will be given to "health fads," commercialized "cures," "health products" etc., as well as to individual group and environmental problems affecting present health standards. (FALL/SPRING).

HEED 203 PERSONAL AND COMMUNITY HEALTH Three hours; 3 credits. This course will survey the principles of personal hygiene as they affect the lives of individuals. Consideration will be given to a wide range of health problems as they relate to the community and the quality of life for all concerned. (FALL/SPRING).

HEED 204 COMMUNITY HEALTH PRACTICES Three hours; 3 credits. This course is a study of personal health services in the community. Attention will be given to the programs of the voluntary and private health agencies and the role of the community health educator, to include field experiences off campus. (SPRING).

HEED 205 HEALTH CARE OF WOMEN Three hours; 3 credits. This course is designed to acquaint the student with appropriate information regarding health and self-help of the human female. (FALL/SPRING).

HEED 207 INTERNATIONAL HEALTH Three hours; 3 credits. This course is concerned with the health problems related to personal and environmental services, health administration and management by selected countries and regions. (FALL/SPRING).

HEED 303 COMMUNICATIONS FOR OPTIMAL HEALTH Three hours; 3 credits. This course will provide optimal communication skills for today's health professional with concentration on the fundamentals of medical terminology. (SPRING).

HEED 306 FAMILY LIFE AND SEX EDUCATION Three hours; 3 credits. In this course attention will be given to contemporary issues of family life and strategies for sex education. (FALL/SPRING).

HEED 316 FIRST AID, SAFETY, AND CPR Three hours; 3 credits. This course is designed to teach basic first aid, safety and CPR skills used for emergency situations. Instructions in this American Red Cross Community CPR and First Aid sanctioned course are designed to train citizens to help the adult,

infant and child when an emergency occurs. The American Red Cross Standard First Aid/CPR Certificate may be granted to those who satisfactorily complete course requirements. Certification fees are set by the American Red Cross and will be assessed from those students who meet the requirements.(FALL/ SPRING).

HEED 318 HIV/AIDS/COMMUNICABLE DISEASES AND THE CONTROL Three hours; 3 cred- its. This course focuses on the acquisition, transmission and prevention through personal, public, and administration measures of common diseases of public health significance. (FALL/SPRING).

HEED 322 BASIC EPIDEMIOLOGY Three hours; 3 credits. This course is an introduction to the uses of epidemiology in public health practice, using selected diseases to illustrate the development of knowledge on disease causation and application of such knowledge to preventive medicine. (FALL).

HEED 350 ASSESSMENT, IMPLEMENTATION AND EVALUATION OF HEALTH EDUCATION PROGRAMS Three hours; 3 credits. This course is designed to provide the student with the skills necessary to assess the health needs of a target population, develop appropriate goals and objectives for health education programs, create and implement an intervention, and evaluate the effectiveness of that intervention. (FALL).

HEED 380 HEALTH SERVICE MANAGEMENT Three hours; 3 credits. This course focuses on building and managing organizations that directly provide health- care. It is deliberately designed to identify the major functions that any care-giving organization must perform and to describe the way the most successful organizations accomplish those functions, emphasizing the common elements of leading practices. When possible, it adds a commentary on known shortcomings of existing methods and discusses experimental solutions. This course will serve as a guide and a starting point for those operating health- care organizations. The approaches described in this course will work and they will provide the basis for continuous improvement tailored to local needs. (SPRING).

HEED 395-396 SPECIAL STUDIES IN HEALTH SCIENCES: INDEPENDENT STUDY variable hours; 1-2 credits. This course is designed to provide opportunities for the exceptional student to undertake, independently, a special project of his choice in health. Approval of a faculty advisor is required. You must be a declared Health Education major to enroll in this course. (FALL/SPRING).

HEED 403 RATIONAL/IRRATIONAL DRUGS AND SOCIETY Three hours; 3 credits. This course is a critical analysis of current health issues as they relate to drugs and society. Special attention will be given to drug usage that affects the health of African Americans. This course is designed to provide skills necessary to identify various drugs (illicit and licit) affecting the general public; and how those drugs socially and pharmacologically affect the human body. (FALL/SPRING).

HEED 405 HEALTH; A MULTICULTURAL PER- CEPTION Three hours; 3 credits. This course is a critical analysis of current health issues as they relate to minorities in America. Special attention will be given to the level of health among Black Americans and the medical and delivery programs organized to improve the quality of their health. (FALL/SPRING).

HEED 410 HEALTHCARE FINANCE Three hours; 3 credits. This introductory course focuses on both creating financial information and how to use the information to make better financial decisions in a healthcare environment. To accomplish this, the course will cover the financial environment, financial accounting, managerial accounting, and basic financial analysis concepts. In addition, it covers problems and materials considered basic to the development of positive knowledge, attitudes and practices conducive to efficient financial management. (FALL).

HEED 418 SCHOOL HEALTH PROGRAM Three hours; 3 credits. This course is designed to help the student develop an overview of the educational aspects of the school health program: instruction, services and the healthful environment. (FALL/SPRING).

HEED 419 HEALTH ISSUES AND RESEARCH I Three hours; 3 credits. This course is designed to acquaint the student with the fundamentals of research. Prerequisite: PHEC 358. (SPRING).

HEED 420 DIRECTED READING IN PUBLIC HEALTH, RESEARCH II Three hours; 3 credits. Emphasis is placed on exploring current trends and issues associated with the programs, services, and recommended actions as related to public health. Prerequisite: HEED 419. (FALL).

HEED 421 HEALTH PROBLEMS FOR THE AGING Three hours; 3 credits. This course examines the crossing point between health and aging. Topics include the aging population, the aging body, epidemiology of diseases, physical and mental disorders, medical and assisted-living care, and death and dying. (FALL/SPRING).

HEED 450 PRACTICUM: FIELD WORK IN HEALTH Thirty-six hours; 12 credits. This course is required of the senior student interested in pursuing a major in health. Placement of the student with cooperating official or voluntary health agencies is designed to foster better understanding and greater appreciation of the role of the health profession as a career. The Practicum involves a minimum of 300 hours during the final semester. (FALL/SPRING).

HEED 450 PRACTICUM: FIELD WORK IN Pre-Professional Physical Therapy Thirty-six hours; 12 credits. This course is required of the senior student interested in pursuing a career in physical therapy. Placement of the student with cooperating official or voluntary agencies is designed to foster better understanding and greater appreciation of the role of the physical therapy as a career. The Practicum involves a

minimum of
300 hours during the final semester. (FALL/SPRING).

PHYSICAL EDUCATION COURSE OFFERINGS

PHEC 101 SOCCER AND VOLLEYBALL Two hours; 1 credit. This course is an introduction to basic techniques, fundamental rules and team play strategies involved in the game. Soccer cleats are required. (FALL).
PHEC 102 STREET GAMES, SPEED BALL AND NEW GAMES Two hours; 1 credit. Emphasis is on activities and experiences which can be utilized on the side- walks and play-streets of densely populated urban areas. Speed ball skill techniques, knowledge of rules and game strategies will be covered in game situations. (FALL/ SPRING).

PHEC 107 LACROSSE Two hours; 1 credit. This course is an introduction to fundamental skill techniques, essential theory of position play and field strategy, and the rules of the game. (FALL/SPRING).

PHEC 117 RACQUETBALL Two hours; 1 credit. This course is designed to introduce the student to skills, strategies, and rules of racquetball in order to develop competencies for a lifetime sport. (FALL/SPRING).

PHEC 118 HANDBALL Two hours; 1 credit. The student is afforded the opportunity to learn skills, strategies, and knowledge which contribute to total fitness and a lifetime sport. (FALL/SPRING).

PHEC 119 HIKING AND BACKPACKING Two hours; 1 credit. This course gives practical experience in the use of camping equipment, overnight tenting, cooking, first aid and emergencies, weather reading and orientation. (FALL/SPRING).

PHEC 120 ELEMENTARY RHYTHMS Two hours; 1 credit. This course is designed to offer students a fundamental knowledge of rhythms basic to the development of skill in the execution of natural activities and incorporating the use of manipulative objects. Movement and skill training are based on various styles of modern dance technique. This course offers students an opportunity to explore basic locomotor and non-locomotor movement skills as well as terminology associated with dance presentation. Students are expected to demonstrate skills taught as well as choreograph and perform movement patterns of their own creation. An understanding of rhythmic meter, qualities and dynamics in movement, the use of time, space and level changes with the incorporation of hand held manipulative objects are required for the successful completion of the course. (FALL/SPRING).

PHEC 121 ORIENTEERING Two hours; 1 credit. Course content involves instruction in compass reading, topographical map reading, negotiating a course and physical conditioning. (FALL).

PHEC 122, 128, 221, 226, 322, 327, 421, 428 MODERN DANCE ENSEMBLE Six hours; 1 credit each registration. This course is designed to provide credit for performance experience for the intermediate and advance skilled dancer. This repertory performing company provides for performance opportunities on and off campus during the academic year, as well during the winter break, spring break and summer season. Opportunity is provided for experiences in dance production, choreography and solo works by the advanced students. Acceptance in the company is by audition or permission of the artistic director only. Auditions are held at the beginning of the academic year. Membership is open to undergraduate students, graduate students and members of the community. Students may receive one credit per semester for the four years of matriculation at Morgan. Students are encouraged to take the offerings in sequential order. (FALL/SPRING)

PHEC 123 JOGGING Two hours; 1 credit. This course provides experience in jogging methods covering time, distance, pace, and physiology of cardiovascular response. (FALL/SPRING).

PHEC 124 BICYCLING Two hours; 1 credit. Students are provided the opportunity to develop cycling skills, basic mechanical abilities, understanding of bicycling safety, and appreciation of multiple uses of the bicycle. Student must provide multiple speed bicycle. (FALL/ SPRING).

PHEC 125 BOWLING Two hours; 1 credit. This course is designed to acquaint the student with the fundamental techniques of bowling, including scoring and team play. Lane fee and shoe rental excluded from tuition cost of course. The University does not provide transportation. (FALL/ SPRING).

PHEC 126 TABLE TENNIS, BILLIARDS, AND POOL Two hours; 1 credit. This course is designed to cover the basic skills, rules, and strategies of table tennis singles and doubles play. (FALL/SPRING).

PHEC 127 SKIING Two hours; 1 credit. Beginners may learn the basic fundamentals of skiing as taught by certified ski instructors, and to use these techniques on the ski slopes. Transportation and equipment rentals are excluded from tuition cost of the course. (FALL/SPRING).

PHEC 130 ARCHERY AND RIFLE MARKSMAN- SHIP Two hours; 1 credit. Covers basic knowledge of the rules and regulations, techniques of shooting, care in selection and handling of equipment, general safety precautions and competition in various types of shooting. (FALL/SPRING).

PHEC 140 BEGINNING GOLF Two hours; 1 credit. Selection of equipment, techniques of grip, stance and swing, proper use of clubs, iron shots and putting. (FALL/ SPRING).

PHEC 144 FENCING Two hours; 1 credit. A course covering the basic skills and techniques of fencing, rules, methods of officiating, safety factors and the organization of tournaments. (FALL/SPRING).

PHEC 148 PHYSICAL EDUCATION CONCEPTS AND EVALUATION Two hours; 1 credit. The purpose of the course is to assist students with the development of personal concepts and attitudes toward physical activity and to provide information and methods for lifetime utilization. Students will deal with specific areas of physical activity, exercise, health, physical fitness, skill learning, and body mechanics. (FALL/SPRING).

PHEC 160 BAIT, FLY ROD AND SPIN CASTING Two hours; 1 credit. This course is organized to present basic skills and techniques utilized in the art of bait, fly, and spin casting. Includes practice in fly typing and instructions on the types and uses of lures, lines and hoods. Attention is given to the identification and ecology of warm and cold water fish. (FALL/SPRING).

PHEC 170 SOCIAL DANCE Two hours; 1 credit. This course is designed to teach the basic steps in the rhumba, tango, cha-cha, samba, two-step, waltz, fox trot and other popular dance steps. Students are also taught the fundamentals of leading and following in social dancing. (FALL/SPRING).

PHEC 180 RECREATIONAL SPORTS SHOOTING Four hours; 2 credits. This course is designed for those students interested in acquiring the knowledge and pro-ficiency essential to the safe handling and intelligent use of firearms as used in various recreational shooting activities. Attention is devoted to the shooting games of trap and skeet, hunter safety, gun nomenclature and performance, reloading techniques, outdoor and indoor range shooting and youth training programs. Lab fee required. (FALL/SPRING).

PHEC 190 ELEMENTARY SWIMMING Two hours; 1 credit. This course is designed for NON-SWIMMERS. Emphasis is on basic skills fundamental to swimming, i.e., body and breath control, rhythmic breathing, buoyancy, propulsion and sculling, fundamental strokes of legs and arms, with attention being directed to safety knowledge and precautions. (FALL/SPRING).

PHEC 200 FOUNDATIONS AND PRINCIPLES OF PHYSICAL EDUCATION Three hours, 3 credits. This course is designed to survey the historical, philosophical, anatomical, kinesiological, physiological, psychological, sociological and political foundations of physical education. Application of these foundations are made to the principles related to curriculum, methods, administration, research and evaluation. (FALL).

PHEC 201 TOUCH FOOTBALL, STUNTS AND TUMBLING Two hours; 1 credit. This course is designed to cover the basic knowledge, techniques and the practice of the fundamental skills of touch football, stunts, and tumbling. (FALL).

PHEC 202 BASKETBALL AND SOFTBALL Two hours; 1 credit. This course is designed to cover the basic knowledge, technique and the practice of fundamental skills of basketball and softball. (SPRING).

PHEC 203-204 RESTRICTED PHYSICAL EDUCATION Two hours; 1 credit per semester. This is a limited activity program for those students permitted to engage in modified adapted physical education. (FALL/SPRING).

PHEC 207 HORSEBACK RIDING-BEGINNER Two hours; 1 credit. The student will be provided the opportunity to learn basic English and/or Western riding techniques at a local equestrian school. Riding fee and transportation are excluded from the tuition cost of the course. (FALL/SPRING).

PHEC 209 MANAGEMENT OF SPORTS PROGRAMS Three hours; 3 credits. This course provides theoretical instruction in relation to sport management. The application of such information will be provided with on-campus apprenticeships preferred by the student in the following areas: Team Manager, College Athletic Department, Intramural Director's Office, Training Room, Assistant Coach, Sports Information Director's Office, and Department and/or Team Equipment Manager. (SPRING).

PHEC 210 FOLK AND SQUARE DANCE Two hours; 1 credit. This course provides instruction and experience in folk and square dance fundamentals with study for use in schools and recreational groups. (FALL/SPRING).

PHEC 211 PREVENTION AND CARE OF ATH- LETIC INJURIES Three hours; 2 credits. This course focuses on the theoretical and practical knowledge of the prevention, evaluation and care of athletic injuries and illness. A major emphasis is given to injury prevention recognition, management and treatment techniques of various musculoskeletal injuries. It also focuses on various anatomical/physiological structures and landmarks of the human body as they relate to athletic injuries. Prerequisite: BIOL 102. (FALL).

PHEC 212 PHYSICAL INSPECTION AND EVAL- UATION Three hours; 2 credits. This course covers muscles, tendons and ligaments, and the injury mechanism involved in given injuries for each major articulation of the body; inflammatory responses and wound healing; the effects of locally applied heat and cold; prevention, care and reconditioning techniques for sport injuries; and methods used during each phase of injury conditioning/ reconditioning. Prerequisite: BIOL 102, PHEC 211. (SPRING).

PHEC 214 ICE SKATING BEGINNERS Two hours; 1 credit. The course provides basic instruction in forward and backward skating, balance and control, all stops and turning backward and forward. This course will take place at a local rink. Fee and skate rental are excluded from the tuition cost of the course. (FALL/SPRING).

PHEC 220 ELEMENTARY TECHNIQUES IN MODERN DANCE Two hours; 1 credit. This is a basic course including movement techniques of modern dance, together with the theory of dance. Performance attendance required. (FALL/SPRING).

PHEC 230 KARATE Two hours; 1 credit. This is a course designed to develop an appreciation of karate as an art and sport. Emphasis placed on self-defense and personal safety. (FALL/SPRING).

PHEC 240 BADMINTON AND TENNIS Two hours; 1 credit. This course gives instruction in basic strokes, rules of the games, and care and selection of equipment. (SPRING).

PHEC 250 YOGA BEGINNING Two hours; 1 credit. Hatha Yoga. The student is provided activities and exercises which will help for better understanding of self. The focus is upon body mechanics, muscle control, balance and breathing. (FALL/SPRING).

PHEC 255 AEROBIC DANCING BEGINNING Two hours; 1 credit. This course focuses upon continuous rhythmic activity that incorporates all the appropriate muscle toning movements while developing cardiovascular fitness. (FALL/SPRING).

PHEC 260 JUDO Two hours; 1 credit. This course teaches the art of self-defense, emphasizing the principle of making use of the opponent's strength and weight. Formal throws will be analyzed by the instructor, with techniques, variations, defenses, strategy and ex- planation of some common errors. (FALL/SPRING).

PHEC 271 WEIGHT TRAINING Two hours; 1 credit. This course provides opportunity to develop strength and muscular endurance by utilizing isometric, isotonic, and isokinetic exercises. (FALL/SPRING).

PHEC 276 ROLLERSKATING Two hours; 1 credit. The course provides basic instruction in all phases of skating. The course will take place at a local rink. Fee and skate rental are excluded from the tuition cost of the course. (FALL/SPRING).

PHEC 286 FORM AND ANALYSIS IN DANCE Three hours; 3 credits. This intermediate/advanced level course focuses on basic elements of rhythm as it relates to dance expression. The understanding of musical notation and scoring is essential to the successful completion of the course. Knowledge of the use of percussive and other instruments is also of value. The course includes the development of compositional analysis, individual choreography and an introduction to criticism in dance. (FALL/SPRING).

PHEC 287 ETHNIC DANCE Two hours; 2 credits. This course focuses upon theory and participation through lecture and activity in dance styles of other cultures. (FALL/SPRING).

PHEC 290 INTERMEDIATE SWIMMING Two hours; 1 credit. This course is a continuation of techniques of elementary swimming with emphasis on the development of skill in the basic or standard swimming strokes. (FALL/SPRING).

PHEC 300 SELECTED ROOTS OF AFROAMERICAN DANCE Three hours; 3 credits. This course is a historical study of dance from its roots in West Africa to the present day in the United States of America. Attention is given to the influences of slavery, religion, superstitions, fetishes and cultural heritage. Stress is placed on the influence of Latin American climate, culture and habits of the dance evolution. (FALL/SPRING).

PHEC 301 PROGRAM PLANNING Two hours; 2 credits. This course concerns curriculum planning applicable to the public schools. It includes philosophy, principles and goals of education and physical education relative to lesson units and curriculum construction. (FALL/SPRING).

PHEC 302 FACILITIES AND EQUIPMENT Two hours; 2 credits. This course studies the problems of planning and modifying public school facilities and equipment to meet objectives of the program for classes, intramurals and athletics. (FALL/SPRING).

PHEC 311 THERAPEUTIC MODALITIES Four hours; 3 credits. This course emphasizes the use and knowledge of various therapeutic modalities used in athletic training and physical therapy. It also stresses the theory (physiological effects and therapeutic values) and working knowledge of each modality, as well as its practical application. Various massage techniques and alternative health care will also be addressed. (FALL/SPRING).

PHEC 320 ADVANCED MODERN DANCE Two hours; 1 credit. This course is a comprehensive study of movement techniques, history and background and analysis of composition. (FALL/SPRING).

PHEC 321 MOVEMENT COMMUNICATION AND MEANING IN DANCE Two hours; 1 credit. This course teaches the initiation and development of communication through movement by verbal and non-verbal means. Emphasis is placed on words, movement, sounds, poetry, question and answer, voices and the kinetic value of movement as is related to the dance. (FALL/SPRING).

PHEC 325 INTRAMURALS: ORGANIZATION AND ADMINISTRATION Two hours; 2 credits. This course teaches the history, development, scope and present day problems of school and college intramural activities. Twenty (20) clock hours of practical workexperience in an intramural activity are required during the semester. (SPRING).

PHEC 326 ADAPTED PHYSICAL EDUCATION Four hours; 3 credits. This course develops competencies in the implementation of developmental programs in motor, perceptual, fitness, posture and body mechanics, and thera- peutic exercise for atypical individuals in restrictive educa- tional environments. Lecture and laboratory. (SPRING).

PHEC 340 TENNIS Two hours; 1 credit. This course provides instruction and practice in techniques and skills to attain proficiency, rules and game strategy, care and selection of equipment. (FALL/SPRING).

PHEC 358 MEASUREMENT AND EVALUATION IN HEALTH AND PHYSICAL EDUCATION Three hours; 3 credits. This course considers the principles and methods in evaluating the outcomes on instruction in health and physical education. Emphasis is placed on interpretation of elementary statistical techniques including t-test, correlation and analysis of variance. (FALL).

PHEC 359 PSYCHOSOCIAL DIMENSIONS OF SPORTS Three hours; 3 credits. This course gives a look at contemporary social issues in sports and the psychological impact on behavior. Issues covered are women in sports, ethnic background and sports, and dehumanization features of sports. (FALL).

PHEC 375 PSYCHOLOGY OF TEACHING AND COACHING Two hours; 2 credits. This course emphasizes the emotional and attitudinal aspects of athletic performance. Instruction is based on psychological research and practical experiences in teaching and coaching. Experiences are provided for the administration and evaluation of test instruments. (FALL/SPRING).

PHEC 390 ADVANCED SWIMMING Two hours; 1 credit. This course is a continuation of techniques of intermediate swimming to include more advanced swimming strokes, diving, water stunts, etc. (FALL/SPRING).

PHEC 401 MOVEMENT EDUCATION Three hours; 3 credits. This course is a study of the "movement program" and its development in Europe and the United States. Emphasis is placed upon the movement education concept as the foundation component of physical education and general education in terms of the development of the psychomotor perceptual development of children. (FALL).

PHEC 404 PERCEPTUAL MOTOR DEVELOP- MENT Three hours; 3 credits. This course investigates the relationship of perception and motor functions as an interdependent and interrelated behavior area. It assists in the development of activities for the physically, mentally, and emotionally disabled child. (FALL).

PHEC 411 PHYSIOLOGY OF EXERCISE Four hours; 3 credits. This course is a study of the effects of physical education activities on the organism, i.e., respiration, circulation, coordination, etc., with consideration given to the following: the nature of muscular contraction; growth and development; fatigue and exhaustion; exercise adapted to age and sex. Prerequisites:
BIOL 102 and BIOL 201. (FALL).

PHEC 412 KINESIOLOGY Three hours; 3 credits. This course is a study of muscular action and the mechanics of bodily movement as involved in a variety of selected physical activities with analysis of the effect of muscular and gravitational forces on the bones. Pre- requisites: BIOL 102 and BIOL 201. (SPRING).

PHEC 420 DANCE COMPOSITION Two hours; 1 credit. This course provides increased knowledge of techniques in dance types of accompaniment as related to quality of movement. It provides practice in planning group and individual composition and aspects of production such as make-up, staging, costumes, etc. (FALL/ SPRING).

PHEC 425-426 DANCE THEORY Two hours; 2 credits per semester. This course deals with the significance of the dance as a part of our contemporary culture and as an increasingly important area of education. It presents a consideration of the problems of organization and administration of the dance in education. (FALL/SPRING).

PHEC 490 LIFEGUARDING TODAY Two hours; 1 credit. This course is designed for those desiring further skill and teaching knowledge of life saving and water safety methods. It stresses endurance, superior breath control, water agility and the ability to cope successfully with a variety of aquatic rescue situations. Successful completion of the course qualifies the student for the Lifeguarding Certificate. Corequisite: HEED 316. (FALL/SPRING).

PHEC 498 THE ORGANIZATION AND ADMINIS-TRATION OF PHYSICAL EDUCATION Three hours; 3 credits. This course is designed to introduce the student to theories and concepts of organizing and directing physical education, fitness, and sport programs. Attention is given to leadership styles, personnel and financial management, public relations, equipment purchasing, facility management, and liability and legal issues. Prerequisite: Junior standing and PHEC 200. (SPRING).

PHEC 499 INTERNSHIP PRACTICUM Thirty-six hours per week; 12 credits. The internship practicum will serve as an opportunity for the student in sports administration to apply his skills and knowledge acquired in the classroom to a practical setting. The internship is designed for senior students in their final semester, and is an experience requiring full-time placement in one of the following sport management experiences: professional sports team, college athletic department, intramural department, private sports club, Commissioner's Office in Amateur or Professional Sports, civic center, halls of fame, or sporting goods manufacturer. (FALL/SPRING).

PHYSICAL EDUCATION ACTIVITY COURSES FOR MAJORS:

PHEC 021 FIELD HOCKEY Two hours; 1 credit. This course provides instruction and practice in skill, technique, strategy, lead-up games and rules governing play.

PHEC 025 TRACK AND FIELD Two hours; 1 credit. This course provides instruction in the different track and field events and the rules governing the events.

PHEC 026 WRESTLING Two hours; 1 credit. This course provides instruction on skill and technique. Wrestling officiating and knowledge of the rules are required.

PHEC 036 STUNTS AND TUMBLING Two hours; 1 credit. This course covers gymnastic stunts and tumbling combinations. There is instruction in mat and aerial work.

PHEC 037 APPARATUS I Two hours; 1 credit. This course provides instructionin the different gymnastic events. Students develop skill in select apparatus.

PHEC 038 APPARATUS II Two hours; 1 credit. This course provides instruction in advanced apparatus.

PHEC 046 DANCE IN THE ELEMENTARY SCHOOL Two hours; 1 credit. This course provides instruction in elementary folk, square and modern dance.

PHEC 049 SCUBA DIVING I Two hours; 1 credit. This course provides instruction and practice in scuba diving. Students are exposed to equipment selection and and safety features.

PHEC 051 WATER SPORTS PAGEANTS Two hours; 1 credit. This course develops abilities to choreograph a water show with synchronized swimming and water sports.

PHEC 053 SECONDARY AND LEAD-UP GAMES Two hours; 1 credit. This course exposes the students to the different lead-up games supporting designated sports such as soccer, volleyball, football, basketball, and softball.

PHEC 054 ELEMENTARY SCHOOL ACTIVITIES Two hours; 1 credit. This course provides instruction in activities that encompass basic locomotor movement.

PHEC 055 PLAY GYMNASTICS Two hours;1 credit. This course covers activities that can be executed in the classroom as well as on the playground.

PHEC 056 BODY MECHANICS Two hours; 1 credit. This course explores the differences in body mechanics when activity takes place on the ice, ski slope, in a roller rink and in the water.

TEACHING AND COACHING COURSES: All teaching and coaching courses have instruction in history, strategy, equipment, practice sessions, methodology and sport management. All courses are theory courses with knowledge of the rules as a prerequisite of the course.

PHEC 361 TRACK AND FIELD Two hours; 1 credit
.
PHEC 362 FOOTBALL Two hours; 1 credit
.
PHEC 363 BASEBALL Two hours; 1 credit.

PHEC 364 BASKETBALL Two hours; 1 credit

PHEC 365 SOCCER Two hours; 1 credit
.
PHEC 366 VOLLEYBALL Two hours; 1 credit.

PHEC 368 SYNCHRONIZED SWIMMING Two hours; 1 credit.

PHEC 369 LACROSSE Two hours; 1 credit.

PHEC 370 TENNIS Two hours; 1 credit.

PHEC 371 FIELD HOCKEY Two hours; 1 credit.

PHEC 372 SOFTBALL Two hours; 1 credit

PHEC 373 WRESTLING Two hours; 1 credit.

PHEC 374 GYMNASTICS Two hours; 1 credit
.
PHEC 375 PSYCHOLOGY OF TEACHING AND COACHING Two hours; 2 credit. This course emphasizes the emotional and attitudinal aspects of athletic performance. Instruction is based on psychological research and practical experiences in teaching and coaching. Experiences are provided for the administration and evaluation of test instruments.

RECREATION AND PARKS COURSE OFFERINGS
RECR 315 COMMUNITY RECREATION Three hours; 3 credits. This course is designed to train leaders for recreational work. It acquaints the students with the principles, methods and problems of community plan- ning and organization to meet social, recreational and informal educational needs of youth. (SPRING).

RECR 328 CAMP LEADERSHIP AND ADMINISTRATION Four hours, 3 credits. This course introduces students to basic camp organization with practical application in the development, marketing and administration of a day camp. In the last three weeks of the course, students offer an on-site day camp. (FALL/SPRING).

RECR 329 PHILOSOPHY OF RECREATION AND PLAY Three hours; 3 credits. This course is an historical study of the recreation movement in the United States. It emphasizes the philosophical foundations of the recreation movement and its influence and contributions to individuals, groups and social agencies in America. (FALL).

RECR 332 TRENDS AND ISSUES OF MODERN RECREATION Three hours; 3 credits. This course teaches leisure activities currently popular within all age groups. Focus is placed upon problems and issues pertinent to the urban and rural societies and the recreational opportunities. (FALL/SPRING).

RECR 333 INTRODUCTION TO THERAPEUTIC REHABILITATION/EXERCISE Three hours; 2 credits. This course introduces principles in the planning and implementation of rehabilitation programs for injured individuals (recreational and athletic) with emphasis on application of contemporary therapeutic exercise techniques. (FALL/SPRING).

RECR 430 RECREATION METHODS AND PROGRAM PLANNING Two hours; 2 credits. This course teaches methods and materials used in planning and ex- ecuting various programs for recreation and leisure time activities in public, private and commercial agencies. Prerequisities: RECR 315 and RECR 329(FALL).

RECR 431 ORGANIZATION AND ADMINISTRATION OF RECREATION Three hours; 3 credits. This course is a study of the processes and elements of organization and administration related to private, commercial and public recreation. It examines current legislation, law, budget, politics, records, reports, personnel practices and public relations. (FALL/SPRING).

RECR 470 PRACTICUM: FIELD WORK EXPERIENCE Thirty-six hours per week; 12 credits. This course provides supervised off-campus field work experience in one or more of the following recreation leadership experiences: private, commercial, school and/or community agency, park site, hospital and therapeutic recreation center. The University will designate the field experience. The length of the practicum is one semester which is taken during the students' final semester. Prerequisites: RECR 329 and 430 (FALL/SPRING).

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

HEALTH EDUCATION - HEALTH ADMINISTRATION TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 101	Introductory Biology I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
HHXXX	Healthful Living Elective	3
ORIE 103	Freshman Orientation	1
HEED 101	Orientation to Health	3
PHEC XXX	Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

ENGL 102	Freshman Composition II (EC)	3
INSS 141	Introduction to Computer Based Information Systems (IM)	3
MATH 113	Introduction to Mathematical Analysis I (MQ)	4
HEED 103	Health Science: Human & Social Determinants	3
PHIL 109	Introduction to Logic (CT)	3
	Total Semester Credits	16

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
HEED 104	Foundations of Health Services	3
HEED 203	Personal and Community Health	3
SBXXX	Social and Behavioral Science	3
ACCT 201	Principles of Accounting I	3
	Total Semester Credits	15

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
HEED 204	Community Health Practices	3
HEED 303	Communications for Optimal Health	3
ACCT 202	Principles of Accounting II	3
SBXXX	Social and Behavioral Science	3
XXXX	Elective	1
	Total Semester Credits	16

3rd Year - Fall Semester

HEED 350	Assessment, Implementation and Evaluation of Health Education Programs	3
HEED 322	Basic Epidemiology	3
PHEC 358	Measurement and Evaluation in Health and Physical Education	3
MGMT 324	Organizational Behavior	3
CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	4
	Total Semester Credits	15

3rd Year - Spring Semester

HIST 350	Introduction to African Diaspora (CI)	3
MGMT 329	Human Resource Management	3
HEED 419	Health Issues and Research I	3
GROUP 1	Elective	3
HEED 380	Health Service Management	3
	Total Semester Credits	15

4th Year - Fall Semester

HEED 420	Directed Reading in Public Health, Research II	3
GROUP 2	Elective	3
GROUP 3	Elective	3
HEED 410	Healthcare Finance	3
GROUP 4	Elective	3
	Total Semester Credits	15

4th Year - Spring Semester

HEED 450	Practicum: Field Work in Health	12
	Total Semester Credits	12

Total Credits – 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AN D DANCE

HEALTH EDUCATION - ENVIRONMENTAL HEALTH TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 101	Introductory Biology I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
HHXXX	Healthful Living Elective	3
HEED 101	Orientation to Health	3
PHEC XXX	Activity Course	1
ORIE 103	Freshman Orientation	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 102	Introductory Biology II	4
ENGL 102	Freshman Composition II (EC)	3
INSS 141	Introduction to Computer Based Information Systems (IM)	3
MATH 109	Mathematics for the Liberal Arts (MQ)	4
HEED 103	Health Science: Human & Social Determinants	3
	Total Semester Credits	17

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology I	4
HEED 104	Foundations of Health Services	3
HEED 203	Personal and Community Health	3
PHIL 109	Introduction to Logic (CT)	3
	Total Semester Credits	16

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective (AH)	3
BIOL 202	Anatomy and Physiology	4
HEED 204	Community Health	3
HEED 303	Communications for Optimal Health	3
GROUP 1	Elective	3
	Total Semester Credits	16

3rd Year - Fall Semester

GROUP 2	Elective	3
CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	4
HEED 322	Basic Epidemiology	3
PHEC 358	Measurement and Evaluation in Health and Physical Education	3
HEED 350	Assessment, Implementation and Evaluation of Health Education Programs	3
	Total Semester Credits	16

3rd Year - Spring Semester

SBXXX	Social and Behavioral Science	3
GROUP 3	Elective	3/4
HEED 419	Health Issues and Research I	3
HIST 350	Introduction to African Diaspora (CI)	3
GROUP 3	Elective	3/4
	Total Semester Credits	16

4th Year - Fall Semester

HEED 420	Directed Reading in Public Health, Research II	3
GROUP 3	Elective	3/4
GROUP 3	Elective	3/4
SBXXX	Social or Behavioral Science	3
	Total Semester Credits	12

4th Year - Spring Semester

HEED 450	Practicum: Field Work in Health	12
	Total Semester Credits	12

Total Credits – 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

HEALTH EDUCATION - HEALTH PROMOTION & EDUCATION TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 101	Introductory Biology I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
HHXXX	Healthful Living Elective	3
ORIE 103	Freshman Orientation	1
PHEC XXX	Activity Course	1
HEED 101	Orientation to Health	3
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 102	Introductory Biology	4
ENGL 102	Freshmen Composition II (EC)	3
INSS 141	Introduction to Computer Based Information Systems (IM)	3
MATH 109	Mathematics for Liberal Arts (MQ)	4
HEED 103	Health Science: Hum and Social Determinants	3
	Total Semester Credits	17

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology I	4
PHIL 109	Introduction to Logic (CT)	3
HEED 104	Foundations of Health Services	3
HEED 203	Personal and Community Health	3
	Total Semester Credits	16

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
BIOL 202	Anatomy and Physiology II	4
HEED 204	Community Health	3
HEED 303	Communications for Optimal Health	3
GROUP 1	Elective	3
	Total Semester Credits	16

3rd Year - Fall Semester

HEED 322	Basic Epidemiology	3
PHEC 358	Measurement and Evaluation in Health and Physical Education	3
HEED 350	Assessment, Implementation and Evaluation of Health Education Programs	3
CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	3
SBXXX	Social or Behavioral Science	3
	Total Semester Credits	15

3rd Year - Spring Semester

HEED 380	Health Service Management	3
EDUC 200	Foundation of Education and Teaching	3
GROUP 2	Elective	3
EDUC 334	Introduction to Special Education	3
HEED 419	Health Issues and Research I	3
	Total Semester Credits	15

4th Year - Fall Semester

HEED 420	Directed Reading in Public Health, Research II	3
GROUP 3	Elective	3
SBXXX	Social or Behavioral Science	3
GROUP 4	Elective	3
HIST 350	Introduction to African Diaspora (CI)	3
	Total Semester Credits	15

4th Year - Spring Semester

HEED 450	Practicum: Field Work in Health	12
	Total Semester Credits	12

Total Credits – 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

PHYSICAL EDUCATION - PRE-PROFESSIONAL PHYSICAL THERAPY TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 105	Introductory Biology for Majors I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
INSS 141 or COSC 110	Information, Technology & Media Literacy (IM)	3
ORIE 103	Freshman Orientation	1
PHEC 200	Foundations and Principles of Physical Education	3
PHEC XXX	Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 106	Introductory Biology for Majors II	4
ENGL 102	Freshman Composition II (EC)	3
HHXXX	Healthful & Healthful Living Elective (HH)	3
MATH 113	Introduction to Mathematical Analysis I (MQ)	4
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
	Total Semester Credits	16

2nd Year - Fall Semester

BIOL 201	Anatomy and Physiology I	4
CHEM 105	Principles of General Chemistry I (BP)	4
PHEC 211	Prevention and Care of Athletic Injuries	2
PHEC XXX	Activity Course	1
PHIL 109	Introduction to Logic (CT)	3
	Total Semester Credits	14

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
BIOL 202	Anatomy and Physiology II	4
CHEM 106	Principles of General Chemistry II	4
MATH 114	Intro. to Mathematical Analysis II	4
PHEC 212	Physical Inspection and Diagnosis	2
	Total Semester Credits	17

3rd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
PHEC 358	Measurement and Evaluation	3
PHEC 411	Physiology of Exercise	3
PHYS 203	General Physics-Fundamentals of Physics I	4
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	16

3rd Year - Spring Semester

PHEC 326	Adapted Physical Education	3
PHEC 412	Kinesiology	3
PHEC 498	Organization and Administration of Physical Education	3
PHYS 204	General Physics-Fundamentals of Physics II	4
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	16

4th Year - Fall Semester

HIST 350	Introduction to the African Diaspora (CI)	3
PHEC 311	Therapeutic Modalities	3
PYSC 210	Abnormal Psychology	3
SOCI 351	Introduction to Social Statistics	3
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
	Total Semester Credits	14

4th Year - Spring Semester

HEED 450	Practicum	12
	Total Semester Credits	12

Total Credits – 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

PHYSICAL EDUCATION - DANCE EDUCATION TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 105	Introductory Biology for Majors I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
HHXXX	Healthful & Healthful Living Elective	3
ORIE 103	Freshman Orientation	1
PHEC 200	Foundations and Principles of Physical Education	3
PHEC XXX	Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 106	Introductory Biology for Majors II	4
EDUC 200	Foundations of Education and Teaching	4
ENGL 102	Freshman Composition II (EC)	3
MATH 109	College Mathematics (MQ)	4
	Total Semester Credits	15

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology	4
PHEC 211	Prevention and Care of Athletic Injuries	2
PHEC XXX	Activity Course	1
PHIL 109	Introduction to Logic (CT)	3
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	16

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
BIOL 202	Anatomy and Physiology	4
EDUC 301	Learning Theory	3
EDUC 303	Electronic Instruction	3
PHEC XXX	Activity Course	1
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	17

3rd Year - Fall Semester

CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	4
PHEC 358	Measurement and Evaluation	3
PHEC 411	Physiology of Exercise	3
PHEC 425	Dance Theory	2
PHEC XXX	Activity Course	1
SCED 429	Methods for Teaching Reading in the Secondary Content Area I	3
	Total Semester Credits	16

3rd Year - Spring Semester

PHEC 326	Adapted Physical Education	3
PHEC 412	Kinesiology	3
PHEC 420	Dance Composition	2
PHEC 498	Organization and Administration of Physical Education	3
SCED 430	Methods for Teaching Reading in the Secondary Content Area II	3
	Total Semester Credits	14

4th Year - Fall Semester

EDUC 415	Cultural Influences and Diversity in the School	3
EDUC 435	Methods and Materials for Teaching Physical Education	3
HIST 350	Introduction to the African Diaspora (CI)	3
PHEC 401 or PHEC 404	Movement Education or Perceptual Motor Development	3
SCED 302	Principles of Teaching in Secondary School	3
	Total Semester Credits	15

4th Year - Spring Semester

EDUC 488	Internship Practicum	12
	Total Semester Credits	12

Total Credits - 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

PHYSICAL EDUCATION – TEACHER EDUCATION TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 105	Introductory Biology I (BP)	4
ENGL 101	Reading and Writing I (EC)	3
HHXXX	Healthful & Healthful Living (HH)	3
ORIE 103	Freshman Orientation	1
PHEC 200	Foundations and Principles of Physical Education	3
PHEC XXX	Physical Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 106	Introductory Biology II	4
EDUC 200	Foundations of Education and Teaching	4
ENGL 102	Reading and Writing II (EC)	3
MATH 109	College Mathematics (MQ)	4
	Total Semester Credits	15

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology	4
CHEM 101 or PHYS 101	General Chemistry or Recommended: Physics (BP)	4
PHEC 211	Prevention and Care of Athletic Injuries	2
PHIL 109	Introduction to Logic (CT)	3
	Total Semester Credits	16

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
BIOL 202	Anatomy and Physiology	4
EDUC 301	Learning Theory	3
EDUC 303	Electronic Instruction (IM)	3
PHEC XXX	Physical Activity Course	1
PHEC XXX	Physical Activity Course	1
	Total Semester Credits	15

3rd Year - Fall Semester

PHEC 358	Measurement and Evaluation	3
PHEC 411	Physiology of Exercise	3
PHEC XXX	Physical Activity Course	1
PHEC XXX	*Coaching Course	1
SBXXX	Social & Behavioral Science Elective	3
SCED 429	Methods for Teaching Reading in the Secondary Content Area I	3
SBXXX	Social & Behavioral Science Elective	3
	Total Semester Credits	17

3rd Year - Spring Semester

PHEC 326	Adapted Physical Education	3
PHEC 412	Kinesiology	3
PHEC 498	Organization and Administration of Physical Education	3
PHEC XXX	*Coaching Course	1
PHEC XXX	Physical Activity Course	1
PHEC XXX	Physical Activity Course	1
SCED 430	Methods for Teaching Reading in the Secondary Content Area II	3
	Total Semester Credits	15

4th Year - Fall Semester

EDUC 415	Cultural Influences and Diversity in the School	3
EDUC 435	Methods and Materials for Teaching Physical Education	3
HIST 350	Introduction to the African Diaspora (CI)	3
PHEC 401 or PHEC 404	Movement Education or Perceptual Motor Development	3
SCED 302	Principles of Teaching in Secondary School	3
	Total Semester Credits	15

4th Year - Spring Semester

EDUC 488	Internship Practicum	12
	Total Semester Credits	12

*To satisfy the coaching requirement, one 2-credit course or two 1-credit coaching courses may be taken.

Total Credits – 120

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DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

PHYSICAL EDUCATION - RECREATION AND PARKS TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 105	Introductory Biology for Majors I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
INSS 141 or COSC 110	Information, Technology & Media Literacy (IM)	3
ORIE 103	Freshman Orientation	1
PHEC 200	Foundations and Principles of Physical Education	3
PHEC XXX	Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 106	Introductory Biology for Majors II	4
ENGL 102	Freshman Composition II (EC)	3
HHXXX	Healthful & Healthful Living Elective	3
MATH 109	College Mathematics (MQ)	4
PHEC XXX	Activity Course	1
	Total Semester Credits	15

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology	4
CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	4
PHIL 109	Introduction to Logic (CT)	3
RECR 329	Philosophy of Recreation and Play	3
	Total Semester Credits	17

2nd Year - Spring Semester

BIOL 202	Anatomy and Physiology	4
BUAD 200	Introduction to Business	3
AHXXX	Arts & Humanities Elective	3
PHEC 325	Intramurals: Organization & Administration	2
PHEC XXX	Activity Course	1
RECR 315	Community Recreation	3
	Total Semester Credits	16

3rd Year - Fall Semester

Foreign Language	Foreign Language Elective	3
PHEC 211	Prevention and Care of Athletic Injuries	2
PHEC 358	Measurement and Evaluation	3
PHEC 411	Physiology of Exercise	3
SBXXX	Social & Behavioral Sciences Elective	3
PHEC XXX	Activity Course	1
PHEC XXX	*Coaching Course	1
PHEC 053	Secondary & Lead—up	1
	Total Semester Credits	17

3rd Year - Spring Semester

Foreign Language	Foreign Language Elective	3
PHEC 326	Adapted Physical Education	3
PHEC 412	Kinesiology	3
PHEC 498	Organization and Administration of Physical Education	3
PHEC XXX	Activity Course	1
PHEC XXX	*Coaching Course	1
	Total Semester Credits	14

4th Year - Fall Semester

HEED 316	First Aid, Safety, and First Aid	3
HIST 350	Introduction to the African Diaspora (CI)	3
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
RECR 430	Recreation Methods and Program Planning	3
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	14

4th Year - Spring Semester

RECR 470	Practicum: Field Work Experience	12
	Total Semester Credits	12

*To satisfy the coaching requirement, one 2-credit course or two 1-credit coaching courses may be taken.

Total Credits 120

MORGAN STATE UNIVERSITY

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, RECREATION AND DANCE

PHYSICAL EDUCATION - SPORTS ADMINISTRATION TRACK

CURRICULUM SEQUENCE

1st Year – Fall Semester

BIOL 105	Introductory Biology I (BP)	4
ENGL 101	Freshman Composition I (EC)	3
HHXXX	Healthful & Healthful Living Elective	3
ORIE 103	Freshman Orientation	1
PHEC 200	Foundations and Principles of Physical Education	3
PHEC XXX	Activity Course	1
	Total Semester Credits	15

1st Year – Spring Semester

BIOL 106	Introductory Biology II	4
ENGL 102	Freshman Composition II (EC)	3
INSS 141	Intro to Computer-Based Systems in Business (IM)	3
MATH 113	Introduction to Math Analysis I (MQ)	4
PHEC XXX	Activity Course	1
	Total Semester Credits	15

2nd Year - Fall Semester

AHXXX	Arts & Humanities Elective	3
BIOL 201	Anatomy and Physiology	4
PHEC 211	Prevention and Care of Athletic Injuries	2
PHEC XXX	*Coaching Course	1
PHIL 109	Introduction to Logic (CT)	3
SBXXX	Social & Behavioral Sciences Elective	3
	Total Semester Credits	16

2nd Year - Spring Semester

AHXXX	Arts & Humanities Elective	3
BIOL 202	Anatomy and Physiology	4
HEED 316	First Aid, Safety, and First Aid	3
MKTG 331	Principles of Marketing	3
PHEC 209	Management of Sport Programs	3
	Total Semester Credits	16

3rd Year - Fall Semester

ACCT 201	Accounting I	3
CHEM 101 or PHYS 101	General Chemistry or Physics (BP)	4
PHEC 359	Psycho-Social Dimensions of Sport	3
PHEC 411	Physiology of Exercise	3
PHEC XXX	*Coaching Course	1
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
	Total Semester Credits	16

3rd Year - Spring Semester

ACCT 202	Accounting II	3
MGMT 324	Organizational Behavior	3
PHEC 326	Adapted Physical Education	3
PHEC 412	Kinesiology	3
PHEC 498	Organization and Administration of Physical Education	3
	Total Semester Credits	15

4th Year - Fall Semester

BUAD 381	Legal and Ethical Environment of Business	3
HIST 350	Introduction to the African Diaspora (CI)	3
SBXXX	Social & Behavioral Sciences Elective	3
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
PHEC XXX	Activity Course	1
PHEC 358	Measurement and Evaluation	3
	Total Semester Credits	15

4th Year - Spring Semester

PHEC 499	Internship Practicum	12
	Total Semester Credits	12

***To satisfy the coaching requirement, one 2-credit course or two 1-credit coaching courses may be taken.**

Total Credits – 120

TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT

IOLA RAGINS SMITH; Associate Professor: THURMAN BRIDGES, MARCIEA MONIQUE MCMILLIAN; Assistant Professor: SIMONE GIBSON; Lecturer: DELORES ALEXANDER, HENRIETTA WRIGHT; Field Experience Coordinator: KEA SMITH; Program Directors: MARILYN RONDEAU (Master of Arts in Teaching [M.A.T.], M.S. in Educational Administration and Supervision, and the Aspiring Leaders Program), MARGARET SPICER Professional Development Schools); Coordinators of the Professional Development Schools: VIRGINIA JOHNS.

Teacher education at Morgan State University is built upon a philosophy that is in keeping with the role of the institution and the general purposes it serves. It is designed signed to complement the historical liberal arts character of the institution. Programs for preparing teachers reflect the University's urban mission and are viewed as an all University activity dedicated to the purpose of preparing competent, sensitive and socially aware professional educational personnel who can function effectively in today's rapidly changing society. These programs, which may be characterized as being especially sensitive to urban issues, provide the student with opportunities to develop a broad repertoire of abilities and competencies essential to success in guiding the learning activities of students, particularly urban students, of all ages. The programs reflect a basic philosophical rationale which includes the following factors:

1. Recognition of the fact that learning is an activity that is continuous throughout life and that organized learning activities extend beyond the traditional classroom.
2. Consideration of the unique educational problems that confront urban youth, and of the ways that sound pedogogical, psychological and sociological principles and theories may be utilized in effecting solutions for these problems.
3. Awareness of the fact that the preparation of teachers must include a sound foundation in the liberal arts as well as in the subject matter that is to be taught.
4. Recognition that the preparation of teachers is a joint responsibility requiring meaningful involvement of elementary and secondary school personnel.
5. Awareness that there is a need for continuous and systematic evaluation of graduates with results utilized to keep the programs dynamic, relevant and responsive to current societal needs.
6. Commitment to the principle that education be viewed as a force in developing a pluralistic, multicultural society where individuals of various racial and ethnic backgrounds reach maximum potential as productive citizens.

7. Commitment to the demonstration of professionalism through the practices of teaching and leadership, and to the improvement of performance through study and research.

The Department of Teacher Education and Professional Development offers certification in two areas: an undergraduate program in elementary education and a dual undergraduate and graduate program in secondary education. Each certification program is described below.

THE ELEMENTARY EDUCATION PROGRAM (Grades 1-6)

THE PROGRAM

The Elementary Education Certification Program offers courses and learning experiences designed to prepare teaching candidates for an elementary school teaching career. These courses and experiences are designed to enable the candidate to demonstrate:

1. Mastery of the content of the elementary school subjects.
2. Skill in implementing basic principles of teaching and learning, integrating theory relating to curricula with practice.
3. Ability to plan effective teaching-learning activities for the elementary school learner by stating objectives in terms of expected behavioral outcomes and by evaluating elementary school instruction in terms of stated objectives.
4. Knowledge of the changing role expectations that society holds for elementary school education by exhibiting an understanding of widely accepted articulated goals of education and curricular organization as reflected by these goals.
5. Commitment to continuous professional growth by regularly examining his/her academic knowledge and competence and by assuming responsibility for his/her learning and development.
6. Knowledge of the elementary school curriculum in relation to the learner's development and his/her social, cultural and linguistic background as related to the larger society.
7. Ability to use first-hand experiences, media, and technology in developing concepts and skills taught in the elementary schools.
8. Knowledge of the multitudinous ways in which learners differ and of the procedures available for adapting instruction to complement learner diversity.
9. Ability to use a variety of instructional strategies aimed toward enhancing the learner's higher ordered learning and performance skills.
10. Knowledge and implementation of diverse motivational strategies that are aimed toward enhancing the learner's self-motivation and ability to engage in positive social interaction.

REQUIREMENTS: The Elementary Education Program includes the broad base of liberal arts courses required of all University students. These requirements

are described in this catalog under "Requirements for Graduation." Specific requirements for the elementary teacher education programs are as follows:

1. ***Academic Courses (Supporting Courses):*** The general studies program of the University provides a solid base of courses and learning experiences for the prospective elementary school teacher. To strengthen and broaden this base, a sequence of additional courses (supporting courses) has been assigned and is required for completion of the Elementary Education Program. The courses include the following: ENGL 250 and ENGL 353; GEOG.101 (Recommended); SPCH 101; SCIENCE Elective – 4 credits recommended to be EASC 205; MATH 107, 108, 110 and 205 (MATH 110 will be used to satisfy the general education mathematics and Quantitative Reasoning requirement);

2. ***Professional Education Courses:*** All professional education courses, as well as general education and supporting courses, must be completed prior to enrolling in student teaching (ELED 487). Professional education courses include: EDUC 200, EDUC 222, EDUC 301, EDUC 334, EDUC 415, EDUC 480, EDUC 486, EDUC 489, ELED 210, ELED 310, ELED 316, ELED 318, EDUC 412, ELED 475, ELED 476, ELED 478, ELED 479, and ELED 487. ELED 487, "Student Teaching in the Elementary School," (12 credits) is the last course in the professional sequence.

3. ***Professional Methods Courses and Student Teaching:*** Unconditional admission to the Teacher Education Program is required for enrollment in the methods courses and student teaching.

4. ***Practicum:*** Candidates must complete 100 consecutive days of the student teaching practicum in order to be eligible for graduation/ certification. NB: Elegibility for the 100-consecutive day internship practicum requires mandatory fingerprinting. A fee is required.

5. ***PRAXIS:*** Candidates must register and sit for the PRAXIS Core test (3) by the end of their sophomore year. Successful completion of the Praxis Core and the appropriate Praxis II assessments, prior to graduation, is mandatory. Candidates who fail to satisfy all graduation criteria (including achieving a passing score on the Praxis Core and Praxis II examinations) are not eligible for graduation and will not be permitted to participate in the graduation exercises. Praxis Core and Praxis II scores must be submitted to the Department Chair by November 1 (fall graduation) or April 1 (spring graduation).

6. ***GPA:*** Candidates must acquire and maintain a GPA of 2.75 (or higher) in order to be eligible for graduation.

7. ***MSU outcomes assessment*****:** Candidates must complete all MSU/Departmental Outcome Assessments.

8. ***Major Exit/Program Surveys:*** Candidates must complete all Major Exit and Program Development Surveys.

DUAL DEGREE (MASTER IN THE ART OF TEACHING – M.A.T.) PROGRAM

Candidates desiring to teach at the secondary level should follow the five year M.A.T. Program described in the Graduate Catalog. The M.A.T. program requires candidates during their undergraduate years to major in the Department corresponding to the discipline in which they desire to teach. Candidates may apply to the M.A.T. progam at the end of their Sophomore year and begin taking graduate classes in the evening beginning in their Junior year.

THE PROGRAM: The Dual Certification program offers courses and learning experiences designed to provide students with: (1) those skills and competencies in professional education and subject matter fields that are required for effective teaching at the secondary school level; (2) the basic understanding and knowledge in the foundations of education that support the development of teaching as a profession; and (3) a sound basis for advanced study that will lead to more effective teaching or to careers in related areas. Successful completion of prescribed courses and experiences will enable the teacher education candidate to demonstrate:

1. Mastery of the content of the secondary school subjects.
2. Skill in implementing basic principles of teaching and learning, integrating theory relating to curricula with practice.
3. Ability to plan effective teaching-learning activities for the secondary school student by stating objectives in terms of expected behavioral outcomes and by evaluating secondary school instruction in terms of stated objectives.
4. Knowledge of the changing role expectations that society holds for secondary school education by exhibiting an understanding of the articulated goals of education curricular organization.
5. Commitment to continuous professional growth by regularly examining his/her academic knowledge and competence and by assuming responsibility for his/her learning development.
6. Knowledge of the secondary school curriculum in relation to the learner's development and his/her social, cultural and linguistic background as related to the larger society.
7. Ability to use first-hand experiences, media and technology in developing concepts and skills
8. Knowledge of the multitudinous ways in which learners differ and of the procedures available for adapting instruction to complement learner difersity.
9. Ability to use a variety of instructional strategies aimed toward enhancing the learner's higher ordered learning and performance skills.
10. Ability to use diverse motivational strategies.

The Department offers the dual degree program for the preparation of secondary school teachers in the following subject areas: Art, Biology, Chemistry, English, History, Mathematics, Music, Physics, and Physical Education with a concentration in one of the following: Health, Recreation, Pre-Professional Physical Therapy, and Sports Administration. See graduate catalog

REQUIREMENTS: The dual teacher education preparation program includes the broad base of liberal arts courses required of all University students. These requirements are described in this catalog under "Requirements for Graduation." Specific requirements for candidates enrolling in secondary teacher education programs are as follows:

1. ***Academic Courses:*** Candidates preparing to teach in secondary schools must complete major requirements in an appropriate teaching field as prescribed by the Department or School in which the major is pursued.
2. ***Professional Education Courses:*** Professional education courses are pursued at the graduate level. Candidates who earn a cumulative 3.0 average may begin taking graduate courses during their junior year. Information concerning the five-year dual program (M.A.T.) may be found in the graduate catalog.
3. ***Professional Methods Courses and Student Teaching:*** Unconditional admission to the Teacher Education Program is required for enrollment in the methods courses and student teaching.
4. ***PRAXIS Core:*** Candidates must attain the the qualifying score on the PRAXIS Core in order to enroll in the graduate Methods course.
5. Candidates must complete 100 consecutive days of the student practicum in order to be eligible for certification as having been graduated from an approved program.
6. ***PRAXIS II:*** Candidates, prior to graduation, must meet the state qualifying score on the appropriate PRAXIS II tests, in order to be certified as having been graduated from a state-approved teacher-education program.
7. ***GPA:*** Candidates must acquire and maintain a GPA of 3.0 (or higher) in order to be eligible for graduation.
8. ***Praxis Core and Praxis II Scores***: Praxis Core and Praxis II scores must be submitted to the Department Chair by November 1 (fall graduation) or April 1 (spring graduation

CRITERIA FOR ADMISSION TO TEACHER EDUCATION CERTIFICATION PROGRAMS:
Elementary Education

In order to be unconditionally admitted to the Elementary Education Teacher Certification Program, the applicant:

1. has passed English 101-102 with a minimum grade of "C" in each.
2. is not pursuing "developmental courses" at the time of application.
3. has complied with the requirements for completing the application process.
4. has completed EDUC.200, ELED.210, and EDUC.301 with at least a "B" in each course.
5. has satisfied the Maryland State Department of Education's score requirements for the PRAXIS Core.
   - •Core Academic Skills for Educators: Reading (156)
   - •Core Academic Skills for Educators: Writing (162)
   - •Core Academic Skills for Educators: Math (150)
6. has earned a minimum cumulative GPA of 2.75.

TEACHER EDUCATION CERTIFICATION GRADUATION REQUIREMENT:
Elementary Education

Candidates upon completing the Elementary Education Teacher Certification Program must, prior to graduation, successfully complete (i.e., meet the state qualifying scores on) the Praxis Core and Praxis II assessments. These include: Elementary Education: Instructional Practice and Applications (5019) – (qualifying score – 155) and Principles of Learning and Teaching K – 6 (5622) - (qualifying scores 160). Additionally, candidates must acquire and maintain a mimimum cumulative grade point average of 2.75.

GENERAL EDUCATION COURSE OFFERINGS

EDUC 200 FOUNDATION OF EDUCATION AND TEACHING - *T*hree *hours; 3 credits.* This course is designed to help the pre-service teacher examine the historical, philosophical and social foundations of American education. In the context of the aforementioned foundations, course content is designed to provide him/ her with an opportunity to acquire understandings concerning the moral, social, and political dimensions of the classroom, teaching and the school. Through observation in elementary and secondary schools, he/she is given an opportunity to apply the resultant understand- ings in the socio-cultural, moral, and political context of contemporary education, to define his/her goals and to assess his/her strengths and weaknesses in light of the competencies and understandings deemed essential for the elementary or secondary teacher.

EDUC 222 SEMINAR/PRAXIS I (Academic Skills Assessment) - *T*hree *hours; 3 credit*s. This course is designed to assist teacher education candidates in preparing to pass the PRAXIS I examinations. Specifically, the candidate is introduced to test-taking procedures associated with the administration of standardized tests. Teacher candidates will be immersed in this Praxis I course and gain: a higher level of comfort with the content and structure of the Praxis tests, a better sense of how to analyze examination questions, tips on studying and taking licensure tests, and a structured and effective

Individualized Study Plan (ISP). Each candidate will complete the Pre-Professional Skills Test (PPST) in Reading, Writing and Mathematics. Results will be used to develop a comprehensive ISP which is a viable or optimal plan for individual candidate success on the Praxis I exams. Components of the ISP include: actions, activities, events, timelines, nature of tasks, assignments, monitoring strategies and progress reports.

EDUC 301 HUMAN DEVELOPMENT AND LEARNING - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with a constructive understanding of the physiological and psychological factors inherent in human growth and development and learning. In addition, this course is designed to provide the pre-service teacher with knowledge concerning the different teaching strategies that have been developed to create learning opportunities for students characterized by diversity in cultural backgrounds and exceptionalities. Practical insights predicated on research and experience-based principles are provided. The principles of human growth and development and learning are traced from early childhood through the adolescent years. Psychological implications for teaching are studied with attention given to their relations to educational practices. Opportunities for the pre-service teacher to observe elementary, middle, and/or high school children in various settings are provided (*field-experience*). Procedures for ensuring that pre-service teachers acquire strategies for developing National and State Assessment competencies in their students are emphasized. **Prerequisite:** EDUC 200.

EDUC 302 CHILD AND ADOLESCENT DEVELOPMENT - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with a constructive understanding of the physiological and psychological factors inherent in human growth and development, and learning and personality. Practical insights (predicated on research and experience-based principles for encouraging and intellectual, social, and personal development of students, with special emphasis on the various forces that affect learning behavior and personality) are provided. The study of the principles of human growth and development is traced from early childhood through the adolescent years. Psychological implications for teaching are studied with attention given to their relations to educational practices. Opportunities for the pre-service teacher to observe elementary and/or middle school children in various school settings are provided. Procedures for ensuring that pre-service teachers acquire strategies for developing State and National competencies in their students are emphasized. **Prerequisite:** EDUC 200.

EDUC 303 ELECTRONIC INSTRUCTIONAL MATERIALS - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with knowledge concerning the ways in which technological changes have impacted society and influenced learning and instructional activities in the school. Specifically, software packages that have been developed to enhance classroom instruction and learning are identified and discussed. The pre-service teacher is required to master and demonstrate skills associated with the use of aforementioned software to facilitate instruction and learning. Emphasis is placed on the use of educational technology (including the use of computers, and other technologies) to facilitate instructional, assessment and professional development activities of the pre-service teacher. The use of electronic instructional materials as a medium for ensuring the achievement of State and National Assessment objectives is demonstrated. Observations in elementary or secondary school settings provide an opportunity for the pre-service teacher to gain understandings of the impact of media on instructional and learning activities in a natural environment. **Prerequisite:** EDUC 200.

EDUC 334 INTRODUCTION TO SPECIAL EDUCATION - *Three hours; 3 credits.* This course is designed to ensure that pre-service teachers explore alternative ways of viewing, understanding and teaching the exceptional child. While this course emphasizes the cognitive and behavioral characteristics of students who are exceptional with respect to mental abilities, it addresses, also, the characteristics of students exhibiting physical and emotional exceptionalities. Relevant research findings generated by investigators from appropriate fields of inquiry undergird this course. Ethical, legal, political, moral and educational policy constraints that impact the way in which school personnel are able to interact with students exhibiting exceptionalities are addressed. Procedures for ensuring that pre-service teachers acquire strategies for developing State and National Assessment competencies in their students are emphasized. Observation in an elementary or a secondary school provides an opportunity for the pre-service teacher to ground a required research activity in a naturalistic setting. **Prerequisite:** EDUC 200.

EDUC 405 METHODS IN ART EDUCATION - *Three hours; 3 credits.* In this course, the pre-service teacher studies the instructional methodologies and materials appropriate to the teaching of art to students in grades K-12. Emphasis is placed on the acquisition of skills in long and short range planning techniques for visual arts activities for kindergarten through twelfth grade. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration, and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the preservice teacher: (1) to integrate the competencies and knowledge

acquired in major, professional and pedagogical courses so as to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students, and, (2) to create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for art are addressed. **Requisite:** Teacher education candidates enrolled in methods courses are required to participate in practicum experiences in the public schools. **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

EDUC 412 ASSESSMENT OF READING INSTRUCTION AND CLASSROOM DIAGNOSTICS - *Three hours; 3 credits.* This course is designed to assist elementary and secondary teacher education candidates in becoming proficient consumers of classroom based assessment measures and assessment data. Among the topics to be explored are legal and ethical issues related to assessment as well as the issue of possible bias in formal assessment. Factors that may contribute to reading difficulties for students will be addressed, and a discussion of how assessments can be modified to meet these students' needs will be included. Instruction will focus on building knowledge on the purposes of assessment, types of assessment tools, how to administer and use several valid, reliable, well- researched formal and informal assessments of reading and related skills, how to effectively interpret the results of assessments, and how to communicate these results in a variety of contexts. Further, candidates will demonstrate the ability to utilize assessment data to guide instructional decisions. All course activities will help candidates to acquire strategies for developing State and National Assessment competencies for elementary students. **Prerequisites:** EDUC.200, ELED.210, ELED.310 and ELED.318.

EDUC 414 ASSESSMENT OF STUDENTS - *Three hours; 3 credits.* This course provides an introduction to tests and measurement procedures appropriate to teaching in the elementary and the secondary school. Classroom activities afford pre-service teachers opportunities to use measuring techniques with discrimination in order to improve the quality of their instruction, to evaluate students, and to reach more valid judgments about the characteristics of human behavior. Attention is given to procedures employed in performance outcome assessments such as portfolioassessment and other nontraditional assessment pro- cedures. Legal, political, ethical, moral and social policy issues in testing and measurement are presented as topics for exploration and inquiry with regard to their impact on the assessment of students and the inter-action of school personnel with parents and the community. Procedures for ensuring that pre-service teachers acquire strategies for developing Nation and State Assessment competencies in their students are emphasized. Required classroom observation is used to reinforce instructional concepts. **Prerequisite:** EDUC 200.

EDUC 415 CULTURAL INFLUENCES AND MANAGING A DIVERSE LEARNING ENVIRONMENT - *Three hours; 3 credits.* This course is designed to provide the teacher candidates with sensitivity to the influences that impact upon the positive adjustment of K-12 students in the school environment, as well as those in the work force. Research-and experience-based principles of effective practice for understanding and encouraging the intellectual, social and personal development of the culturally diverse K-12 learner and the home and school environments are emphasized. The content of this course encourages the teacher candidates and other interested personnel to acquire a global perspective, and the skills/understandings necessary for interacting with members of diverse cultures. Legal, political, ethical, moral and social policy principles relevant to understanding and interacting with students exhibiting diversity in all of its various manifestations are explored. An opportunity is provided to apply acquired skills and understandings through the observation and study of elementary and/or secondary students in their school and community environments. Teacher education candidates will develop, examine and explore strategies for managing an orderly and effect ive environment for students. Procedures that will enable teacher candidates to acquire strategies for developing State and National Assessment competencies in their students will be emphasized. (Formerly Cultural Influences, Diversity and the School). **Prerequisite:** EDUC. 200.

EDUC 435 METHODS AND MATERIALS OF TEACHING PHYSICAL EDUCATION - *Three hours; 3 credits.* This course aims to help the pre- service teacher gain an understanding of the methods and the conduct of learning experiences in physical education as related to the total school program in grades K-12. It emphasizes physical education as a medium of educating the whole individual. Attention is given to an analysis of the teacher's instructional and planning activities, and the scope of his/her professional duties; the aims and objectives of physical education; the underlying factors and principles related to the selection of method and procedures; the use of management tech- niques appropriate for elementary and secondary schools; the use of resource materials; and the generation of lesson plans. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration,

and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the pre-service teacher: (1) to integrate the competencies and knowledge acquired in major, professional and pedagogical courses to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for physical education are addressed. **Requisite:** Pre-service teachers enrolled in methods courses are required to participate in practicum experiences in the public schools. **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

EDUC 459 METHODS OF TEACHING MUSIC - *Three hours; 3 credits.* This course enables the pre-serviceteacher to study the methodologies and materials appropriate to the teaching of music in grades K-12. Emphasis is placed on providing the pre-service teacher with opportunities to observe teaching/learning environments; to study parallel readings; and to master techniques/understandings appropriate to the organization of materials and the generation of lesson plans. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration, and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the pre-service teacher: (1) to integrate the competencies and knowledge acquired in major, professional and pedagogical coursesto create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for music are addressed. **Requisite:** Pre-service teachers enrolled in methods courses are required to participate in practicum experiences in the public schools. **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

EDUC 480 PHASE I METHODS SEMINAR - *One hour; 0 credits.* This course is designed to enhance the ability of the pre-service teacher to relate his classroom experience and practices to the educational and psychological theories, concepts and principles presented in the Morgan State Teacher Education curriculum. This course must taken concurrenctly with Methods course(s).

EDUC 486 SEMINAR/PRAXIS (Principles of Learning and Teaching) - *Two hours; 1 credit.* This course is designed to assist teacher education candidates in preparing to sit for PRAXIS II: Subject Assessments. The candidate is introduced to test- taking procedures associated with the administration of standardized tests. The teacher candidate is provided with opportunities to review previously administered copies of the aforementioned tests and selected topics associated with curricular experiences in the major and supporting courses. This course must be taken concurrently with ELED 487, or EDUC 488, or SCED 490, or with special permission from the Chairperson of the Department of Teacher Education and Professional Development.

EDUC 488 STUDENT TEACHING - DUAL EXPERIENCE (Art, Music, Physical Education candidates) - *Forty hours per week; 12 credits.* This course is designed to serve as the capstone experience for the pre-service teacher who is preparing to teach art, music or physical education. Specifically, this course provides the pre-service teacher with the opportunity: to observe and participate in the art of teaching at the elementary and secondary school levels; to collaborate with school colleagues, parents, and agencies in the larger community for the purpose of generating additional support for students' learning and well-being; to engage in effective interactions with parents for supporting students' learning and wellbeing; to implement practices that convey an understanding of the responsibilities, structure and activities of the teaching profession; and to reflect on his/ her teaching and its effects on student growth and learning. The pre-service teacher spends one-half of the student teaching experience in an elementary school, the other half in a secondary school. Additionally, the pre-service teacher is exposed to a student teaching experience in both an urban and a suburban setting. Gradual induction into full-time teaching responsibilities occurs in each setting. An additional student teaching fee is required for matriculation in this course. **Prerequisites:** Completion of all courses in the general, major and professional sequence, and admission to the Teacher Education Program.

EDUC 489 PHASE II – STUDENT TEACHING SEMINAR - *Two hours; 0 credits.* This course is designed to enhance the ability of the pre-service teacher to relate his classroom experience and practices to the educational and psychological theories, concepts and principles presented in the Morgan State

Teacher Education curriculum. Teacher education candidates are required to complete and present an action research study.

ELED 210 PROCESSES AND ACQUISITION OF READING - *Three hours; 3 credits.* This course will provide candidates with a theoretical foundation of the intricate processes involved in reading development. It will emphasize the response of the brain to children's acquisition of language development and reading. Teacher Education candidates will demonstrate an understanding of the theories of the reading process and the structured components of the English language. The effects of phonological and phonemic awareness in young readers will be explored as well as the distinction between phonological/phonemic awareness and phonics. Candidates will also understand the role that fluency and vocabulary play in the construction of meaning in a variety of tests. **Prerequisite:** EDUC 200 or concurrently with EDUC 200.

ELED 302 CHILD DEVELOPMENT - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with a constructive understanding of the physiological and psychological factors inherent in human growth and development, and learning and personality. Practical insights (predicated on research-and experience-based principles for encouraging the intellectual, social, and personal development of students, with special emphasis on the various forces that affect learning behavior and personality) are provided. The study of the principles of human growth and development is traced from early childhood to the beginning of the teen years. Psychological implications for teaching are studied with attention given to their relations to educational practices. Opportunities for the pre-service teacher to observe elementary and/or middle school children in various school settings are provided. Procedures for ensuring that pre-service teachers acquire strategies for developing State and National Assessment competencies in their students are emphasized. **Prerequisite:** EDUC 200.

ELED 310 INSTRUCTION OF READING - *Three hours; 3 credits.* This course is designed to equip candidates with strategies for guiding young learners to become independent readers and writers. Candidates will demonstrate knowledge of a variety of strategies that facilitate word recognition, fluency, vocabulary development and comprehension. Candidates will also be exposed to early identification and intervention strategies designed to assist learners, including very young scholars, 2nd language learners and dialect speakers experiencing difficulty in reading. Additionally, candidates will receive instruction and practice related to developing effective reading lesson plans. **Prerequisite:** EDUC. 200 and ELED.210. *Note*: *Required field experience will be attached to this course*. All teacher candidates will be REQUIRED to attend an assigned school as a group to observe lessons and engage in conversation with the teacher relevant to course content. These observations will occur on selected Tuesday or Thursday mornings during the course of the semester.

ELED 316 CURRICULUM PRINCIPLES AND INSTRUCTIONAL MANAGEMENT - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with requisite skills and knowledge related to the objectives to be achieved through the design and implementation of the elementary and middle school curricula. Factors related to instructional management andtheir implications with respect to the delivery of the curriculum in the practice of teaching in the elementary and middle school classroom are explored. Specifically, this course emphasizes the need for the planning and management of instruction to be based on knowledge of the targeted content area, sound principles of curriculum design and identified community concerns. Emphasis is placed on strategies requisite to the acquisition of State and National Assessment outcomes. Observation in elementary and/or middle schools is a required activity. **Prerequisite:** EDUC 200.

ELED 318 MATERIALS FOR TEACHING READING AND LANGUAGE ARTS - *Three hours; 3 credits.* This course is designed to assist elementary teacher candidates in selecting and evaluating appropriate materials for teaching reading and related language arts skills that are consistent with the findings of scientifically based reading research. Candidates should leave this course with an understanding of research supported programs, approaches, and methods so that they can address different levels of reading proficiency within the classroom and enable students to become strategic, fluent and independent readers. Additionally this course is designed to develop candidates' proficiency in and familiarity with appropriate concepts and practices of language at the elementary level. Candidates will use a variety of texts and other materials to encourage students' motivation, interests, and independent reading habits. Prerequisites: EDUC.200, ELED.210, and ELED.310.

ELED 412 ASSESSMENT OF READING INSTRUCTION - *Three hours; 3 credits.* This course is designed to assist candidates in becoming proficient consumers of classroom-based assessments and assessment data. Instruction will focus on building knowledge of the purpose of assessment, types of assessment tools, how to administer and use several valid, reliable well-researched formal and informal assessments of reading and related skills. Candiates will learn how to effectively interpret the results of assessments and how to communicate assessment results in a variety of contexts. Additionally, candidates will demonstrate the ability to

utilize assessment data to guide instructional decisions. Prerequisites: EDUC.200, ELED.210, ELED.310 and ELED.318.

ELED 438 METHODS AND MATERIALS OF TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL - *Two hours; 2 credits.* This course aims to help the prospective teacher gain insights into and an understanding of the methods and the conduct of learning experiences in physical education as related to the total school program. It emphasizes physical educa- tion as a medium of education for the whole individual. Particular attention is given to an analysis of the teacher and scope of his/her professional duty; the aims and ob- jectives of education principles related to the selection of method and procedures; teaching techniques appro- priate for use in elementary school; resource materials; and an opportunity for experience in instructional planning, organizing and teaching a class. **Requisite:** Pre-service teachers enrolled in methods courses are required to engage in practicum experiences connected with the course. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites**: Completion of all courses in the general, major and professional sequence.

ELED 475 INTEGRATIVE METHODS OF TEACHING LANGUAGE ARTS, AND SOCIAL STUDIES - *Three hours; 3 credits.* This course aims to acquaint the pre-service teacher with social studies content and methods as implemented in the elementary and the middle school setting. Reading methods and the expressive phases of language arts content and methods - speaking, handwriting, spelling, English usage, formal grammar, creative writing and dramatizations are also examined with a primary concern for their values as a means of expressing ideas and their integration with other aspects of the elementary and middle school curricula. Specifically, the purpose of this course is to teach the pre-service teacher to integrate the competencies and knowledge acquired in major, professional and pedagogical courses so as to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students. Moreover, this course emphasizes that the pre-service teacher must create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of his/her students in order that they might achieve higher levels of learning. The State and National Assessment outcomes for language arts and social studies are emphasized. **Requisite:** Pre-service teachers enrolled in methods courses are required to participate in practicum experiences (in elementary and/or middle schools) connected with the course. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

ELED 476 INTEGRATIVE METHODS OF TEACHING MATHEMATICS - *Two hours; 2 credits.* This course provides the teacher candidate with an understanding of basic mathematical and scientific concepts and skills that are taught in the elementary and middle school. Candidates are instructed concerning the objectives of the elementary and the middle school mathematics programs. Teacher candidates are provided with opportunities to help develop skills in utilizing modern techniques and materials in mathematics instruction. Specifically, the purpose of this course is to teach the teacher candidate to integrate the competencies and knowledge acquired in major, professional and pedagogical courses so as to create learning experiences that make central concepts, tools of inquiry and structures of the content area meaningful for all students. Moreover, this course emphasizes that the teacher candidate must create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of his/her students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for mathematics are addressed. **Requisite:** Candidates enrolled in methods courses are required to participate in practicum experiences (in elementary and/ or middle school) connected with the course. Procedures for ensuring that the teacher candidates acquire strategies for developing State and National Assessment competencies in their students are emphasized. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

ELED 478 INTEGRATIVE METHODS OF TEACHING SCIENCE - *Two hours; 2 credits.* This course provides the teacher candidate with an understanding of basic scientific concepts and skills that are taught in the elementary and middle school. Teacher candidates are instructed concerning the objectives of the elementary and the middle school science programs. Candidates are provided with opportunities to develop skills in utilizing modern techniques and materials in science instruction. Specifically, the purpose of this course is to teach the teacher candidate to integrate the competencies and knowledge acquired in major, professional and pedagogical

courses so as to create learning experiences that make central concepts, tools of inquiry and structures of the content area meaningful for all students. Moreover, this course emphasizes that the teacher candidate must create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of his/her students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for mathematics are addressed. **Requisite**: Candidates enrolled in methods courses are required to participate in practicum experiences (in elementary and/or middle school) connected with the course. Procedures for ensuring that the teacher candidates acquire strategies for developing State and National Assessment competencies in their students are emphasized. *To introduce the year-long internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive pre- requisite activities designed for a successful completion of the full internship.* (Formerly Integrative Methods of Teaching Mathematics and Science) **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

ELED 479 INTEGRATIVE METHODS OF TEACHING ART, MUSIC AND PHYSICAL EDUCATION - *Three hours; 3 credits.* This course is designed to assist the pre-service teacher in gaining skills and knowledge appropriate to the teaching of art, music and physical education in the elementary and the middle school setting. The course enables future classroom teachers to develop and to implement pedagogical skills associated with contemporary classroom practices in teaching art, music and physical education. Particular attention is given to an analysis of the teacher's role and the scope of his/her professional duty, and to an analysis of aims, objectives and educational principles as they relate to the selection of method and procedures used in instructional planning. By emphasizing art, music and physical education as opportunities for the development of the whole individual, this course stresses tenets of a humanistic approach to education. Specifically, the purpose of this course is to teach the pre-service teacher to integrate the competencies and knowledge acquired in major, professional and pedagogical courses to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students. Moreover, this course emphasizes that the pre-service teacher must create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of his/her students in order that they might achieve higher levels of learning. Appropriate State and National Assessment outcomes are addressed. **Requisite:** Pre-service teachers enrolled in methods courses are required to participate in practicum experiences (in elementary and/or middle school) connected with the course. *To introduce the year-long internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive pre-requisite activities designed for a successful completion of the full internship.* **Prerequisites:** Completion of all professional education requirements, senior status, and admission to the Teacher Education Program.

ELED 487 STUDENT TEACHING IN THE ELEMENTARY SCHOOL - *Forty hours per week; 12 credits.* This course is designed to serve as the capstone experience for the pre-service teacher who is preparing to teach in the elementary and/or middle school. Specifically, this course is designed to provide the preservice teacher with an opportunity to observe and participate in the art of teaching at the elementary and/ or middle school level; to collaborate with school colleagues, parents, and agencies in the larger community for the purpose of generating additional support for students' learning and well-being; to engage in effective interactions with parents for the purpose of generating additional support for students' learning and well- being; to implement practices that convey an understanding of the responsibilities, structure and activities of the teaching profession; and to reflect on his/her teaching and its effects on student growth and learning. The pre-service teacher is placed in the public schools of Baltimore City and nearby counties and is assigned to contrasting cultural and instructional teaching situations. Through observation, participation and seminars, students are gradually inducted into full-time teaching responsibilities. Supervision is cooperatively provided by members of the departmental staff at Morgan State University and a classroom teacher (cooperating teacher of the public school system). An additional student teaching fee is required for matriculation in this course. **Prerequisites:** Comple-tion of all courses in the general, major and professional sequence, and admission to the Teacher Education Program. *NOTE: Pr*e-service teachers enrolled in this course are required to engage in field or laboratory experiences two hours weekly in a school or an appropriate setting to complement the study of the curriculum.

SECONDARY EDUCATION COURSE OFFERINGS

SCED 302 PRINCIPLES OF TEACHING IN SECONDARY SCHOOL - *Three hours; 3 credits.* This course includes a consideration of the objectives of secondary education and the function of the teacher in the realization of these objectives. Attention is given to questioning, assignment, procedures, lesson planning, training in unit and project teaching, adjustment to individual needs, the

contract assignment, quizzes, examinations, marking systems, socialized procedures and the theory underlying the core curriculum. **Prerequisite:** EDUC 200. (SPRING).

SCED 307 ADOLESCENT PSYCHOLOGY - *Three hours; 3 credits.* This course is designed to provide the pre-service teacher with an opportunity to familiarize himself/herself with the problems and phenomena of adolescence. The course emphasizes research-and experience-based principles of effective practice that the preservice teacher can employ to encourage the intellectual, social, and personal development of students. Additionally, it emphasizes research-and-experience-based principles of individual and group motivation that the pre-service teacher can employ to ensure that his/her students engage in positive social interactions and active learning activities, and exhibit self-motivational behavioral tendencies. Procedures for ensuring that pre-service teachers acquire strategies for developing MSA competencies in their students will be emphasized. Observation in the secondary school is required. **Prerequisite:** EDUC 200. (SPRING).

SCED 429 METHODS OF TEACHING READING IN THE SECONDARY CONTENT AREA, PART I- *Three hours; 3 credits.* This course is designed for candidates seeking secondary teaching certification. It emphasizes the purposes for reading, various methods for assessing students' reading, cognitive strategies and skills, which fosters independent readers and meaningful student-centered instruction. Ten (10) hours of clinical experiences are required in an appropriate school setting. (FALL).

SCED 430 METHODS OF TEACHING READING IN THE SECONDARY CONTENT AREA, PART II - *Three hours; 3 credits.* This course reviews and expands the content from Methods of Teaching Reading in the Secondary Content Areas Part I. It emphasizes types of reading, skills in reading, multimedia resources and strategies for helping students communicate effectively about what they read in content area texts. It also focuses on various types of teaching assessments and their interpretation. Ten (10) hours of clinical experiences are required in an appropriate school setting. (SPRING).

SCED 450 METHODS AND MATERIALS FOR TEACHING HIGH SCHOOL ENGLISH - *Three hours; 3 credits.* The purpose of this course is to help the pre-service teacher acquire the abilities, understanding and skills needed in teaching English at the secondary school level. This course includes the study of aims, objectives and methods of teaching English at the secondary school level; theselection of course content and its organization; the study of typical units in composition and literature; and the study of teacher planning, evaluation and related co-curricular activities. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration, and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the pre-service teacher: (1) to integrate the competencies and knowledge acquired in major, professional and pedagogical courses to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experimental, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementations of MSA outcomes for English are addressed. **Requisite:** Students enrolled in methods courses are required to participate in practicum experiences in the public schools. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites:** Completion of all professional education requirements and senior status.

SCED 452 METHODS OF TEACHING HISTORY AND SOCIAL STUDIES IN THE SECONDARY SCHOOL - *Three hours; 3 credits.* This course stresses: the objectives of history and social studies in secondary schools; the selection of subject-matter; parallel reading; courses of study; the development of social studies from the community point of view; reference books, maps, charts and other auxiliary material; the organization of materials; lesson plans; and measuring results. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the pre-service teacher: (1) to integrate the competencies and knowledge acquired in major, professional and pedagogical courses so as to create learning experiences that make the central concepts, tools of in- quiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experimental, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementationsof

State and National Assessment outcomes for social studies are addressed. **Requisite:** Students enrolled in methods courses are required to participate in practicum experiences in the public schools. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites:** Completion of all professional education requirements and senior status.

SCED 453 METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS - *Three hours; 3 credits.* This course is designed to help the pre-service teacher acquire the skills, understandings and abilities needed in teaching science (biology or chemistry or physics) at the secondary school level. The following topics are included: (1) the methods of the scientist and their application to the methods of the science teacher; (2) the role of motivation and the learning environment in the student's acquisition of science concepts; (3) the necessity of developing course content to meet the changing demands of scientific endeavors; and (4) the role of demonstration projects and experimentation in the student's acquisition of scientific concepts. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration, and supportive interactions in the classroom; and, (2) in the application of effective planning, management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it purposes to teach the pre-service teacher: (1) to integrate competencies and knowledge acquired in major, professional and pedagogical courses so as to create learning experiences that make the central concepts, tools of inquiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes for science are addressed. **Requisite:** Students enrolled in methods courses are required to participate in practicum experiences in the public schools. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship* **Prerequisites:** Completion of all professional education requirements and senior status.

SCED 454 METHODS OF TEACHING FAMILY AND CONSUMER SCIENCES - *Three hours; 3 credits.* This course emphasizes the aims, methodologies, and principles of teaching family and consumer sciences at the secondary school level. The course stresses selection of subject matter, organization of materials, subject-matter teaching techniques, and evaluation. **Prerequisites:** Completion of all professional education requirements and senior status.

SCED 456 METHODS OF TEACHING MATHEMATICS - *Three hours; 3 credits.* This course stresses the following activities that are important to the skills acquisition of pre-service teachers: the objectives of Mathematics in secondary schools; the selection of subject matter; the development of lesson plans; the use of textbooks and supplementary materials; the interpretation of measurement results; the appropriate use of teaching strategies; and the interpretation of standardized test results. Specifically, this course is designed to assist the pre-service teacher: (1) in the use of effective verbal, nonverbal and media communications to foster active inquiry, collaboration, and supportive interactions in the classroom; and, (2) in the application of effective planning management and instructional techniques that are based on knowledge of the content area, and on community and curriculum needs. This course serves two integrative functions as it proposes to teach the preservice teacher: (1) to integrate the competencies and knowledge acquired in major, professional and pedagogical courses so as to create learning experiences that make the central con- cepts, tools of inquiry and structures of the content area meaningful for all students; and, (2) to create learning experiences that build on the experiential, cultural, racial, gender and socioeconomic diversity of students in order that they might achieve higher levels of learning. Knowledge and procedures required for the successful implementation of State and National Assessment outcomes in mathematics are addressed. **Requisite:** Teacher education candidates enrolled in methods courses are required to participate in practicum experiences in the public school. *To introduce the yearlong internship, and to comply with the 100 consecutive days expectations, candidates will be required to attend seminars during the first and second semester. The interns will receive prerequisite activities designed for a successful completion of the internship.* **Prerequisites:** Completion of all professional education requirements and senior status.

SCED 490 OBSERVATION AND STUDENT TEACHING IN THE SECONDARY SCHOOL - (English, Biology, chemistry, History, Mathematics, Physics) - *Forty hours per week; 12 credits.* This course is designed to serve as the capstone experience for the pre-service teacher who is preparing to teach in the secondary school. Specifically, this course provides the pre-service teacher with an opportunity to study the art of teaching

by extended observation of and actual experience in teaching secondary school students; to collaborate with school colleagues, parents, and agencies in the larger community for the purpose of generating additional support for students' learning and well-being; to engage in effective interactions with parents for the purpose of generating additional support for students' learning and well-being; to implement practices that convey an understanding of the responsibilities, structure and activities of the teaching profession; and to reflect on his/her teaching and its efforts on student growth and learning. Seminars are provided to help the pre-service teacher solve problems related to his/her teaching experiences and to deal with other professional matters. The pre-service teacher is placed in the public schools of Baltimore City and nearby counties and is assigned to contrasting cultural and instructional situ- ations. The University provides a staff representative who works with the cooperating teacher and with the pre- service teacher by making frequent visits to the schools. An additional student teaching fee is required for matriculation in this course. **Prerequisites:** Complion of all methods and professional education courses in the general, major and professional sequence, and admission to the Teacher Education Program.

MORGAN STATE UNIVERSITY
DEPARTMENT OF TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT PROFESSIONAL EDUCATION CURRICULUM SEQUENCE: UNDERGRADUATE
PHYSICAL EDUCATION CANDIDATES

This sequence, which consists of forty-five credit hours, begins with the course, "Foundations of Education and Teaching," and culminates in the student teaching practicum. Students may not enroll in 300 level education courses without first having successfully passed (grade "C" or better) EDUC 200. Only students who have been admitted to the Teacher Education Program unconditionally will be permitted to register for: (1) Methods and (2) Student Teaching. **Teacher candidates must complete 100 consecutive days of the required internship in order to be eligible for graduation. Only those students who have successfully passed the appropriate Praxis I and II tests will be certified as having been graduated from a State approved program. Praxis I and II scores must be submitted to the Department Chair by November 1 (fall graduation) or April 1 (spring graduation). The undergraduate Secondary Education course sequence (effective fall 2010) is as follows:**

Course Number	Course Title	Credits
EDUC 200	Foundations of Education and Teaching	3
EDUC 301	Human Development and Learning	3
SCED 302	Principles of Teaching in Secondary Schools	3
EDUC 303	Electronic Instructional Materials	3
SCED 307	Adolescent Psychology	3
EDUC 334	Introduction to Special Education	3
EDUC 415	Cultural Influences & Managing a Diverse Learning Environment	3
SCED 429	Methods of Teaching Reading in the Secondary Content Area, Part 1	3
SCED 430	Methods of Teaching Reading in the Secondary Content Area, Part 11	3
*SCED/EDUC XXX	Methods of Teaching (Area of Specialization)	3
Course Number Depends on your area of specialization		
EDUC 480	Phase I Internship	0
EDUC 488	Student Teaching Dual Experience	12
(Art, Music, or Phys Ed Majors		
or		
SCED 490	Student Teaching	12
*EDUC 489	Phase II Internship	0
		Total 42

Recommended Courses	
EDUC 222 Seminar/PRAXIS I (Academic Skills Assessment)	3
EDUC 486 Seminar/PRAXIS II (Principles of Learning and Teaching, and Specialty Areas)	1

*Teacher candidates must enroll in EDUC 480 (Phase I Internship) concurrently with the appropriate Methods course, and enroll in EDUC 489 concurrently with EDUC 488 and SCED 490.

DEPARTMENT OF TEACHER EDUCATION AND PROFESSIONAL DEVELOPMENT
CURRICULUM SEQUENCE: ELEMENTARY EDUCATION

NB: Students must follow the extant program at the time of Morgan State Matriculation. Students may not enroll in 300 and above level education courses without first having passed (grade "C" or better) EDUC.200. A fee for LIVE TEXT is associated with some of the courses. Eligibility for the 100 consecutive day internship practicum requires mandatory finger printing. A fee is required for finger printing. In order to be eligible for graduation, all students must: 1) earn the Maryland State qualifying score on the Praxis Core & Praxis II assessments; 2) earn a grade of at least "C" on all major, supporting and developmental courses; 3) complete 100 consecutive days of the internship practicum; 4) complete all MSU/Departmental Outcome Assessments; 5) complete all Major Exit and Program Developmental Surveys; 6) earn a GPA of **2.75** or better. **Praxis CORE & Praxis II scores must be submitted to the Department Chair by November 1 (fall graduation) or April 1 (spring graduation). Students who fail to satisfy all graduation criteria will not be permitted to participate in the graduation exercises.**

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	**EC**-FRESHMAN COMPOSITION 1	3
[1]BIOL 101	**BP**-INTRODUCTORY BIOLOGY I	4
ORED 103	FRESHMAN ORIE SEUS	1
[1]HIST 105	**SB**-U.S. HISTORY I	3
EDUC 200	FOUND OF EDUC & TEACHING	3
PHEC ---	PHYS ED ELEC	1
		15

FRESHMAN YEAR (SECOND SEMESTER)

SPCH 101	PRINCIPLES OF SPEECH	3
ENGL 102	**EC**-FRESHMAN COMPOSITION II	3
[1]PSYC 101	**SB**-GENERAL PSYCHOLOGY	3
[2]MATH 107	THE NUMBER SYSTEM	3
ELED 210	PROCESS/ACQUISITION READING	3
		15

SOPHOMORE YEAR (FIRST SEMESTER)

XXX ---	**BP**-PHYSICAL SCIENCE	3
[2]MATH 108	GEOMETRY & MEASUREMENT	3
PHIL 109	**CT**-INTRO TO LOGIC	3
[1]HUMA 201	**AH**-INTRO TO HUMANITIES I	3
[3]EDUC 222	PRAXIS CORE (Academic Skills for Educators)	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

XXX ---	**HH-HEALTH & HLTHFUL LIV**	3
[2]MATH 110	**MQ**-ALG, FUNC & ANAL GEOM	3
[1]ART 308	**AH-THE VISUAL ARTS**	3
[1]EASC 205	EARTH SCIENCE	4
EDUC 301	HUMAN LEARNING & CHILD DEVELOPMENT	3
		16

JUNIOR YEAR (FIRST SEMESTER)

MATH 205	PROB, STATS & DISCRETE MATH	3
ENGL 250	VOCABULARY DEVELOMPMENT	3
ELED 310	INSTRUCTION OF READING	3
EDUC 334	INTRO TO SPECIAL EDUCATION	3
[4]GEOG 101	INTRO TO GEOGRAPHY	3
		15

JUNIOR YEAR (SECOND SEMESTER)

[1]EDUC 303	**IM**-ELEC INSTRUC MATERIALS	3
ELED 316	CURR PRIN & INSTR MGMT	3
ELED 318	MATERIALS FOR TEACHING READING & LANGUAGE ARTS	3
HIST 350	**CI**-INTRO TO AFRICAN DIASPORA	3
ENGL 353	ADVANCE GRAMMAR	3
		15

[5]SENIOR YEAR (FIRST SEMESTER)

ELED 412	ASSESSMENT OF RDNG INSTRUCTION & CLASSROOM DIAGNOSTICS	3
EDUC 415	CULTURAL INFL & MANAGING A DIVERSE LRNING ENVIRONMENT	3
ELED 475	INTEGRATED METH OF LA/SS	3
ELED 476	INTEGRATED METH OF TCHNG MATH	2
ELED 478	INTEGRATED METH OF TCHNG SCI	2
ELED 479	INTEGRATED METHODS OF TCHNG ART, MUSIC, & PHYS ED	3
[6]EDUC 480	PHASE I INTERNSHIP	0
[3]EDUC 486	PRAXIS II SEMINAR	1
		17

[5]SENIOR YEAR (SECOND SEMESTER)

[7]ELED 487	STUDENT TEACHING IN THE ELEM SCHOOLS	12
[8]EDUC 489	PHASE II INTERNSHIP SEMINAR	0
		12

[1]Recommended
[2]Or higher level Math course
[3]In addition to tuition, a fee maybe associated with this course.
[4]Recommended to be Geography 101/106. A geography supporting course is required.
[5]Only students who have been admitted to the Teacher Education Program **Unconditionally** will be permitted to register for: 1) Methods Courses (First Semester Senior Status) and, 2) Student Teaching (Second Semester Senior Status).

[6]EDUC.480 must be taken concurrently with ELED.475, 476, 478, and 479.
[7]A Student Teaching fee is associated with this course.
[8]ELED.489 must be taken concurrently with ELED.487.

This policy applies to qualified seniors interested in enrolling in graduate courses. Undergraduates improperly enrolled in graduate courses may be administratively withdrawn from the course. Undergraduates who may be admitted to accelerated bachelor's to master's degree programs should consult their program requirements on registering for and the application of graduate courses to degree requirements.

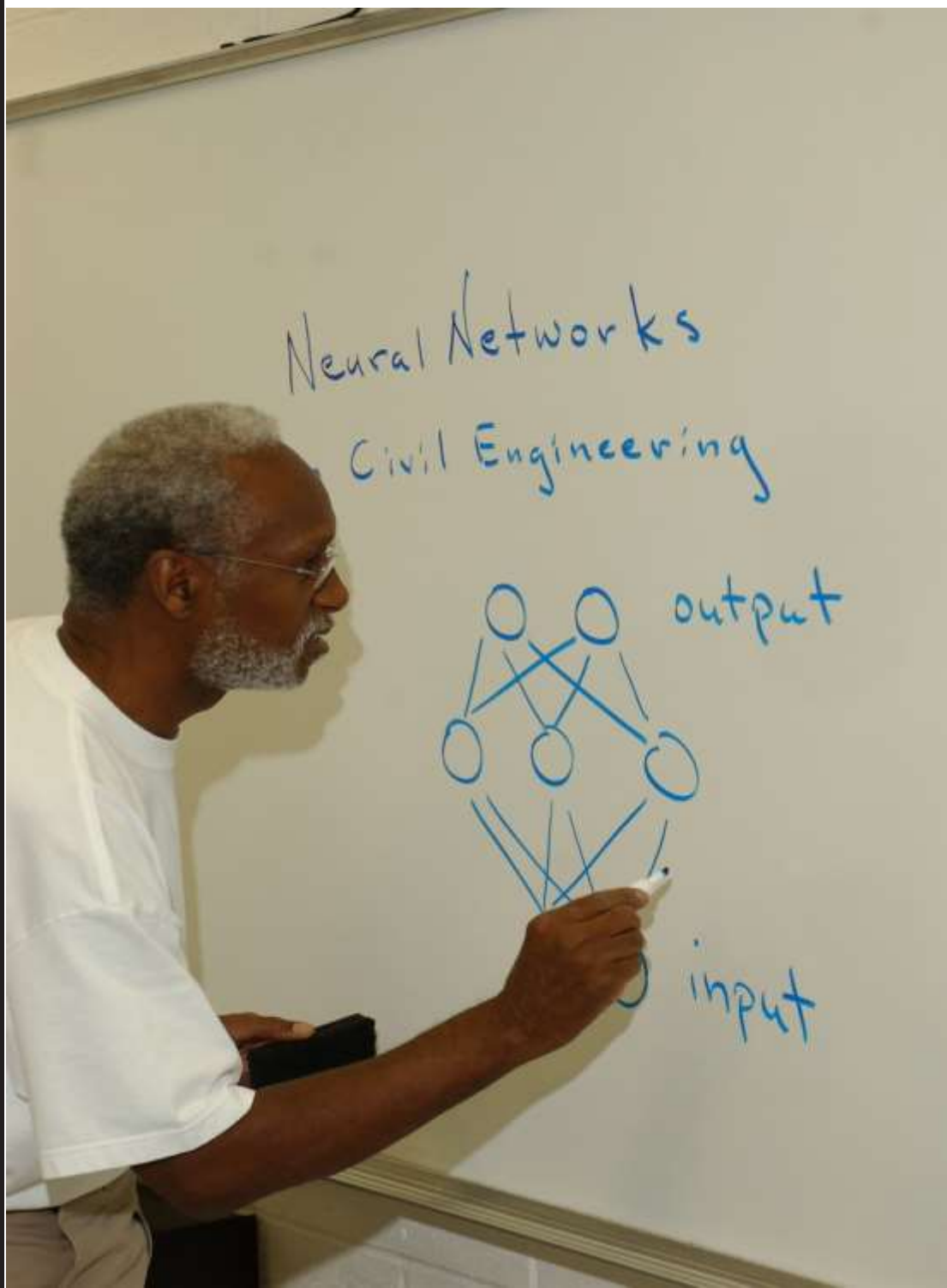
THE SCHOOL OF ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE STUDIES



SCHOOL OF ENGINEERING

Dr. Eugene M. DeLoatch, Dean
Dr. Carl White, Associate Dean, Research & Development/Graduate and Professional Programs

The School of Engineering offers educational programs which ensure that students acquire the ability to master fundamental principles of engineering which may be applied effectively to benefit society. All efforts of the faculty and administration are directed at developing the students' potential and preparing them to assume leadership roles in their chosen profession.

GOALS AND OBJECTIVES

The primary objectives of the School of Engineering are as follows:

- Establish a School of Engineering of the first rank.
- Instill in its students the confidence and competence required to meet the challenges associated with careers in engineering.
- Produce competitive engineers who have negotiated a well-balanced curriculum based on regional and national accreditation guidelines.
- Exhibit educational leadership in accomplishing the task of increasing the representation of African Americans and others who are underrepresented among engineering professionals.

The School of Engineering awards the Bachelor of Science degree in Civil Engineering, Electrical Engineering, Industrial Engineering, and Transportation Systems. All of the Engineering programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.

Bachelor of Science to Master of Engineering (B.S./M.Eng)

Purpose

The purpose of the Bachelor of Science/Masters of Engineering (B.S./M.Eng.) degree program is to enable well qualified and highly motivated undergraduate students majoring in Engineering to obtain both a bachelor's and master's degree in a minimum of five years. The B.S./M.Eng. program is applicable to the Bachelor of Science (B.S.) degrees in the three engineering disciplines (Civil, Electrical, and Industrial) and the Master of Engineering (M.Eng.) degree within the Clarence M. Mitchell, Jr. School of Engineering. The goal of the B.S./M.Eng. program is to accelerate the production of engineering professionals who are capable of entering into the technology workforce and making significant contributions to society, while safeguarding the environment.

Admission Criteria

The B.S./M.Eng. program allows students to begin graduate study (concurrent with undergraduate work) in the second semester of their junior year. Students are allowed to apply for admission into the program upon completion of 85 credits. For consideration of admission into the B.S./M.Eng. program, a student must:

The application is submitted in the first instance to the graduate coordinator of the prospective engineering department. Applications determined to be eligible, following consideration by the appropriate committee of the (MSU) engineering faculty, shall be forwarded through the Office of the Associate Dean of the School of Engineering to the School of Graduate Studies.

General Requirements

All students who seek candidacy into the B.S./M.Eng. program will be required to complete the B.S. degree requirements of their respective discipline, and a total of 33 acceptable credit hours of graduate coursework inclusive of 2 credit hours of seminar and 4 credit hours of Project Report. Successful completion and oral defense of the Report Project is required in lieu of taking a comprehensive examination.

Program of Study

A core requirement of three interdisciplinary courses (9 credit hours) will be required of all students entering at the B.S./M.Eng program. These courses are carefully designed and coordinated to stress the interdisciplinary nature of the subject matter. The content serves as the philosophical foundation on which all other materials tailored for a specific student are based. The courses are as follows:

CEGR 514	Environmental Impact and Risk Assessment	3 Credits
EEGR 505	Advanced Engineering Mathematics with Computational Methods	3 Credits
EEGR 512	Advanced Project Management	3 Credits
	Total Credit Hours	**9**

Students accepted for candidacy into the B.S./M.Eng. program will begin taking these courses in the second semester of their junior year.

Eighteen credits (excluding the 2 credits of seminars and 4 credits of project reports) are directed toward building an interdisciplinary strength in a sub-discipline. Candidates will complete these courses during the fifth year.

Maintaining Eligibility
Candidates in the B.S./M.Eng. Program are expected to maintain a high level of scholastic achievement. The above constitutes the minimum requirements for consideration for admission into the program. Admitted students must maintain a minimum GPA of 3.00 to remain in good standing as required by the School of Graduate Studies. Candidates who fall below the minimum cumulative grade point average of 3.0 for two consecutive semesters will be removed from the program.

A student may decide to opt out of the B.S./M.Eng. program; however, they must complete all requirements for the traditional B.S. degree program. The B.S./M.Eng. program curriculum is designed such that candidates who successfully complete their coursework through the end of the senior year will automatically qualify them for completion of the B.S. degree requirements. Graduate courses successfully completed up to this time, may be applied to the traditional graduate program. Once a candidate has opted out of the program, the candidate is no longer eligible for the B.S./M.Eng. program degree. In order to receive a Master's Degree at Morgan State University, the student will then have to apply to the traditional two year M.Eng. program.

Candidates who are removed from the program or otherwise opt out of the program are eligible to receive the traditional bachelor's degree in their respective engineering discipline major, on completion of the requirements for the B.S. degree.

Degrees Received
Upon completion of minimum requirements, students receive both the Bachelor of Science and the Master of Engineering degrees. The Bachelor of Science degree will be awarded from the respective departments, that is, the B.S.E.E. from the Electrical and Computer Engineering Department, the B.S.C.E. from the Civil Engineering Department, and the B.S.I.E from the Industrial and Systems Engineering Department. The M.Eng. degree will be awarded from the School of Graduate Studies. A student may elect to receive only a B.S. degree, but must complete the requirements for the traditional B.S. degree program.

CIVIL ENGINEERING
The following information is operable for the students who are already matriculating under the 2010-2013 and 2014-2015 catalogs, however, new students both freshman and transfers, who enroll in fall 2015 or later must follow this 2015-2016 catalog. Chairperson of Department: PROFESSOR REGINALD L. AMORY; Samuel P. Massie Chair of Excellence in the Environmental Disciplines: Professor JIANG LI; Associate Professors: IHEANYI ERONINI, MONIQUE HEAD, GBEKELOLUWA B. OGUNTIMEIN, Assistant Professors: INDRANIL GOSWAMI, JAMES HUNTER Lecturer: CHARLES O. OLUOKUN, OLUDARE OWOLABI

THE MAJOR IN CIVIL ENGINEERING
The Civil Engineering Department provides a program of study in the planning, design and management of civil infrastructure and service systems. Specialty areas of study offered include transportation systems, environmental and water resources, structures, geotechnical, hydrology, and construction engineering and management.

OBJECTIVES
The Program Educational Objectives of the Civil Engineering Department are to: (1) grow the number of graduates from the program that assume top managerial and leadership roles in their chosen professional careers; (2) increase the percentage of graduates passing the Fundamentals of Engineering Examination within three years of graduation; (3) produce graduates of the program who will be well represented in organizations and areas of practice engaged in high profile and technologically advanced civil engineering systems and processes; and (4) grow the number of graduates of the program who continue their professional development through continuing education and lifelong learning.

STUDENT OUTCOMES
The civil engineering program student outcomes are:
(a) an ability to apply knowledge of mathematics, science and engineering.
(b) an ability to design and conduct experiments as well as to analyze and interpret data.
(c) an ability to design a civil engineering system to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
(d) an ability to function on multi-disciplinary teams.
(e) an ability to identify, formulate, and solve engineering problems.
(f) an understanding of professional and ethical responsibility.
(g) an ability to communicate effectively.
(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
(i) a recognition of the need for, and an ability to engage in life-long learning.
(j) a knowledge of contemporary engineering issues.
(k) an ability to use the techniques, skills, and modem engineering tools necessary for engineering practice.

REQUIREMENTS FOR THE B.S. DEGREE IN CIVIL ENGINEERING
A minimum of 120 credit hours are required to graduate with a B.S. degree in Civil Engineering (B.S.C.E.). These credit hours are distributed as follows:

General Education & University Requirements	**45**
Mathematics and Science Requirements	**25**
Engineering Requirements	**50**
TOTAL	**120**

A. General Education and University Requirements

Course#	*Course Title*	*Credits*
BIOL 101	Introduction to Biology	4
CEGR 107	Computer-Aided Engineering Graphics, Analysis & Design	3
ECON 211	Principles of Economics I	
	OR	3
ECON 212	Principles of Economics II	
ENGL 101	Freshman Composition I	3
ENGL 102	Freshman Composition II	3
HEED 103	Health Education	3
HIST 101	World History I	
	OR	3
HIST 105	History of the U.S. I	
HIST 350	Introduction to African Diaspora	3
HUMA 201	Introduction to Humanities I	3
MATH 241	Calculus I	4
OREN 104	Freshman Orientation for Engineering	1
PHEC XXX	Physical Education Elective	1
PHIL 109	Introduction to Logic	3
PHIL 220	Ethics and Values	3
PHYS 206	University Physics II + Lab II	5
Total Credits		**45**

B. Mathematics and Science Requirements

Course #	*Course Title*	*Credits*
CEGR 307	Computer Method & Programming for Civil Engineers	2
CHEM 110	General Chemistry for Engineer + Lab	4
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 331	Probability and Statistics	
	OR	3
IEGR 251	Probability and Statistics for Eng I	
MATH 340	Differential Equations	3
PHYS 205	University Physics I + Lab	5
Total Credits		**25**

C. Engineering Requirements

Course #	*Course Title*	*Credits*
CEGR 106	Introduction to Civil Engineering	1
CEGR 110	Geospatial Tech in Civil Eng	2
CEGR 202	Statics	3
CEGR 212	Mechanics of Materials & Lab	3
CEGR 214	Fluid Mechanics and Lab	3
CEGR 302	Dynamics	3
CEGR 324	Structural Analysis I & Lab	3
CEGR 325	Geotechnical Engineering & Lab	3
CEGR 332	Hydraulic Engineering	3
CEGR 338	Environmental Engineering I & Lab	3
CEGR 400	Project Management, Finance and Entrepreneurship	2
CEGR 416	Transportation Engineering	3
CEGR 436	Elementary Structural Design	3
CEGR XXX	Civil Engineering Technical Electives	9
XEGR XXX	Multidisciplinary Engineering Elective	3
CEGR 492	Senior Review & Project Proposal	2
CEGR 493	Senior Project	1
Total Credits		**50**

IMPORTANT

The prerequisite requirements will be strictly enforced. Students MUST have the prescribed prerequisites before registering for a course.

CIVIL ENGINEERING COURSE OFFERINGS

OREN 104 FRESHMAN ORIENTATION FOR ENGINEERING MAJORS - *Two hours lecture; 1 credit.* This course is designed to prepare students for the rigors of earning an engineering degree. It introduces students to the expectations and demands of higher education, to the legacy and traditions of Morgan State University, to college success strategies, and to the broad array of career opportunities in the fields of engineering. Students enrolled in this class are required to attend selected University convocations, School of Engineering programs, and other prescribed activities. They are also required to hold conferences with their faculty advisors. Students transferring 24 or more credits to the University when admitted are exempt from this requirement. (Formerly ORIE 104) (FALL/SPRING**)**

ENGR 101 FUNDAMENTALS OF ENGINEERING I - *Four hours lecture, one hour laboratory; 4 credits.* This is the first part of a two course sequence designed to provide students with the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH 141) are accompanied by a contemporary engineering problem lab. MATH 141 is considered to be the equivalent to the two semester sequence of MATH113 and MATH 114. **Prerequisite:** MATH 113 or higher placement score or special permission from the program chair.

ENGR 102 FUNDAMENTALS OF ENGINEERING II - *Four hours lecture, one hour laboratory; 4 credits.* This is the second part of a two course sequence designed to provide students with more time to develop the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH114) are accompanied by engineering problem solving labs. **Prerequisite:** ENGR 101. Students must pass ENGR 101 with a grade of "C" or better.

CEGR 106 INTRODUCTION TO CIVIL ENGINEERING - *Two hour lecture; 1 credit.* This orientation course will introduce students to the concept of engineering design by exposure to several design problems from various areas of civil engineering including: structural, transportation, geotechnical and environmental engineering**. Prerequisite**: None. (FALL/SPRING)

CEGR 107 COMPUTERAIDED ENGINEERING GRAPHICS, ANALYSIS & DESIGN - *Two hours lecture, two hours laboratory; 3 credits.* This course introduces students to

computer-aided engineering graphics and engineering analysis in the context of defining demonstrating and solving interesting but simple visualization and design problems in civil engineering; Review of geometry and trigonometry in conjunction with related computer graphics functions; data reduction and analysis, graphing and presentation. Introduction to Computer-Aided Drafting and Design (CADD) and to contemporary CAD/3D modeling and analysis software for civil engineers. Modeling exercises and design projects, with students working in teams and using computer analysis and design spreadsheets and technical word processing and presentation programs. **Prerequisite**: None. (FALL/SPRING)

CEGR 110 GEOSPATIAL TECHNOLOGIES IN CIVIL ENGINEERING - *Two hours lecture, two hours laboratory, 2 credits.* The course provides students with comprehensive knowledge and understanding of geospatial technologies/sciences and their applications in Civil Engineering. It will highlight surveying, geographic information systems (GIS), differential global positioning system (DGPS), remote sensing, and spectroradiometer concepts, principles, and techniques for developing appropriate skills for their integration and applications in civil engineering. Students will actively participate in data acquisition, mapping, surveying, site geometries, and geology. Lectures include geospatial features, attributes, image exploitation, and relational database. Labs include training in ArcGIS/ArcView, ENVI, GeoMedia Suite, TerraSync and Pathfinder Office software. Differential correction of field data, analyses, syntheses and applications will be provided Term project, with oral presentation and written report will form part of this course. **Prerequisite:** None. (FALL/SPRING)

CEGR 202 STATICS - *Two hours lecture, two hours practicum; 3 credits.* Review of relevant concepts from geometry, algebra and calculus. Representation and resolution of vectors. Resultants of force and couple systems by graphical and analytical approaches. Particle interaction forces; Coulomb friction, spring behavior. Application of Free Body Diagrams in problem solving. Equilibrium of particles and rigid bodies. Analysis of simple trusses and frames. Center of gravity, center of mass, and centroid of area. Reduction of distributed normal loads, internal reactions, area moments of inertia Practicum: Problem solving in statics; forces and force components, moments and equilibrium, introduction to computer-aided design and simulations of simple structural systems. Project(s) would require oral and visual presentation and written report. **Prerequisites:** CEGR 107 (CAE Graphics, Analysis & Design) and PHYS 205 (General Physics I). Co-requisite: MATH 242 (Calculus 11). (FALL/SPRING)

CEGR 212 MECHANICS OF MATERIALS AND LABORATORY - *Two hours lecture, three hours laboratory; 3 credits.* Stress and strain for various types of loads - axial, shear, torsion and bending. Constitutive Laws. Multidimensional Hooke's Law. Stress concentration. Introduction to Indeterminate analysis - Equilibrium vs. Compatibility. Combined stresses in 2D and 3D using Mohr's Circle. Laboratory exercises to include tension, compression, bending and torsion. Concrete mix design and asphalt mix design. Elastic vs. plastic behavior of metals. Use of basic finite element software to investigate concepts of stress and deformation caused by external loads. **Prerequisite**: CEGR 202 (Statics). (FALL/SPRING)

CEGR 214 FLUID MECHANICS AND LABORATORY - *Two hours lecture, three hours laboratory; 3 credits.* The lecture includes the following: studies of fluid properties; fluid statics and dynamics involving integral and differential forms of fluid behavior; viscous flow in pipes; losses in bends, fittings, valves, and flanges; and similitude and dimensional analysis. The laboratory includes properties of fluids; viscosity of fluids; vortex apparatus; stability of floating bodies; flow measurements; losses in straight runs of pipes; and losses in bends fittings, valves, and flanges **Prerequisite:** MATH 243 (Calculus III). Co-requisite: MATH 340 (Differential Equations). (FALL/SPRING)

CEGR 302 DYNAMICS - *Three hours lecture; 3 credits.* Kinematics and kinetics of particles and rigid bodies in one- and two-dimensional motion. Frictional behavior, Mass moments of inertia. Motion of particle systems and simple deformable mass systems. Use of impulse and momentum methods. Application of principles of work, energy and power. Simple 3D gyroscopic motion. Introduction to free and forced vibrations of particles and simple rigid bodies. Coursework includes problems involving computer simulations. **Prerequisite:** CEGR 202 (Statics). (FALL/SPRING)

CEGR 304 ENGINEERING MECHANICS - *Four hours lecture;* 4 *credits.* Resolution, composition" and equilibrium of forces. Analysis of force systems; center of gravity; and moments of inertia. Motion study; Newtons Laws and work-energy, impulse-momentum, and power. Closed to Civil Engineering Majors. **Prerequisites**: MATH 242 (Calculus II) and PHYS 205 (General Physics I). (FALL/SPRING).

CEGR 307 COMPUTER METHODS AND PROGRAMMING FOR CIVIL ENGINEERING - *Two hours lecture, two hours laboratory; 2 credits.* This course will introduce and reinforce computer methods and programming in Civil Engineering Analysis and Design. Overview of basic linear algebra, relevant numerical analysis algorithms, basic algorithm development and programming; types of variables, objects and classes, conversion of mathematical equations to objects and classes, and generation of corresponding software. Application of Spreadsheet and Computational-Math software to routine analysis and design; development of e-books in writing technical reports. Further exposure to general purpose CAD, Modeling and Analysis software. Examples will draw from diverse sub disciplines within Civil Engineering. **Prerequisite:** CEGR 107 (Computer-Aided Engineering Graphics Analysis and Design), MATH243 (Calculus III) and MATH 340 (Differential Equations). (FALL/SPRING)

CEGR 324 STRUCTURAL ANALYSIS I AND LABORATORY - *Two hours lecture, three hours laboratory; 3 credits.* Structural forms; structural load definitions; statically determinate structures; reactions; axial force, shear, bending

moment and qualitative deflected shape diagrams for determinate beams and frames; cable-supported structures; arches; influence lines; Computer programming assignments are incorporated into the coursework. **Prerequisites:** CEGR 202 (Statics), CEGR 212 (Mechanics of Materials & Lab). (FALL/SPRING)

CEGR 325 GEOTECHNICAL ENGINEERING AND LABORATORY - *Two hours lecture, three hours laboratory; 3 credits.* Basic physical and mechanical structural characteristics of geotechnical engineering applied to soil classification, permeability and seepage, in-situ stresses and compressibility, lateral earth pressures, slope stability, and bearing capacity of shallow foundations. **Prerequisites:** CEGR 202 (Statics) and CEGR 212 (Mechanics of Materials & Lab). (FALL/SPRING**)**

CEGR 332 HYDRAULIC ENGINEERING - *Three hours lecture; 3 credits.* Includes hydrology; open- channel flow; pipe flow; ground water flow; dams and reservoirs. Computer programming assignments are incorporated into the course work. **Prerequisite:** CEGR 214. (FALL/SPRING)

CEGR 338 ENVIRONMENTAL ENGINEERING I AND LABORATORY - *Two hours lecture, three hours laboratory; 3 credits.* The lecture applies the knowledge of fluid mechanics to the planning and design of elements of water treatment plants and elements of wastewater treatment plants, and the design of sewers and water distribution system hydraulics. The laboratory applies the knowledge of general chemistry to sanitary chemical analyses, which include the various forms of solids, pH measurements, and salinity. The laboratory will also introduce the students to the use of the atomic absorption spectrophotometer. **Prerequisites:** CHEM 110 (Gen Chemistry for Eng), BIOL 101 (Intro to Biology I), MATH 242 Calculus II (FALL/SPRING)

CEGR 400 PROJECT MANAGEMENT, FINANCE & ENTREPRENEURSHIP - *Two hours lecture, one hour practicum; 2 credits.* The principles and techniques of project management in the planning, design and operation of civil engineering infrastructure and service systems. Specific topics and project management techniques covered include: Project manager and Team building and leadership, Economic analysis in project selection, Project Financing and entrepreneurship, project planning, project organization Project cost estimation, Network analysis and related applications to Project scheduling (i.e. PERT -CPM), Project Monitoring and control using Microsoft project software and project termination process. **Prerequisites**: ECON 211 (Prin. of Econ I) or ECON 212 (Prin. of Econ II), MATH 331 (Probability & Statistics). FALL/SPRING)

CEGR 416 TRANSPORTATION ENGINEERING - *Three hours lecture; 3 credits.* Engineering and planning for transportation facilities with emphasis on ground transportation. Topics include: vehicle motion, vehicle flow models, human factors, geometric de- sign, safety, capacity analysis and transportation planning. **Prerequisite:** ECON 211/212. (FALL/SPRING)

CEGR 436 ELEMENTARY STRUCTURAL DESIGN - *Three hours lecture; 3 credits.* Introduction to design principles. Safety factors. Steel and concrete properties. Design of steel and reinforced concrete beams and columns. Design of steel connections. Design of steel trusses. **Prerequisite:** CEGR 324. (FALL/SPRING)

CEGR 450 STRUCTURAL ANALYSIS II - *Three hours lecture; 3 credits.* Deflection of statically determinate structures using virtual work and moment area methods; analysis of statically indeterminate structures; approximate methods, stiffness and flexibility matrices, solution by digital computer. Plastic method of analysis. **Prerequisite:** CEGR 324. (FALL/SPRING)

CEGR 451 DESIGN OF REINFORCED CONCRETE STRUCTURES - *Three hours lecture 3 credits.* Structural properties of concrete, building codes; design of beams, columns, slabs, footings, and retaining walls. **Prerequisites:** CEGR 324 and CEGR 436. (FALL)

CEGR 452 DESIGN OF STEEL STRUCTURES - *Three hours lecture; 3 credits.* Introduction to steel structures; design of tension members, beams and column connections, plate girders, continuous beams; introduction to computer-aided design. **Prerequisites:** CEGR 324 and CEGR 436. (SPRING)

CEGR 453 RELIABILITY BASED DESIGN IN CIVIL ENGINEERING - *Three hours lecture; 3 credits.* Systems reliability and reliability analysis. Includes measures of reliability, reliability index, reliability bounds and other related measurements. **Prerequisite:** MATH 331/IEGR 251. (OFFERED AS NEEDED)

CEGR 454 FOUNDATION ENGINEERING - *Three hours lecture; 3 credits.* Application of the principles of soil mechanics to the design of footings, retaining walls, pile foundations, bulkheads, cofferdams, bridge piers and abutments, and underpinnings. **Prerequisite:** CEGR 325. (SPRING)

CEGR 455 SEEPAGE, DRAINAGE, AND GROUNDWATER - *Three hours lecture; 3 credits.* Introduction to groundwater hydrology, well hydraulics, permeability, seepage, flow nets, filter criteria, dewatering, slope stabilization, practical applications. **Prerequisite:** CEGR 325. (OFFERED AS NEEDED)

CEGR 456 EARTH STRUCTURES AND SLOPES - *Three hours lecture; 3 credits.* Earth dams, embankments and natural slopes. Site investigation, soil proper- ties and compaction. Slope stability analysis and land- slide prevention. Earthquake effects. Case studies. **Prerequisite:** CEGR 325. (OFFERED AS NEEDED)

CEGR 457 GEOTECHNICAL ENGINEERING - *Three hours lecture, 3 credits.* Geologic overview, site investigations, subsurface stresses and stress path analyses, shear strength and laboratory test, stress-strain relations, application of soil mechanics theories and site improvement, and slope stability analysis. **Prerequisite:** CEGR 325 (Geotechnical Eng & Lab).

(SPRING)

CEGR 458 BIOLOGICAL WASTE WATER TREATMENT - *Three hours lecture; 3 credits.* This course covers the planning and design of the unit operations and unit processes of biological wastewater treatment. Topics include principles of biological treatment; biological lagoons; trickling filter; activated sludge process; anaerobic and aerobic digestion of sludge. **Prerequisite:** CEGR 338 (Environmental Engineering I & Lab). (OFFERED AS NEEDED)

CEGR 459 WATER SUPPLY ENGINEERING - *Three hours lecture; 3 credits.* This course covers planning and design in water supply engineering which includes raw water supply sources, reservoir sizing, pumping and transmission of raw and treated waters, groundwater, distribution systems, treatment processes and chemistry and microbiology of raw and treated waters. **Prerequisite:** CEGR 338 (Environmental Engineering I & Lab). (FALL)

CEGR 460 HAZARDOUS WASTE MANAGEMENT - *Three hours lecture; 3 credits.* This course is an in-depth study of hazardous waste management covering the scientific and engineering principles of hazardous waste management. Specific topics covered include properties, behavior (pathways, fates and disposition) of hazardous materials in air, groundwater and soil, exposure assessment, regulations, treatment and remediation technologies of hazardous waste materials. **Prerequisites:** BIOL 101 (Intro to Biology I), CHEM 110 (Gen. Chemistry for Eng) and CEGR 332 (Hydraulic/Water Resource Eng & Lab). (OFFERED AS NEEDED)

CEGR 463 PHYSICAL – CHEMICAL TREATMENT OF WASTEWATER - *Three hours lecture; 3 credits.* Theory and application of physical and chemical operation and processes for wastewater treatment. Topics and discussion will include sedimentation; flotation; disinfection; coagulation; flocculation; filtration; carbon absorption; reverse osmosis; ion exchange and thickening. **Prerequisite:** CEGR 338. (SPRING)

CEGR 464 ENVIRONMENTAL ENGINEERING II - *Three hours lecture; 3 credits.* This course covers planning and design in environmental engineering which include environmental engineering hydrology, hydraulics and pneumatics; air pollution control; and solid waste characteristics, management and control. **Prerequisite:** CEGR 338 (Environmental Eng. I & Lab). (FALL)

CEGR 465 TRAFFIC ENGINEERING - *Three hours lecture; 3 credits.* The principles of traffic engineering involving the analysis, planning and design of roads, streets and highways, and their related networks. Coverage includes the dynamics of traffic flows; traffic studies and data collection; capacity analysis of freeways and arterials; the analysis and design of traffic control systems, including signalized and unsignalized intersections. **Prerequisite:** CEGR 416 (Transportation Eng). (FALL)

CEGR 466 TRANSPORTATION MODELS AND SIMULATION - *Three hours lecture; 3 credits.* The theory, development and application of models and modeling systems commonly used in the planning, design and operational analysis of transportation systems. Students are expected to apply existing software in the analysis of transportation data sets and to develop models using one of the common high level languages. Applications will include: travel demand estimation, modal choice, terminal and servicing phenomena and traffic performance evaluation. **Prerequisites:** CEGR 465 and MATH 331 or IEGR 251. (SPRING)

CEGR 467 CIVIL ENGINEERING SYSTEMS - *Three hours lecture; 3 credits.* Advanced topics in the systems approach to civil engineering management. Topics and methods to include: constrained optimization; marginal analysis; linear programming; sensitivity analysis; dynamic programming; multi-objective optimization. **Prerequisite:** CEGR 400 or equivalent. (OFFERED AS NEEDED)

CEGR 470 ENERGY EFFICIENCY IN BUILDINGS - *Three hours lecture; 3 credits.* Introduction to principles of energy generation, transport and storage in building components, materials and spaces. Concepts of thermal comfort and energy conservation in buildings. Heating, cooling and air change/quality requirements. Thermal analysis and design of building envelopes. Performance and control of HVAC and other integrated building energy components. Introduction to solar - renewal energy and sustainable building design, analysis and performance assessment **Prerequisite:** Senior standing. (OFFERED AS NEEDED)

CEGR 471 MECHANICAL AND ELECTRICAL FACILITIES - *Three hours lecture; 3 credits.* Introduction to principles and applications of mechanical and electrical systems to the design, construction codes, and integration of (1) mechanical facilities, including water and waste plumbing, heating, ventilating, air-conditioning, and fire-protection, and (2) electrical facilities, including power, lighting and safety circuits and wiring, and building automation systems. **Prerequisite:** Senior standing. (OFFERED AS NEEDED)

CEGR 475 FUNDAMENTALS OF CONSTRUCTION ENGINEERING AND MANAGEMENT - *Three hours lecture; 3 credits.* This course will teach the applications of the fundamentals of construction engineering and management in construction practice and provide a foundation in the important aspects of construction management and the emerging areas that will concern the construction manager in the future. **Prerequisite:** CEGR 400 (Project Mgt, Fin & Entrep) or Permission of Instructor. (FALL/SPRING)

CEGR 476 CONSTRUCTION ECONOMICS - *Three hours lecture; 3 credits.* This course will teach the civil engineering, architecture, surveying, mechanical engineering, structural engineering, construction, project or estate management, property development, conservation and economics student, the basic concepts of allocation of scarce resources in construction. **Prerequisite:** CEGR 475 (Fundamentals of Construction Eng & Management) or Permission of Instructor. (FALL)

CEGR 477 FUNDAMENTALS OF CONSTRUCTION ESTIMATING - *Three hours lecture; 3credits.* This course will

teach the students the process of construction cost estimating and control of construction projects. It will provide learning in cost estimating that is applicable to students taking the course while in college or while they are out of college, but have recently assumed estimating responsibilities in a construction organization. **Prerequisite:** CEGR 475 (Fundamentals of Construction Eng & Management) or CEGR 476 (Construction Economics) or Permission of Instructor. (SPRING)

CEGR 480 FUNDAMENTALS OF GEOGRAPHIC INFORMATION SYSTEMS - *Three hours lecture;* 3 *credits.* The course provides students with comprehensive knowledge and understanding of Geographic Information Systems (GIS) and its applications in science, technology, engineering and mathematics (STEM). It will cover GIS concepts, principles, and applications. Data acquisition, processing, management, analysis, modeling, and product generation are emphasized. Students will actively participate in data acquisition, and mapping. Training in GIS software, including ArcGIS/ Arc View, GeoMedia Suite, and Pathfinder Office software will be provided during the course. Term project with oral presentation and written report will form part of this course. **Prerequisite**: None. (SPRING)

CEGR 481 FUNDAMENTALS OF REMOTE SENSING - *Three hours lecture; 3 credits.* The course introduces students to sensor systems, basic concepts of Remote Sensing (RS), methodologies and applications in science. Technology, engineering and mathematics (STEM). Aerial photographs and airborne/satellite images will be processed and analyzed. NASA's Mission to Planet Earth and the Earth Observing Systems (EOS) Program will be introduced. Training in RS software, including the environment for visualizing images (ENVI) will be provided. Students will actively participate in data acquisition, ground- truthing/verification, and final product generation/mapping. Term project with oral presentation and written report will form part of this course. **Prerequisite:** None. (FALL)

CEGR 492 SENIOR REVIEW AND PROJECT PROPOSAL - *One hour lecture, four hours practicum; 2 credits.* This course, typically undertaken in student's penultimate semester, has two parts: (1) Lecture (Senior Project Proposal) - during which student develops, in concert with a faculty advisor (for some projects, it is also desirable that the student select an advisor from industry, in addition to the faculty advisor), the technical proposal for the Senior Design Project, and (2) Practicum - comprehensive review of the Fundamentals of Engineering (FE) civil-discipline-specific examination topics and mock-FE examinations. A brief initial part of the practicum reviews technical report writing and presentation for engineers and development of a design project proposal. Two 4-hour mock-FE exams (simulating the A.M. and P.M. sessions of the FE exam) serve as the program's Comprehensive examination, as well as an assessment of the practicum part of the course. The final grade in the course is a combination of the faculty advisor's evaluation of the student's project proposal effort and written report, and the student' performance in the mock-FE exams and other aspects of the practicum. Civil Engineering students of at least junior standing may be allowed, with department approval, to audit the review class portion without financial obligation. Prerequisite: Senior Standing, and Permission of Faculty Advisor and Department Chair. (FALL)

CEGR 493 SENIOR PROJECT - *Two hours lecture; 1 credit.* This is a follow up on the proposal developed and approved in CEGR 492, and will focus on the execution of the proposed analysis and design, under the guidance of the same faculty advisor (and external advisor, if any). Specific guidelines on the successful completion of the project should come from the student's faculty advisor. However, this second semester of the two-semester CEGR 492-493 sequence should be spent on finalizing preliminary design and analysis, as well as completion of detailed design and possible optimization, creation of a design project report of acceptable format, conclusion of student's electronic portfolio, and a formal delivery of a PowerPoint (or similar) presentation of the project to an audience of faculty, students and others. The grade for this course is based upon two components: (1) the advisor's assessment of the student's progress through the entire design project and the quality of the written technical report and (2) department's assessment of the student's up-to-date electronic portfolio; and assessment, by the attending department faculty, of the content and the quality of the presentation made by the student. **Prerequisite:** CEGR 492. (FALL/SPRING)

CEGR 496 SENIOR PROJECT PROPOSAL AND DESIGN - *Two hours lecture, four hours practicum; 3 credits.* This is a one-semester course combining CEGR 492 Senior Review and Project Proposal, and CEGR 493 Senior Project. **Prerequisite**: Senior Standing, and Permission of Faculty Advisor and Department Chair. (OFFERED AS NEEDED)

CEGR 498 TOPICS IN CIVIL ENGINEERING - *Three hours lecture: 3 credits.* In-depth study in areas of student/faculty interest. Approval of the faculty advisor and Department Chair required (FALL/SPRING)

MORGAN STATE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING
BACHELOR OF SCIENCE DEGREE IN CIVIL ENGINEERING
SUGGESTED CURRICULUM SEQUENCE
(2015-2016)

FRESHMAN YEAR (FIRST SEMESTER)

OREN 104 Freshman Orientation for Engineering	1
CEGR 107 – IM – Computer Aided Engineering Graphics, Analysis & Design	3
BIOL 101 – BP – Introduction to Biology I	4
MATH 241 – MQ – Calculus I	4
ENGL 101 – EC – Freshman Composition I	3
HEED 103 – HH – Healthful Living	3
	18

SOPHOMORE YEAR (FIRST SEMESTER)

CEGR 202 Statics	3
ECON 211 – SB – Principles of Economics I *OR* ECON 212 – SB – Principles of Economics II	3
HIST 101 – SB – WORLD HISTORY I *OR* HIST 105 – SB – HISTORY OF U.S.	3
MATH 243 – MQ – Calculus III	4
PHYS 206+PHYS 206L – BP – Univ Phys II+Lab II	5
	18

JUNIOR YEAR (FIRST SEMESTER)

CEGR 324 Structural Analysis I and Lab	3
CEGR 325 Geotechnical Engineering & Lab	3
CEGR 307 Computer Methods & Prog for CE	2
CEGR 416 Transportation Engineering	3
MATH 331 – MQ – Probability and Statistics *OR* IEGR 251 Probability and Statistics for Eng I	3
	14

SENIOR YEAR (FIRST SEMESTER)

CEGR 492 Senior Review and Project Proposal	2
CEGR 302 Dynamics	3
CEGR XXX Civil Engineering Technical Elective	3
XEGR XXX Multidisciplinary Engineering Elective	3
PHIL 109 – CI – Introduction to Logic	3
	14

FRESHMAN YEAR (SECOND SEMESTER)

CEGR 106 Introduction to Civil Engineering	1
CEGR 110 Geospatial Technologies in CE	2
MATH 242 – MQ – Calculus II	4
ENGL 102 – EC – Freshman Composition II	3
PHEC XXX Physical Education	1
PHYS 205 + PHYS 205L – BP – Univ Physics + Lab	5
	16

SOPHOMORE YEAR (SECOND SEMESTER)

CEGR 212 Mechanics of Materials & Lab	3
CEGR 214 Fluid Mechanics & Lab	3
CHEM 110 + CHEM110L – BP – Gen Chem for Eng	4
MATH 340 – MQ – Intro to Differential Equations	3
HUMA 201 – AH – Introduction to Humanities I	3
	16

JUNIOR YEAR (SECOND SEMESTER)

CEGR 436 Elementary Structural Design	3
CEGR 332 Hydraulic/Water Resources Engineering	3
CEGR 338 Environmental Engineering & Lab	3
PHIL 220 – AH – Ethics & Values	3
	12

SENIOR YEAR (SECOND SEMESTER)

CEGR 493 Senior Project	1
CEGR 400 Project Management, Finance & Entrepreneurship	2
CEGR XXX Civil Engineering Technical Elective	3
CEGR XXX Civil Engineering Technical Elective	3
HIST 350 – CT – Introduction of African Diaspora	3
	12

TOTAL CREDIT HOURS **120**

(See next page for Technical Electives for suggested concentrations.)

TECHNICAL ELECTIVES

TRANSPORTATION ENGINEERING

CEGR 465	Traffic Engineering	3
CEGR 466	Transportation Models and Simulation	3
CEGR 467	Civil Engineering Systems	3
CEGR 498	Topics in Civil Engineering	3

STRUCTURAL ENGINEERING

CEGR 450	Structural Analysis II	3
CEGR 451	Design of Concrete Structures	3
CEGR 452	Design of Steel Structures	3
CEGR 453	Reliability-based Design in Civil Engineering	3
CEGR 498	Topics in Civil Engineering	3

GEOTECHNICAL ENGINEERING

CEGR 454	Foundation Engineering	3
CEGR 455	Seepage, Drainage, and Groundwater	3
CEGR 456	Earth Structures and Slopes	3
CEGR 457	Geotechnical Engineering	3
CEGR 498	Topics in Civil Engineering	3

ENVIRONMENTAL ENGINEERING

CEGR 458	Biological Wastewater Engineering	3
CEGR 459	Water Supply Engineering	3
CEGR 460	Hazardous Waste Management	3
CEGR 463	Physical-Chemical Treatment of Water and Wastewater	3
CEGR 464	Environmental Engineering II	3
CEGR 498	Topics in Civil Engineering	3

CONSTRUCTION ENGINEERING AND MANAGEMENT

CEGR 471	Mechanical and Electrical Facilities	3
CEGR 475	Fundamentals of Construction Engineering and Management	3
CEGR 476	Construction Economics	3
CEGR 477	Fundamentals of Construction Estimating	3
CEGR 498	Topics in Civil Engineering	3

CIVIL ENGINEERING SYSTEMS

CEGR 467	Civil Engineering Systems	3
CEGR 470	Energy Efficiency in Buildings	3
CEGR 471	Mechanical and Electrical Facilities	3
CEGR 480	Fundamentals of Geographic Information Systems	3
CEGR 481	Fundamentals of Remote Sensing	3
CEGR 498	Topics in Civil Engineering	3

MULTIDISCIPLINARY ENGINEERING ELECTIVE

EEGR 310	Principles of Electronics	3
IEGR 305	Thermodynamics	3
IEGR 450	Introduction to Mechatronics	3

ELECTRICAL AND COMPUTER ENGINEERING

Chairperson of the Department: PROFESSOR CRAIG SCOTT; Professors: ARLENE COLE-RHODES, KEVIN KORNEGAY, CARL WHITE; Associate Professors: YACOB ASTATKE, JUMOKE LADEJI-OSIAS, KOFI NYARKO, MICHEL REECE, Assistant Professor: FARZAD MOAZZAMI; Lecturers: RICHARD DEAN, COREY DICKENS, PETRONELLA JAMES, LADAWN PARTLOW, PATERNE SISSINTO, GREGORY M. WILKINS.

THE MAJOR IN ELECTRICAL ENGINEERING

The Department of Electrical and Computer Engineering provides its students the opportunity to apply mathematical and physical concepts to engineering problems early in the curriculum, through laboratory and design experiences. The Department has been following the philosophy of design across the curriculum for some time. In addition to the strong design experience integrated throughout the required courses, the electives offer students the opportunity to enhance their skills with additional open-ended problem solving. These problems are broad-based, incorporating knowledge from specialty areas of communications systems, signal processing, microwave systems, solid state electronics, controls and automation, and computer engineering. The computer engineering emphasis is a special component of the electrical engineering (EE) program, where the Department offers a concentration in this area within its EE program. This rounds out the program by providing the necessary tools to meet the demands of the information age.

OBJECTIVES

The primary objectives of the Department are consonant with those of the School of Engineering. In striving to develop a program of the highest quality, the program seeks to instill in its students the confidence and competence required to meet the challenges associated with careers in electrical and computer engineering. The primary objectives of the Department are to develop a challenging and adaptive electrical and computer engineering curriculum which continuously fosters excellence, breadth, and depth. Within this framework the Department will produce students that will:

A. Remain effective in their employment in engineering and other professional career fields.
B. Facilitate innovation and synthesis of new products and services, as well as improve existing products, in a global context.
C. Are leaders and/or major contributors in their profession, community and other organizations.
D. Continue the learning process throughout their careers.
E. Provide service to their profession and community-at-large.

REQUIREMENTS FOR THE B.S.S.E. DEGREE

A minimum of 120 credit hours are required of students pursuing the Bachelor of Science Degree in Electrical Engineering (B.S.E.E.). These credit hours are distributed as follows:

General Education and University Requirements	45
Mathematics and Science Requirements	19
Electrical Engineering Core Requirements	38
Electives or Concentration Requirements	18
TOTAL	**120**

Students must complete all of the requirements in sections A, B, C and D or sections A, B, C and E.

A. General Education and University Requirements

Course #	*Course Title*	*Credit*
EEGR 161	Intro to C Programming (IM)	3
ENGL 101	Freshman Composition I (EC)	3
ENGL 102	Freshman Composition II (EC)	3
PHIL 109	Introduction to Logic (CT)	3
MATH 241	Calculus I (MQ)	4
Approved Arts and Humanities courses (AH)		6
CHEM 110	Gen Chem for Eng + Lab (BP)	4
PHYS 205	University Physics I + Lab (BP)	5
Approved Social and Behavioral Science courses (SB)		6
Approved Health and Healthful Living course (HH)		3
HIST 350	Introduction to African Diaspora (CI)	3
OREN 104	Freshman Orientation for Engineering	1
PHEC XXX	Physical Education Elective	1
TOTAL		**45**

B. Math and Basic Sciences Requirements

Course #	*Course Title*	*Credit*
MATH 242	Calculus II	4
MATH 243	Calculus III	4
MATH 340	Differential Equations	3
MATH 331[1]	Applied Probability and Statistics	3
PHYS 206	University Physics II + Lab II	5
TOTAL		**19**

C. Engineering Core Requirements

Course #	Course Title	Credit
EEGR 105	Introduction to Elect. & Comp. Engr.	3
EEGR 202	Electric Circuits	4
EEGR 203	Introduction to Electrical Laboratory	1
EEGR 211	Introduction to Digital Logic	3
EEGR 215	Electronic Materials & Devices	4
EEGR 221	Signals and Systems	4
EEGR 305	Electromagnetic Theory & Applications	4
EEGR 317	Electronic Circuits	4
EEGR 322	Discrete Systems	3
EEGR 390	Principles of Design	3
EEGR 400	Introduction to Professional Practice	1
EEGR 490	Senior Design Project I	2
EEGR 491	Senior Design Project II	2
TOTAL		**38**

D. Electrical Engineering Electives Requirements (12 credits)

EEGR 4XX	ECE Electives (4)	12

XXXX XXX[2] Approved Elective 6
TOTAL 18

[1]May be replaced by EEGR 331, Probability and Random Processes for Engineers or IEGR 331, Probability and Statistics for Engineers.

[2]Approved electives are advanced courses listed in the Physics, Chemistry, Biology, Mathematics, Computer Science, Industrial and Civil Engineering, Business programs, or other relevant courses deemed appropriate for the student's program of study. **Faculty advisor and Department Chair written approval must be obtained prior to registration.**

E. Electrical Engineering-Computer Engineering Track Requirements (12 credits)

Course #	Course Title	Credit
EEGR 243	Computer Architecture	3
EEGR 463	Digital Electronics	3
EEGR 4XX[3]	ECE Electives (2)	6
XXXX XXX	Approved Elective	6
TOTAL		**18**

[3]**Two EEGR electives** must be selected from the following: EEGR 409, EEGR 412, EEGR 417, EEGR 419, and EEGR 451. In addition, EEGR-498, EEGR-499 and Engineering Graduate offerings that relate to Computer Engineering and IEGR and COSC electives will be considered on a case by case basis. **ECE Department written approval is required prior to registering for any of these offerings outside of the EEGR listings**.

ELECTRICAL AND COMPUTER ENGINEERING COURSE OFFERINGS

OREN 104 FRESHMAN ORIENTATION FOR ENGINEERING MAJORS - *Two hours lecture; 1 credit.* This course is designed to prepare students for the rigors of earning an engineering degree. It introduces students to the expectation and demands of higher education, to the legacy and traditions of Morgan State University, to college success strategies, and to the broad array of career opportunities in the fields of engineering. Students enrolled in this class are required to attend selected university convocations, School of Engineering programs, and other prescribed activities. They are also required to hold conferences with their faculty advisors. Students transferring 24 or more credits to the University when admitted are exempt from this requirement. Formerly ORIE 104 (FALL/SPRING).

ENGR 101 FUNDAMENTALS OF ENGINEERING I Four hours lecture, one hour laboratory; 4 credits. This is the first part of a two course sequence designed to provide students with the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH 141) are accompanied by a contemporary engineering problem lab. MATH 141 is considered to be the equivalent to the two semester sequence of MATH113 and MATH 114. **Prerequisite:** MATH 113 or higher placement score or special permission from the program chair.

ENGR 102 FUNDAMENTALS OF ENGINEERING II Four hours lecture, one hour laboratory; 4 credits. This is the second part of a two course sequence designed to provide students with more time to develop the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH114) are accompanied by engineering problem solving labs. **Prerequisite:** ENGR 101. Students must pass ENGR 101 with a grade of "C" or better.

EEGR 105 INTRODUCTION TO ELECTRICAL AND COMPUTER ENGINEERING *Three hours lecture; one hour lab. 3 credits.* Introduction to the profession. Ethics and professional behavior. Students are exposed to various specialties and areas which may include an introduction to the computer, programming and computational tools; digital design; communications; laboratory instrumentation; introduction to probability and statistics and other general topics. **Prerequisites:** OREN 104 and MATH 106. Students must pass each class with a grade of "C" or better.

EEGR 161 INTRODUCTION TO C PROGRAMMING - *Three hours lecture; 3 credits.* Topics include computer components, algorithm design with flowcharts and pseudo-code; algorithm implementation in the C programming language. Students will apply programming, documentation, debugging/ testing techniques to problem solving and data analysis. The course will include the selection and application of library programs and routines with application to engineering. **Prerequisite:** MATH 113. (FALL). Students must pass MATH 113 with a grade of "C" or better.

EEGR 202 ELECTRIC CIRCUITS - *Four hours lecture; 4 credits.* Includes Ohm's and Kirchhoff's laws; VI laws of RLC elements, Analysis techniques including Thevenin's and Norton's Theorem; Phasor concepts, Two-port and magnetically coupled networks. **Prerequisites:** MATH 242 and PHYS 205 MATH 340 and PHYS 206. **Co-requisites:** MATH 340 and PHYS 206. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 203 INTRODUCTION TO ELECTRICAL LABORATORY - *One hour lecture, three hours laboratory; 1 credit.* Involves report writing and the use of laboratory instruments and experiments relative to Kirchhoff's laws, circuit linearity, transient response, and operational amplifiers. **Prerequisites:** PHYS 205 and EEGR 202. **Co-requisite:** EEGR 202. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

SCHOOL OF ENGINEERING

EEGR 211 INTRODUCTION TO DIGITAL LOGIC - *Three hours lecture, one hour laboratory; 3 credits.* Covers number systems, Boolean algebra, logic functions and gates, minimization techniques, decoders, encoders, multiplexers, arithmetic circuits, latches, flip-flops, counters, and shift registers. Laboratory section includes design and implementation of combinatorial and sequential circuits. **Prerequisites:** EEGR 202, EEGR 203, and EEGR 161. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 215 ELECTRONIC MATERIALS AND DEVICES - *Four hours lecture, one hour laboratory; 4 credits.* Includes semiconductor physics, PN-junction transistors, junction field effect transistors, metal oxide FETs. Laboratory consists of experiments related to the analysis and design of circuits employing diodes, transistors and integrated circuits. **Prerequisites:** EEGR 202 and EEGR 203. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 221 SIGNALS AND SYSTEMS - *Four hours lecture; 4 credits.* Includes manipulation of continuous signals; singularity functions, differential equations and continuous convolution; Fourier series and transforms; Complex frequency; Laplace transform, state variables; Frequency analysis. **Prerequisites:** MATH 340 and EEGR 202. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 243 COMPUTER ARCHITECTURE - *Three hours lecture, one hour laboratory; 3 credits.* Examines the basic principles and techniques used in the design and evaluation of computer systems. Includes assembly language programming techniques, data path and control design of computers, and computer performance relative to computer design. Stresses the principle design concepts that are embodied in modern computer architectures. **Prerequisites:** EEGR 203, EEGR 202, EEGR 211, and EEGR 161 (or COSC 230). (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 305 ELECTROMAGNETIC THEORY AND APPLICATIONS - *Four hours lecture; 4 credits.* This course introduces the student to the principles and applications of electromagnetics. Topics include: review of vector calculus, electric and magnetic fields, Maxwell's equations in integral and differential form, Poisson's equation, Laplace's equation, uniform plane waves, transmission lines and waveguides. **Prerequisites:** MATH 243, PHYS 206 and EEGR 202. (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 310 PRINCIPLES OF ELECTRONICS - *Three hours lecture; 3 credits.* Presents the fundamental principles of electronic devices, circuits, and digital systems. **Closed to Electrical Engineering Majors. Pre- requisites:** MATH 340 and PHYS 206. (FALL/ SPRING). Students must pass each class with a grade of "C" or better.

EEGR 317 ELECTRONIC CIRCUITS - *Four hours lecture, one hour laboratory; 4 credits.* Analysis and de sign of electronic circuits employing diodes and active components such as Bipolar Transistors, FETs and Op- Amps. Includes an applications-oriented design laboratory. **Prerequisite:** EEGR 215. (FALL/SPRING). Students must pass EEGR 215 with a grade of "C" or better.

EEGR 322 DISCRETE SYSTEMS - *Three hours lecture; 3 credits.* Manipulation of discrete signals, Fourier analysis of discrete signals, z-transform, Discrete Fourier Transform, Fast Fourier Transform, Digital filter design, state variables. **Prerequisite:** EEGR 221. (FALL/ SPRING). Students must pass EEGR 221 with a grade of "C" or better.

EEGR 331 PROBABILITY AND RANDOM PROCESSES FOR ELECTRICAL ENGINEERS - *Three hours lecture; 3 credits.* Topics covered include sample spaces, combinatorial methods, probabilities, random variables, discrete and continuous distributions, specific probability laws and their interpretation, introduction to random processes, practical EE examples and applications. **Prerequisites:** MATH 242 and EEGR 202. (OFFERED AS NEEDED). Students must pass each class with a grade of "C" or better.

EEGR 390 PRINCIPLES OF DESIGN - *Three hours lecture, three hours laboratory; 3 credits.* Applies design principles and methods to analog and digital circuits. Students work in teams to design small systems. **Prerequisites:** EEGR 211, EEGR 221 and EEGR 317. (FALL/ SPRING). Students must pass each class with a grade of "C" or better.

EEGR 400 INTRODUCTION TO PROFESSIONAL PRACTICE - *One hour lecture; 1 credit.* Discusses the role of the engineer in the larger world, professional ethics and behavior, and techniques for a rewarding career and life, emphasizing lifelong learning. **Prerequisites:** EEGR 211, EEGR 221, and EEGR 317. **This course is offered only for graduating seniors in the next to last semester of enrollment.** (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 409 C PROGRAMMING APPLICATIONS - *Three hours lecture, one hour laboratory; 3 credits.* Data types, operators and expressions, structures, pointers, arrays and complex data structures. Program documentation, development tools and administration of large software development. **Prerequisites:** EEGR 211, EEGR 215, and EEGR 161 (or its equivalent). (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 412 COMPUTER ORGANIZATION - *Three hours lecture, two hours laboratory; 3 credits.* Consists of computer organization, machine and assembly language programming

techniques, interfacing, schema, microprogramming concepts, advanced systems utilization, and project design. **Prerequisites:** EEGR 211 and EEGR 243. (OFFERED AS NEEDED). Students must pass each class with a grade of "C" or better.

EEGR 417 MICROPROCESSORS APPLICATIONS - *Three hours lecture, one hour laboratory; 3 credits.* Provides an overview of microprocessors and peripherals. Teaches use of basic tools and confidence to evaluate the suitability of microcomputer technology applied to engineering problems and to effectively design microcomputer software and hardware to satisfy a variety of needs. **Prerequisites:** EEGR 211 and EEGR 243. (SPRING). Students must pass each class with a grade of "C" or better.

EEGR 418 INTRODUCTION TO NEURAL NETWORKS AND FUZZY LOGIC - *Three hours lecture, one hour laboratory; 3 credits.* The course is designed to introduce students to the theory of neural networks and fuzzy logic. Students will simulate the operation of the various types of neural networks and fuzzy logic schemes on the computer. **Prerequisite:** EEGR 409. (OFFERED AS NEEDED) Students must pass EEGR 409 with a grade of "C" or better.

EEGR 419 INSTRUMENTATION CONTROL AND SENSORS - *Three hours lecture, one hour laboratory; 3 credits.* Design of processor based systems to interface with real world peripherals for control and measurement and data acquisition. Includes interfacing of inputs, output drivers, isolation, digital to analog, and analog to digital conversion and such protocols as the Philips 12C, Motorola SPI, Dallas 1-wire and asynchronous serial RS232. **Prerequisites:** EEGR 409 and EEGR 317. (FALL). Students must pass each class with a grade of "C" or better.

EEGR 424 ELEMENTS OF POWER SYSTEM ANALYSIS - *Three hours lecture; 3 credits.* Treats system network equations, load flow computations, and symmetrical and asymmetrical faults. Swing equation. **Prerequisite:** EEGR 202. (OFFERED AS NEEDED). Students must pass EEGR 202 with a grade of "C" or better.

EEGR 431 LINEAR CONTROL SYSTEMS - *Three hours lecture; 3 credits.* Analysis of time and frequency response of closed loop systems, Routh-Hurwitz and Nyquist criteria for stability, root-locus method, and system specifications. **Prerequisite:** EEGR 221. Students must pass each class with a grade of "C" or better.

EEGR 440 INDUSTRIAL EXPERIENCE - *Nine hours; 3 credits.* Credit awarded based on faculty evaluation of work performed by students in the Cooperative Education Program. Departmental approval before registration.

EEGR 443 INTRODUCTION TO MICROWAVES - *Three hours lecture; 3 credits.* Deals with wave types, transmission lines and waveguides. Smith chart, S-parameters, active and passive components, and measurement techniques: **Prerequisite:** EEGR 305. **Co-requisite:** EEGR305 (FALL). Students must pass each class with a grade of "C" or better.

EEGR 444 SPECIALIZED TOPICS IN MICROWAVES - *Three hours lecture; 3 credits.* Specialized topics and design relating to high frequency devices, circuits and systems. **Prerequisite:** EEGR 443. (SPRING). Students must pass EEGR 443 with a grade of "C" or better.

EEGR 451 DIGITAL SIGNAL PROCESSING - *Three hours lecture; two hours laboratory; 3 credits.* Covers discrete Fourier Transform, Fast Fourier Transform, Sampling, Quantization, Digital filter design. Emphasis is placed on the applications of digital signal processing. **Prerequisite:** EEGR 322. (SPRING). Students must pass EEGR 322 with a grade of "C" or better.

EEGR 453 COMMUNICATIONS THEORY - *Three hours lecture; 3 credits.* Includes probability theory, analog and digital modulation techniques, noise in modulating systems, digital data transmission, optimum receivers. **Prerequisite:** EEGR 322. (FALL). Students must pass EEGR 322 with a grade of "C" or better.

EEGR 454 COMMUNICATIONS ELECTRONICS - *Three hours lecture, one hour laboratory; 3 credits.* Covers spectrum and noise measurements, design of AM and ASK detectors, FM and FSK modulators, and phase lock loops. **Prerequisites:** EEGR 317 and EEGR 453. (OFFERED AS NEEDED). Students must pass each class with a grade of "C" or better.

EEGR 460 ELECTRO-OPTICS - *Three hours lecture; 3 credits.* The study of Geometrical optics which includes light rays, plane and spherical surfaces, thin and thick lenses, effects of stops, ray tracing and lens aberrations; physical optics which includes lightwaves, superposition of waves, interferences of two light beams. Frauhofer diffraction by a single opening, double slits; and diffraction grading and coherent optics which discuss the diffraction theory and lensless holography. **Prerequisites:** EEGR 305 and EEGR 317. (OFFERED AS NEEDED). Students must pass each class with a grade of "C" or better.

EEGR 461 SOLID STATE ELECTRONICS I - *Three hours lecture, one hour laboratory; 3 credits.* Treats semi conductor properties, valence bands, energy bands, equilibrium distribution of electrons and non-equilibrium transport of charges. **Prerequisite:** EEGR 215. (OFFERED AS NEEDED). Students must pass EEGR 215 with a grade of "C" or better.

EEGR 462 SOLID STATE ELECTRONICS II - *Three hours lecture, one hour laboratory; 3 credits.* Examines the theory and analysis of basic semiconductor building block devices. These structures include: PN junctions, metal-semiconductor diodes, MOSFETs, bipolar junction transistors, and metal-semiconductor field effect transistors. **Prerequisite:** EEGR 461. (OFFERED AS NEEDED). Students must pass EEGR 461 with a grade of "C" or

better.

EEGR 463 DIGITAL ELECTRONICS - *Three hours lecture; 3 credits.* Deals with the analysis, design, simulation, and applications of digital micro-electronic systems. These include TTL, CMOS, and ECL logic families, A/D and D/A converters, semiconductor memory devices such as RAM, ROM, EPROM, EEPROM, and programmable logic devices. Design projects are an integral part of this course. **Prerequisites:** EEGR 211 and EEGR 317. (SPRING). Students must pass each class with a grade of "C" or better.

EEGR 465 PHYSICAL ELECTRONICS - *Three hours lecture, two hours laboratory; 3 credits.* Analysis of semiconductor device characteristics. Includes homojunction and heterojunction materials, MESFET devices, HEMT FETs, heterojunction bipolar transistors and quantum well structures. **Prerequisite:** EEGR 317. (OFFERED AS NEEDED). Students must pass EEGR 317 with a grade of "C" or better.

EEGR 471 DESIGN OF INTEGRATED CIRCUITS - *Three hours lecture, one hour laboratory; 3 credits.* Includes microelectronic circuit design and silicon integrated device characteristics and fabrication. **Prerequisite:** EEGR 317. (OFFERED AS NEEDED). Students must pass EEGR 317 with a grade of "C" or better.

EEGR 480 INTRODUCTION TO CYBER SECURITY - *Three hours lecture; 3 credits.* This course will provide a basic introduction to of all aspects of cyber-security including business, policy and procedures, communications security, network security, security management, legal issues, political issues, and technical issues. This serves as the introduction to the cyber security program. **Prerequisite:** EEGR 317. Students must pass EEGR 317 with a grade of "C" or better.

EEGR 481 INTRODUCTION TO NETWORK SECURITY - *Three hours lecture; 3 credits.* This course will provide the basic concepts in the many aspects of security associated with today's modern computer networks including local area networks and the internet. It includes the fundamentals of network architecture, vulnerabilities, and security mechanisms including firewalls, guards, intrusion detection, access control, malware scanners and biometrics. **Prerequisite:** EEGR 317. Students must pass EEGR 317 with a grade of "C" or better.

EEGR 482 INTRODUCTION TO CRYPTOGRAPHY - *Three hours lecture; 3 credits.* This course will provide practical knowledge on a wide range of cryptography mechanisms and will explore their relationship with today's modern communications and networks. It includes the fundamentals of cryptography, classic and modern encryption, decryption, public and private key structures, digital signature and secure hash functions. **Prerequisite:** EEGR 317. Students must pass EEGR 317 with a grade of "C" or better.

EEGR 483 INTRODUCTION TO SECURITY MANAGEMENT - *Three hours lecture; 3 credits.* This course will provide a basic background in the many aspects of security management associated with today's modern communications and networks. It includes the fundamentals of Risk Analysis, Risk Management, Security Policy, Security Operations, Legal issues, Business issues and Secure Systems Development. **Prerequisite:** EEGR 317. Students must pass EEGR 317 with a grade of "C" or better.

EEGR 487 TELECOMMUNICATIONS - *Three hours lecture; 3 credits.* Consists of telecommunications systems design for point-to-point and mass data distribution, modulation techniques, propagation modes, and control methods. **Prerequisite:** EEGR 453. (OFFERED AS NEEDED). Students must pass EEGR 453 with a grade of "C" or better.

EEGR 489 CELLULAR WIRELESS COMMUNCATIONS - *Three hours lecture; 3 credits.* Includes the basic concepts of wireless and RF systems; global system for mobile communications (GSM); code division multiple access (CDMA); and GPRS data protocols. **Prerequisites:** EEGR 322. (OFFERED AS NEEDED). Students must pass EEGR 322 with a grade of "C" or better.

EEGR 490 SENIOR DESIGN PROJECT I - *Five hours; 2 credits.* This is the first part of a two-part sequence capstone design project. In the first part, students will select their project advisor and develop a written proposal for their major design, which indicates how the design will be executed. Students will also learn project planning and the design cycle, and consider engineering standards as the proposal is developed. This is a practicum where the minimum level of effort required is five hours per credit. A copy of the proposal, with appropriate signatures, must be submitted to the Department. **Prerequisites:** EEGR 317 and EEGR 390; **Co-requisite:** EEGR 390. **This course is offered only for graduating seniors in the next to last semester of enrollment. Department approval required.** (FALL/SPRING). Students must pass each class with a grade of "C" or better.

EEGR 491 SENIOR DESIGN PROJECT II - *Ten hours; 2 credits.* This is the second part of a two-part sequence capstone design project. Individual or team design, development, and analyzing of projects. Students are required to present their work in an open forum to faculty, peers and invited guests. A final technical report is required which professionally documents the design project. A copy of the report, with appropriate signatures, must be submitted to the Department office.

EEGR 498 INDEPENDENT PROJECT - *Two hours lecture, three hours laboratory; 3 credits.* Individual student study performed under faculty supervision. The level of effort and subject matter must be equivalent to a 400 level Department course. Prerequisite: Departmental approval before registration required. (OFFERED AS NEEDED).

EEGR 499 SPECIAL TOPICS IN ELECTRICAL ENGINEERING - *Three hours lecture; 3 credits.* Special course not offered on a regular basis. Prerequisite: Departmental approval before registration. (OFFERED AS NEEDED).

MORGAN STATE UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
BACHELOR OF SCIENCE DEGREE IN ELECTRICAL ENGINEERING
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

MATH 241 – MQ – Calculus I	4
ENGL 101 – EC – Freshman Composition I	3
XXX – SB – Social and Behavioral Science Elective	3
OREN Freshman Orientation for Engineering	1
XXX – HH – Health and Healthful Living Elective	3
	14

FRESHMAN YEAR (SECOND SEMESTER)

MATH 242 – MQ – Calculus II	4
ENGL 102 – EC – Freshman Composition II	3
EEGR 105 Intro to Electrical & Computer Engineering	3
PHYS 205 + PHYS 205L – BP – Univ Physics + Lab	5
	15

SOPHOMORE YEAR (FIRST SEMESTER)

PHYS 206+PHYS 206L – BP – Univ Phys II+Lab II	5
MATH 340 – MQ – Differential Equations	3
EEGR 202 Electric Circuits	4
EEGR 203 Introduction to Electrical Laboratory	1
EEGR 161 Introduction to C Programming	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 243 – MQ – Calculus III	4
EEGR 221 Signals and Systems	4
EEGR 215 Electronic Materials and Devices	4
XXX – SB – Social and Behavioral Science Elective	3
EEGR 211 Introduction to Digital Logic	3
	18

JUNIOR YEAR (FIRST SEMESTER)

EEGR 305 Electromagnetic Theory and Applications	4
EEGR 322 Discrete Systems	3
EEGR 317 Electronic Circuits	4
XXX – AH – Arts and Humanities Elective	3
	14

JUNIOR YEAR (SECOND SEMESTER)

MATH 331 – MQ – Applied Probability and Statistics	3
EEGR 390 Principles of Design	3
XXXX Approved Non EE Elective	3
EEGR XXX ECE Elective	3
PHIL 109 – CT – Introduction to Logic	3
	15

SENIOR YEAR (FIRST SEMESTER)

EEGR 490 Senior Design Project I	2
EEGR 400 Introduction to Professional Practice	1
EEGR XXX ECE Elective	3
EEGR XXX ECE Elective	3
XXX – AH – Arts and Humanities Elective	3
CHEM 110+CHEM 110L – BP – Gen Chem for Eng	4
	16

SENIOR YEAR (SECOND SEMESTER)

EEGR 491 Senior Design Project II	2
EEGR XXX ECE Elective	3
HIST 350 – CI – Introduction to the African Diaspora	3
XXX Approved Non EE Elective	3
PHEC XXX Physical Education	1
	12

TOTAL CREDIT HOURS **120**

MORGAN STATE UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING / MASTER OF ENGINEERING[1] DEGREES
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

MATH 241 – MQ – Calculus I	4
ENGL 101 – EC – Freshman Composition I	3
XXX – SB – Social and Behavioral Science Elective	3
OREN 104 Freshman Orientation for Engineering	1
XXX – HH – Health and Healthful Living Elective	3
	14

FRESHMAN YEAR (SECOND SEMESTER)

MATH 242 – MQ – Calculus II	4
ENGL 102 – EC – Freshman Composition II	3
EEGR 105 Intro to Electrical & Computer Engineering	3
PHYS 205 + PHYS 205L – BP – Univ Physics + Lab	5
	15

SOPHOMORE YEAR (FIRST SEMESTER)

PHYS 206+PHYS 206L – BP – Univ Phys II+Lab II	5
MATH 340 – MQ – Differential Equations	3
EEGR 202 Electric Circuits	4
EEGR 203 Introduction to Electrical Laboratory	1
EEGR 161 Introduction to C Programming	3
	16

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 243 – MQ – Calculus III	4
EEGR 221 Signals and Systems	4
EEGR 215 Electronic Materials and Devices	4
XXX – SB – Social and Behavioral Science Elective	3
EEGR 211 Introduction to Digital Logic	3
	18

JUNIOR YEAR (FIRST SEMESTER)

EEGR 305 Electromagnetic Theory and Applications	4
EEGR 322 Discrete Systems	3
EEGR 317 Electronic Circuits	4
XXX – AH – Arts and Humanities Elective	3
	14

JUNIOR YEAR (SECOND SEMESTER)

MATH 331 – MQ – Applied Probability and Statistics	3
EEGR 390 Principles of Design	3
XXX Approved Non EE Elective	3
EEGR XXX ECE Elective	3
PHIL 109 – CT – Introduction to Logic	3
	15

SENIOR YEAR (FIRST SEMESTER)

EEGR 400 Introduction to Professional Practice	1
EEGR XXX ECE Elective	3
EEGR XXX ECE Elective	3
XXX – AH – Arts and Humanities Elective	3
CHEM 110+CHEM 110L – BP – Gen Chem for Eng + Lab	4
EEGR 505 Advanced Engineering Mathematics	*3*
	17

SENIOR YEAR (SECOND SEMESTER)

EEGR 490 Senior Design Project I	2
EEGR XXX ECE Elective	3
HIST 350 – CI – Introduction to the African Diaspora	3
XXX Approved Non EE Elective	3
PHEC XXX Physical Education	1
EEGR 5/6XX Graduate Elective	*3*
EEGR 5/6XX Graduate Elective	*3*
	18

SENIOR YEAR (THIRD SEMESTER)

EEGR 795 Project Report I / 797 Thesis Guidance	2
EEGR 788 Seminar I	*1*
EEGR 5/6XX Graduate Elective	*3*
EEGR 5/6XX Graduate Elective	*3*
CEGR 514 Environmental Impact and Risk Assessment	*3*
	12

MASTER'S (FIRST SEMESTER)

EEGR 796 Project Report II / 799 Thesis Seminar	*2/3*
EEGR 789 Seminar II	*1*
IEGR 512 Advanced Project Management	*3*
XXX Graduate Elective	*3*
XXX Graduate Elective	*3*
	12/13

TOTAL UNDERGRADUATE CREDIT HOURS
PROJECT OPTION: 120
THESIS OPTION: 120

TOTAL GRADUATE CREDIT HOURS
PROJECT OPTION: 31
THESIS OPTION: 32

[1]Graduate courses are noted in italics

MORGAN STATE UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
BACHELOR OF SCIENCE / MASTER OF SCIENCE[1] IN ELECTRICAL ENGINEERING DEGREES
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

MATH 241 – MQ – Calculus I	4
ENGL 101 – EC – Freshman Composition I	3
XXX – SB – Social and Behavioral Science Elective	3
OREN 104 Freshman Orientation for Engineering	1
XXX – HH – Health and Healthful Living Elective	3
	14

SOPHOMORE YEAR (FIRST SEMESTER)

PHYS 206+PHYS 206L – BP – Univ Phys II+Lab II	5
MATH 340 – MQ – Differential Equations	3
EEGR 202 Electric Circuits	4
EEGR 203 Introduction to Electrical Laboratory	1
EEGR 161 Introduction to C Programming	3
	16

JUNIOR YEAR (FIRST SEMESTER)

EEGR 305 Electromagnetic Theory and Applications	4
EEGR 322 Discrete Systems	3
EEGR 317 Electronic Circuits	4
XXX – AH – Arts and Humanities Elective	3
	14

SENIOR YEAR (FIRST SEMESTER)

EEGR 400 Introduction to Professional Practice	1
EEGR XXX ECE Elective	3
EEGR XXX ECE Elective	3
XXX – AH – Arts and Humanities Elective	3
CHEM 110+CHEM 110L – BP – Gen Chem for Eng	4
EEGR XXX Core – Varies by Concentration	*3*
	17

SENIOR YEAR (THIRD SEMESTER)

EEGR 799 Thesis Seminar	*3*
EEGR XXX Core – Varies by Concentration	*3*
XXX Graduate Elective	*3*
XXX Graduate Elective	*3*
	12

TOTAL UNDERGRADUATE CREDIT HOURS
THESIS OPTION: 120

FRESHMAN YEAR (SECOND SEMESTER)

MATH 242 – MQ – Calculus II	4
ENGL 102 – EC – Freshman Composition II	3
EEGR 105 Intro to Electrical & Computer Engineering	3
PHYS 205 + PHYS 205L – BP – Univ Physics + Lab	5
	15

SOPHOMORE YEAR (SECOND SEMESTER)

MATH 243 – MQ – Calculus III	4
EEGR 221 Signals and Systems	4
EEGR 215 Electronic Materials and Devices	4
XXXX – SB – Social and Behavioral Science Elective	3
EEGR 211 Introduction to Digital Logic	3
	18

JUNIOR YEAR (SECOND SEMESTER)

MATH 331 – MQ – Applied Probability and Statistics	3
EEGR 390 Principles of Design	3
XXX Approved Non EE Elective	3
EEGR XXX ECE Elective	3
PHIL 109 – CT – Introduction to Logic	3
	15

SENIOR YEAR (SECOND SEMESTER)

EEGR 490 Senior Design Project I	2
EEGR XXX ECE Elective	3
HIST 350 – CI – Introduction to the African Diaspora	3
XXX Approved Non EE Elective	3
PHEC XXX Physical Education	1
EEGR XXX Core – Varies by Concentration	*3*
XXX Graduate Elective	*3*
	18

MASTER'S (FIRST SEMESTER)

EEGR 797 Thesis Guidance	2
XXX Graduate Elective	*3*
XXX Graduate Elective	*3*
	8

TOTAL GRADUATE CREDIT HOURS
THESIS OPTION: 27

[1]Graduate courses are noted in italics

INDUSTRIAL AND SYSTEMS ENGINEERING

Chairperson of the Department: TRIDIP K. BARDHAN; Professor: SEONG W. LEE, GUANGMING CHEN; Associate Professor: RICHARD A. PITTS, Jr., LEEROY BRONNER; Assistant Professor: BHEEM KATTEL; Lecturers: MASUD SALIMIAN.

THE INDUSTRIAL ENGINEERING PROGRAM

The Industrial Engineering Program provides students with the knowledge, skills and tools to design and improve processes, and apply the basic factors of production (people, machines, materials, information, and energy) to make products and deliver goods and services. The program seeks to provide students with a broad array of talents and experiences that would enable them to work in multi-disciplinary and diverse teams to solve a wide variety of problems. At the same time, the program allows for some focus in a concentration area, such as engineering management, manufacturing systems, information and systems engineering, and ergonomics and human factors.

Our Industrial Engineering Program is currently accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. This is the only accredited Industrial Engineering program in the state of Maryland.

Because industrial production is a critical part of national prosperity and strength, today's industrial engineers are expected to be creative in problem solving, and to work with new and improved production machinery, robots and automation systems, computers, and in general, new technology, to produce high quality goods and services at low cost and/or for the maximum benefit to society.

The technical, socio-economic and cultural nature of industrial engineering problems requires the industrial engineer to be highly skilled in the basic sciences, computers, engineering, and analytical methods, and to have a broad training that encompasses the behavioral sciences, economics and management, human relations, as well as consciousness of the environment.

OBJECTIVES

The objectives of the ISE department are to prepare future leaders in Industrial Engineering with the knowledge, skills, and tools:

1. To prepare students to apply an exemplary foundation in the basic sciences, computer technology and engineering methods to solving industrial as well as manufacturing engineering problems.

2. To provide students with the skills to perform industrial engineering design, product design, and analysis, using traditional methods of mechanical, energy and manufacturing engineering.

3. To prepare and train students to work in multi-disciplinary and diverse teams to solve a wide variety of both technical and non-technical problems.

4. To educate students in methods and skills that incorporate proven techniques in human engineering and ergonomics in developing engineering solutions.

5. To prepare students to apply new tools and techniques of computer and information technology to the solution of industrial engineering as well as manufacturing engineering problems.

6. To prepare students to readily communicate complex technical information to a wide variety of audiences in both written and oral form.

7. To provide students with tools to continue their professional development and life-long learning.

REQUIREMENTS FOR THE B.S. DEGREE IN INDUSTRIAL ENGINEERING

All students pursuing the Bachelor of Science degree in Industrial Engineering (BSIE) are required to have earned a minimum of **120** academic credit hours or equivalent, at the completion of their program of study in the Industrial and Systems Engineering (ISE) Department. The minimum required credit-hour breakdown is as follows:

Category	***Credits***
General Education & University Requirements	45
Science and Mathematics Requirements	21
Industrial Engineering Core Requirements	42
IE Elective and Concentration Requirements	12
TOTAL	**120**

Students must complete all of the requirements in the sections: A, B, C, and D.

A. GENERAL EDUCATION AND UNIVERSITY REQUIREMENTS

Course #	**Course Title**	**Credit**
CHEM 110	General Chemistry for Engineering (Lecture and laboratory, CHEM 110L)	4
COMM 203[1]	Media Literacy in a Diverse World	3
ECON 211[2]	Principles of Economics	3
ENGL 101	Freshman Composition I	3
ENGL 102	Freshman Composition II	3
HEED 103[3]	Health Science: H&S Determinants	3
HIST 350	Intro to African Diaspora	3
HUMA 201[1]	Introduction to Humanities I	3
IEGR 304	Intro to Programming for IE + Lab	3
MATH 241	Calculus I	4
OREN 104	Introduction to Engineering	1
PHEC xxx	Physical Education	1
PHIL 109	Introduction to Logic	3
PHYS 205	University Physics I + Lab I	5
PSYC 101[2]	General Psychology	3
TOTAL		**45**

B. SCIENCE AND MATHEMATICS REQUIREMENTS

Course #	Course Title	Credit
IEGR 251	Probability & Statistics for Eng I	3
IEGR 305	Thermodynamics	3
IEGR 361	Intro to Linear Programming	3
MATH 242	Calculus II	4
MATH 340	Differential Equation	3
PHYS 206	University Physics II + Lab II	5
TOTAL		**21**

C. INDUSTRIAL ENGINEERING CORE REQUIREMENTS

Course #	Course Title	Credit
IEGR 204	Intro to IE and Computers	2
IEGR 309	Materials Engineering	3
IEGR 317	Solid Modeling and Design I	3
IEGR 350	Engineering Economy	3
IEGR 351	Probability & Statistics for Eng II	3
IEGR 360	Ergo & Workplace Design + Lab	3
IEGR 363	Manufacturing Process + Lab	3
IEGR 367	Production & Operations Mgmt	3
IEGR 410	Simulation of Industrial Systems	3
IEGR 451	Design of Experiment & QC	3
IEGR 461	OR, Deterministic Model	3
IEGR 467	Prod Anal & Manufacturing Sys	4
IEGR 480	Product Design	3
IEGR 496[4]	Senior Design I	1
IEGR 498[4]	Senior Design II	2
TOTAL		**42**

D. INDUSTRIAL ENGINEERING ELECTIVE AND CONCENTRATION REQUIREMENTS

Course #	Course Title	Credit
IEGR 4XX[5]	ISE Electives (3)	9
XXXX xxx[6]	Approved Elective	3
TOTAL		**12**

[1]May be substituted by any approved Arts and Humanities Electives.
[2]May be substituted by any approved Social and Behavioral Science Electives.
[3]May be substituted by any approved Health and Healthful Living Electives.
[4]Consent of project advisor(s) and approval of department chair are required prior to registration.
[5]**At least one IEGR elective** must be selected from one of the following: IEGR 402, IEGR 404, and IEGR 455. In addition, all selected courses must be from the approved Industrial Engineering Concentration Elective courses.
[6]Approved electives are courses listed in the Physics, Chemistry, Biology, Mathematics, Computer Science, Business programs, Civil and Electrical Engineering, or other relevant courses deemed appropriate for the student's program of study. **Prior to registration, written approval must be obtained from Faculty advisor and Department Chair.**

INDUSTRIAL AND SYSTEMS ENGINEERING COURSE OFFERINGS

OREN 104 FRESHMAN ORIENTATION FOR ENGINEERING MAJORS - *Two hours lecture; 1 credit.* This course is designed to prepare students for the rigors of earning an engineering degree. It introduces students to the expectation and demands of higher education, to the legacy and traditions of Morgan State University, to college success strategies, and to the broad array of career opportunities in the fields of engineering. Students enrolled in this class are required to attend selected University convocations, School of Engineering programs, and other prescribed activities. They are also required to hold conferences with their faculty advisors. Students transferring 24 or more credits to the University when admitted are exempt from this requirement. (Formally ORIE 104). **(FALL/SPRING)**

ENGR 101 FUNDAMENTALS OF ENGINEERING I - *Four hours lecture, one hour laboratory; 4 credits.* This is the first part of a two course sequence designed to provide students with the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH 141) are accompanied by a contemporary engineering problem lab. MATH 141 is considered to be the equivalent to the two semester sequence of MATH113 and MATH 114. **Prerequisite:** MATH 113 or higher placement score or special permission from the program chair. **(FALL/SPRING)**

ENGR 102 FUNDAMENTALS OF ENGINEERING II - *Four hours lecture, one hour laboratory; 4 credits.* This is the second part of a two course sequence designed to provide students with more time to develop the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH114) are accompanied by engineering problem solving labs. **Prerequisite:** ENGR 101. Students must pass ENGR 101 with a grade of "C" or better. **(FALL/SPRING)**

IEGR 204 INTRODUCTION TO IE AND COMPUTERS - Three hours lecture and laboratory; 2 credits. This course introduces students to the basics of computer usage for engineering problem solving. Topics include: computer internal representation, computer mathematics, and Microsoft Office Applications (including Word, Excel, PowerPoint, OneNote and Access). In addition, the course includes an introduction to industrial engineering (IE) as a career, an overview of the IE curriculum at Morgan State University, and an introduction to IE research. **Prerequisite**: Engineering Major. (FALL/SPRING)

IEGR 251 PROBABILITY AND STATISTICS FOR ENGINEERS I - *Three hours lecture and laboratory; 3 credits.* This course includes introduction to statistics and data

analysis, importance of probability and statistics to engineers, Descriptive statistics, inferential statistics, introduction to probability, probability laws, Discrete and Continuous Random variables and probability distributions, and Mathematical expectations**. Prerequisite:** MATH 241. Student must pass MATH 241 with a grade of "C" or better. (FALL)

IEGR 304 INTRODUCTION TO PROGRAMMING FOR IE - *Five hours lecture and laboratory; 3 credits.* This course introduces students to computer-based problem solving and program development fundamentals through the use of current computer/robot programming environments. Emphasis is placed on developing applications which utilize STEM principles and completing a final project which allows students to work in teams to solve a medium-sized, STEM related problem. **Prerequisite:** IEGR 204. Student must pass IEGR 204 with a grade of "C" or better. (FALL/SPRING)

IEGR 304L INTRODUCTION TO PROGRAMMING FOR IE LABORATORY- *Three hours laboratory; 0 credits.* This laboratory course is a companion of IEGR 304. Students must register in one section of this course when registering for IEGR 304. **Co-requisite:** IEGR 304. (FALL/SPRING)

IEGR 305 THERMODYNAMICS - *Three hours lecture and laboratory; 3 credits*. Fundamental thermodynamic concepts, zeroth law of thermodynamics and temperature measurements; work and heat; First law of thermodynamics; properties of pure substances; First Law analysis of some thermodynamic systems; and power and refrigeration systems. **Prerequisites:** PHYS 206 and MATH 242. Student must pass PHYS 206 and MATH 242 with a grade of "C" or better. (FALL/SPRING)

IEGR 309 MATERIALS ENGINEERING - *Five hours lecture and laboratory; 3 credits*. Fundamentals of materials including the structure of metals, mechanical behavior, testing, manufacturing properties, and physical properties. Metal alloys including their structure and strengthening by heat treatment. Production, general properties, and use of steels, nonferrous metals, polymers, ceramics, graphite, diamond, and composite materials. **Prerequisites:** CHEM 110. Student must pass CHEM 110 with a grade of "C" or better. Co-requisite: PHYS 205. (SPRING)

IEGR 317 SOLID MODELING AND DESIGN - *Five hours lecture and laboratory; 3 Credits*. Introduction to solid modeling and computer-aided design for manufacturing. Students will be exposed to the rudiments of CAD and CAE, and to their applications in the design of products. Extensive discussions on modeling and design to equip students with state-of-the-art tools for product and systems design. **Prerequisite:** IEGR 204. Student must pass IEGR 204 with a grade of "C" or better. **Co-requisite:** MATH 241. (FALL/SPRING)

IEGR 335 / SEGR 335 INTRO. TO SYSTEMS ENGINEERING AND ANALYSIS - *Three hours lecture and laboratory; 3 Credits.* Introduction to systems engineering concepts. Systems structure, open-loop and closed-loop systems, positive and negative feedback. Applications to production and inventory systems, population and physical systems. Analytical foundation of systems engineering, calculus of finite differences, Fourier analysis, and use of transform techniques in linear systems analysis. **Prerequisites:** Math 242 and Junior Standing. Student must pass MATH 242 with a grade of "C" or better. (FALL)

IEGR 350 ENGINEERING ECONOMY - *Three hours lecture; 3 credits.* Introduces economic analysis from an engineering and personal finance perspective involving cost concepts (i.e., total revenue, optimal demand, and maximum profit); the time value of money concept with equivalence involving present, future, and uniform series cash flows; evaluation of single and mutually exclusive alternative projects/products utilizing present worth, future worth, annual worth, internal rate of return, and payback methods; and depreciation and income tax analyses. **Prerequisites:** IEGR 204 and MATH 241. Student must pass IEGE 204 and MATH 241 with a grade of "C" or better. (FALL/SPRING)

IEGR 351 PROBABILITY AND STATISTICS FOR ENGINEERS II - *Three hours lecture; 3 Credits*. Includes Concept of Random Variables, Discrete Probability Distributions, Continuous Probability Distributions, Point Estimation, One and Two Sample Hypothesis Testing, Analysis of Variance, Completely Randomized Experiments, Randomized Complete Block Experiments, and Regression Analysis. **Prerequisite:** IEGR 251 and MATH 242. Student must pass IEGR 251 and MATH 242 with a grade of "C" or better. (SPRING)

IEGR 360 ERGONOMICS AND WORKPLACE DESIGN - *Five hours lecture and laboratory; 3 credits.* This introductory course mainly focuses on occupational aspects of ergonomics. Human motor capabilities and limitations are addressed in the context of work and workplace design. Topics of discussion include anthropometry, work physiology, biomechanics, psychophysics, work methods/standards, time and motion study, the analysis and design of work, tools/equipment, musculoskeletal disorders, and environmental stressors such as noise, vibration, illumination and heat stress. **Prerequisites:** PHYS 205 and IEGR 251. Student must pass PHYS 205 and IEGR 251 with a grade of "C" or better. (FALL)

IEGR 360L ERGONOMICS AND WORKPLACE DESIGN LABORATORY- *Three hours laboratory; 0 credits.* This laboratory course is a companion of IEGR 360. Students must register in one section of this course when registering for IEGR 360. **Co-requisite:** IEGR 360. (FALL)

IEGR 361 INTRODUCTION TO LINEAR PROGRAMMING - *Three hours lecture; 3 Credits.* Essentials of linear algebra including vectors and matrices manipulations & definitions; matrix operations, determinant of square matrix, inverse of a matrix; quadratic forms, principal minor; convex and concave functions and convex sets. Solving systems of linear equations; plotting linear equations and inequalities, graphical solutions, extreme points and feasible

region; Introduction to linear programming and formulation of LP models, objective functions and constraints and optimal solutions; Principles of the simplex method; standard form, simplex method in tableau form, finding feasible solutions and performing iterations; computer solutions of LP. **Prerequisite:** MATH 241. Student must pass MATH 241 with a grade of "C" or better. (FALL)

IEGR 363 MANUFACTURING PROCESSES - *Five hours lecture and laboratory; 3 credits*. Defining the role of manufacturing processes in product development and manufacturing. Review of elements of materials engineering as related to manufacturing processes. Introduction of different processes including how they are done, when they are done, what are the tools and equipment required, design considerations, safety, product applications, and future trend and research interests for each process. Processes covered include casting, rolling, forging, extrusion, and CNC machining (mill & lathe). Other discussions include heat treatment, powder metallurgy, sheet metal forming, plastic and composite processing technology and welding and joining processes. Brief introduction to nontraditional manufacturing processes including mechanical, electrical, thermal and chemical processes. Review of common aspects of manufacturing such as metrology and instrumentation, quality assurance, testing and inspection, human factors engineering, safety, and product liability. **Prerequisite:** IEGR 309. Student must pass IEGR 309 with a grade of "C" or better. (FALL)

IEGR 363L MANUFACTURING PROCESS LABORATORY- *Three hours laboratory; 0 credits.* This laboratory course is a companion of IEGR 363. Students must register in one section of this course when registering for IEGR 363. **Co-requisite:** IEGR 363. (FALL/SPRING)

IEGR 367 PRODUCTION AND OPERATIONS MANAGEMENT - *Three hours lecture and laboratory; 3 credits*. Concepts of design and control of production systems, including organization, plant layout, economic analysis, work methods and measurements, and time and motion study. Design of physical manufacturing systems; integrating material handling systems, site and plant location. Project planning, control and network analysis including PERT/CPM, Crashing and stochastic models. **Prerequisites:** IEGR 350; Student must pass IEGR 350 with a grade of "C" or better. **Co-requisites**: IEGR 360, and IEGR 361. (FALL)

IEGR 402 SOFTWARE AND DATABASE DESIGN - *Four hours lecture and Laboratory; 3 credits*. Introduction to the principles of Software and Data-Base Engineering which is applied to the development of Application Software Systems. Systems analysis and design theory will be introduced using Object-Oriented Analysis and Design (OOAD) methodologies. Using the OOAD methodology in conjunction with use-case methods, software applications will be analyzed, modeled and simulated. Emphasis will be placed on students understanding how to diagram system components and their complex relationships. Numerous case studies will be used. **Prerequisite:** IEGR 304. Student must pass IEGR 304 with a grade of "C" or better. (FALL)

IEGR 404 PROGRAMMING FOR INDUSTRIAL ENGINEERING APPLICATIONS - *Four hours lecture and lab; 3 credits*. This course combines advanced programming techniques using various software systems with related course projects that incorporate other relative engineering subject areas. The focus will be on (1) the usage of Microsoft Visual C++ (advanced C++ programming), robot programming (for one or more robot platforms), Microsoft Excel (advanced spreadsheet programming), Microsoft Word (advanced word processing), LP_Solve (linear programming) and advanced simulation techniques to solve various manufacturing and service related problems, and (2) the engagement of newly developed laboratory programming modules/projects with realistic industrial engineering applications. **Prerequisite:** IEGR 304. Student must pass IEGR 304 with a grade of "C" or better. Co-requisite: IEGR 361. (OFFERED AS NEEDED)

IEGR 406 INDUSTRIAL SAFETY AND HEALTH - *Four hours lecture; 3 credits*. Survey of procedures and practices in industrial safety including government regulations (OSHA), life safety, electrical safety, air contamination, noise, radiation, ventilation, illumination, toxicology, and safety engineering organization. Prerequisite: Junior Standing. (OFFERED AS NEEDED)

IEGR 408 HEALTH CARE MANAGEMENT SYSTEMS AND SERVICES – *Three hours lecture; 3 credits*. Overview of the evolution, structure and current issues in the health care system, unique features of health care as a product, and the changing relationships between patients, physicians, hospitals, insurers, employers, communities, and government, efficiency and engineering aspects of health care system in the United States, optimization methods in health care models, efficient design of health care facilities, the impact of cost containment and competition on hospitals and integrated delivery systems, long term care and disease management, and the important role of epidemiology in assessing population health needs and risks, developments in the biotechnology, pharmaceutical, medical devices, genomics and IT industries. **Prerequisites:** Senior standing and permission of instructor. (OFFERED AS NEEDED)

IEGR 410 SIMULATION OF INDUSTRIAL SYSTEMS - *Five hours lecture and laboratory; 3 credits*. Introduction to analytic modeling and discrete event simulation of queuing systems with associated statistical concepts. Applications to industrial system modeling include production systems, inventory analysis and other aids to decision making. One simulation language is covered in detail and several others are discussed with animation demonstrated. **Prerequisite:** IEGR 304; Student must pass IEGR 304 with a grade of "C" or better. **Co-requisite**: IEGR 351. (SPRING)

IEGR 417 / SEGR 417 SYSTEMS ENGINEERING: PRINCIPLES AND TECHNIQUES - *Three hours lecture and laboratory; 3 Credits.* Introduction to systems engineering concepts. Systems structure, open-loop and closed-loop systems, positive and negative feedback. Applications to production and inventory systems, population and physical

systems. Analytical foundation of systems engineering, calculus of finite differences, Fourier analysis, and use of transform techniques in linear systems analysis. **Prerequisites:** Math 242 and Junior Standing. Student must pass MATH 242 with a grade of "C" or better. (FALL)

IEGR 420 INFORMATION SYSTEMS DESIGN - *Three hours lecture and laboratory; 3 credits*. Study of information systems development to include design, implementation, evaluation and management based on a standard development of life cycle methodology. Structured analysis and design techniques are introduced. **Prerequisites:** IEGR 304 and Junior Standing. Student must pass IEGR 304 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 425: ENGINEERING EDUCATION IN STEM LEARNING ENVIORNMENTS - *Three hours lecture; 3 credits*. This course explores the nature of technologies we use to assist in our thinking, learning and teaching by examining the latest development in tools, techniques, and devices used in engineering education within a STEM learning environment. The course focuses on cognitive tools associated with engineering activities and how to blend them with science and mathematics using new tools, techniques and devices for managing the complexity of tasks to support inquiries into new discoveries and innovations and integrating them into PreK-16 educational processes. These tools range from representational tools, computational tools and cognitive tools for supporting group thinking and learning. The course evaluates various learning technologies relative to specific learning goals and outcomes and will design a technological tool to support thinking, learning and/or teaching about concepts in STEM. Identifying assessment methods that indicate cognitive change in learners as a measure of the effectiveness of a device/tool in context of an activity. **Prerequisites:** Senior standing. (OFFERED AS NEEDED)

IEGR 432 INTRODUCTION TO QUALITY ENGINEERING - *Three hours lecture; 3 credits.* Engineering and Robust Design. Description: Off-line quality control. Build high quality into products in the design and development stages. Design high-quality products at low production cost by using quality loss function, experimental design, fractional factorial design as well as response surface methods. The objective is to design a product that is robust or less sensitive to manufacturing variations, environmental conditions and deterioration over time. **Prerequisite:** IEGR 351. Student must pass IEGR 351with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 435 / SEGR 435 QUANTITATIVE METHODS IN SYSTEMS ENGINEERING - *Three hours lecture and laboratory; 3 credits*. This course provides quantitative modeling and analysis techniques, as well as the application to decision making in systems engineering. Topics include introduction to operations management, matrix algebra, formulation of optimization models, probabilistic methods and decision analysis, quality assurance and reliability, introduction to stochastic models, system simulation, network analysis and logistics management and computer-based solution by software. **Prerequisites:** IEGR 351 and IEGR 417. Student must pass IEGR 351 and IEGR 417 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 439 ENVIRONMENTAL MANAGEMENT ISSUES - *Three hours lecture; 3 credits.* Introduction to major environmental problems in industry. Discussions in environmental ethics/ecology, development of environmental concerns, public policy and the environment, responses to environmental problems including strategies for business/society. Environmental impact in energy conversion/utilization. Case studies include hazardous waste disposal, air and water pollution. **Prerequisite:** Senior Standing. (OFFERED AS NEEDED)

IEGR 441 STOCHASTIC MODELS OF OPERATIONS RESEARCH - *Three hours lecture; 3 credits*. Basic concepts and techniques of stochastic operations research modeling. Topics include Markov chains, queuing theory, inventory systems, reliability, forecasting, decision analysis and introduction to simulation. Applications to engineering problems including the use of computer codes are also covered. **Prerequisite:** IEGR 351 and IEGR 361. Student must pass IEGR 351 and IEGR 361 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 444 HONORS RESEARCH - *3 credits*. Specially designed for honors students, independent inquiry into an industrial engineering related topic under the guidance of a faculty advisor. **Prerequisites:** Honors standing, Research Advisor's Consent and Department Chair's Approval. (FALL/SPRING)

IEGR 446 INTRODUCTION TO SOFTWARE ENGINEERING - *Three hours lecture and laboratory; 3 credits*. This course introduces software engineering principles, which includes the body of knowledge, software design, user interface issues, software requirements analysis, software construction, code reuse, software development life cycle, team-based software development, assessing design quality, design reviews and code inspections, software testing, and basic support tools. **Prerequisites:** IEGR 304 and junior standing. Student must pass IEGR 304 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 451 DESIGN OF EXPERIMENTS AND INTRO. TO QUALITY CONTROL - *Three hours lecture; 3 Credits*. Includes Single Factor Experimental Design, Introduction to Factorial Experiments, Blocks and Latin Squares and related Designs, Introduction to Quality Control, Control Charts for Variables and Attributes, The DMAIC Process, Process and Measurement System Capability Analysis, and Different Statistical Process Monitoring and Control Techniques. **Prerequisite:** IEGR 351. Student must pass IEGR 351 with a grade of "C" or better. (SPRING)

IEGR 452 PROJECT MANAGEMENT - *Three hours lecture and laboratory; 3 credits.* The concept of project planning and organization, project life cycle, project scheduling, organizational forms and conflict resolution will be

addressed. The use of schedule and technical planning and control methods such as WBS and network models as AOA, AON, and CPM/PERT will be stretched. Proposal writing and the use of project management software tools for creating a typical project plan will be explored. **Prerequisites:** IEGR 367. Student must pass IEGR 367 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 454 THEME PARK DESIGN & FACILITIES PLANNING - *Three hours lecture and lab; 3 credits.* Introduces the concept of planning traditional facilities and theme park-based facilities, as well as the expansion/revision of these types of existing facilities using quantitative methods involving mathematical algorithms with computer programming, linear programming, computer simulation, material handling systems analysis, and engineering economic analysis. Special emphasis will be placed on Theme Park Engineering where detailed theme park planning, design, and operations are examined. In addition, rollercoaster design, as well as the design of other rides/ride systems will be examined. **Prerequisites:** IEGR 304 and IEGR 317. Student must pass IEGR 304 and IEGR 317 with a grade of "C" or better. **Co-requisites:** IEGR 361 and IEGR 367. (OFFERED AS NEEDED)

IEGR 455: MULTIMEDIA INSTRUCTIONAL DESIGN - *Five hours lecture and laboratory; 3 credits*. The materials covered include: Delivery technologies, multimedia platforms, hardware devices, networking, planning, design, content provisions, and production media management, compression data standards (sound, video, image, text), data capture (text, sound, etc.), data administration, software development, authoring tools, pedagogical issues, intellectual property rights, copyright, licensing production, World Wide Web, Web authoring tools, presentation tools, learning styles, teaching methodologies, effective communication, multimedia-based learning, image/sound/video capturing and manipulation, graphic, audio, and video editing, movie making, story boards, 3-D software, creating multimedia projects, social media and communication. **Prerequisites:** IEGR 304, junior standing, and permission of instructor. Student must pass IEGR 304 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 459 INTRODUCTION TO LOGISTICS MANAGEMENT AND SUPPLY CHAIN - *Three hours lecture and laboratory; 3 credits*. A study on the discipline and philosophy of logistics and supply chain management with the high level strategy design and concepts utilizing the analytical and mathematical tools to solve simultaneous cost reduction and service enhancement problems. Within the strategic framework of supply chain and logistics management, topics like inventory, transportation information and facility oriented philosophies and techniques will be explored as knowledge integration of logistics and supply chain methodologies. **Prerequisite:** IEGR 367. Student must pass IEGR 367 with a grade of "C" or better. (FALL)

IEGR 460 ERGONOMICS AND HUMAN FACTORS - *Four hours lecture and laboratory; 3 credits.* This course focuses on human sensory, control, decision and motor systems in the context of auditory, visual, cognitive, and manual task design. Issues with noise, illumination, climate, motion, eye-hand coordination and human control of systems are presented. The principles applied to system, computer display, workplace and vehicle design are discussed. **Prerequisite:** IEGR 360. Student must pass IEGR 360 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 461 OPEARTIONS RESEARCH, DETERMINISTIC MODELS - *Three hours lecture and laboratory; 3 credits*. Review of simplex method; sensitivity analysis, duality theory and applications in LP; parametric programming, integer programming, goal programming; transportation and assignment problems, network models; **Prerequisite:** IEGR 361. Student must pass IEGR 361 with a grade of "C" or better. (SPRING)

IEGR 462 ARTIFICIAL INTELLIGENCE: PRINCIPLES AND TECHNIQUES - *Four hours lecture and laboratory; 3 credits*. Foundational principles that drive complex real-world problems applications and practice implementing some of the web search, speech recognition, face recognition, machine translation, autonomous driving, and automatic scheduling systems. The goal of Artificial intelligence (AI) is to tackle these with rigorous mathematical tools. Specific topics include machine learning, search, game playing, Markov decision processes, constraint satisfaction, graphical models, and logic. **Prerequisites:** IEGR 304 and IEGR 461. Student must pass IEGR 304 and IEGR 461 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 467 PRODUCTION ANALYSIS AND MANUFACTURING SYSTEMS - *Four hours lecture and laboratory; 4 credits*. Principles and concepts of the design, planning and control of production and manufacturing systems, including Process Technology Design, Manufacturing Lead Time (MLT) Analysis, Process Planning and Design, Computer Aided Process Planning (CAPP), Group Technology (GT) Analysis, Assembly Line balancing Techniques, Lean Production and Synchronous Manufacturing, Material Requirements Planning (MRP) & Manufacturing Resource Planning (MRP II) concepts, Flow Manufacturing & Just-in-Time (JIT) Concepts, and introduction to Material Handling Systems (MHS) and Facilities Planning. **Prerequisites:** IEGR 367; Student must pass IEGR 367 with a grade of "C" or better. **Co-requisite:** IEGR 461. (SPRING)

IEGR 468 ADVANCED MATERIAL HANDLING SYSTEMS - *Three hours lecture and laboratory; 3 credits*. Provide the basic understanding of design and control issues involving material handling systems (MHS). Develop a keen awareness for identifying potential cost saving opportunities in material handling applications. Addressing material handling systems design requirements for automated manufacturing and warehouse systems including: Facility Location problems, Unit Load Analysis, Automated Guided Vehicle (AGV) Analysis, Robotic Applications, Automated Storage Retrieval System (ASRS) Analysis, Conveyer Analysis, Automated Identification System, and Process Control using Programmable Logic Controllers (PLCs). **Prerequisites:**

IEGR 304, IEGR 363, and IEGR 367. Student must pass IEGR 304, IEGR 363, and IEGR 367 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 470 INDUSTRIAL ROBOTICS - *Five hours lecture and laboratory; 3 credits.* Principal concepts are the organization and operation of microcomputer-controlled manipulators. Experiments include kinematics, manipulation, dynamics, and trajectory planning and programming language for robots. Applications of computer-controlled robots in manufacturing and programmable automation. **Prerequisites:** IEGR 304, IEGR 363 and IEGR 367. Student must pass IEGR 304, IEGR 363 and IEGR 367 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 477 / SEGR 477 SPACECRAFT SYSTEMS ENGINEERING - *Five hours lecture and laboratory; 3 credits*. This course is designed for the engineering students who choose systems engineering as their concentration of study. The course covers the application of systems engineering in spacecraft development cycle. Topics will address systems engineering approaches in conceptual and technology development, preliminary design, final design and fabrication, integration and test, launch and operations management, risk management and life cycle analysis. **Prerequisites:** IEGR 417. Student must pass IEGR 417 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 478 COMPUTER AIDED MANUFACTURING - *Five hours lecture and laboratory; 3 credits*. Introduction to the use of CAM systems, including integration of Computer Aided Design (CAD) in part-design specification and intermediate analysis, Concurrent Engineering (CE), Design for Manufacturing (DFM), Process Engineering, Fixed Automation, Group Technology (GT), Computer Aided Process Planning (CAPP) / Computer Managed Process Planning (CMPP), NC Programming, Computer Numerical Control (CNC), and introduction to electronics manufacturing. **Prerequisites:** IEGR 317 and IEGR 363. Student must pass IEGR 317 and IEGR 363 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 479 ASSEMBLY DESIGN AND PLANNING - *Four hours lecture and laboratory; 3 credits*. A study of various topics related to design, planning and fabrication of mechanical assemblies. This includes design for assembly (DFA) principles, joining processes, design of weldments and mechanical fasteners, design for assembly jigs and fixtures, part feeding principles, assembly sequencing and process planning, and planning and control of manual and automated assembly systems. Various format of standard data exchange between assembly phase and total life cycle data and the assembly design principles will be explored. **Prerequisites:** IEGR 317 and IEGR 367. Student must pass IEGR 317 and IEGR 367 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 480 PRODUCT DESIGN - *Five hours lecture and laboratory; 3 credits*. Dynamics of converting ideas to marketable products. The use of programming skills and numerical tools to support design/redesign of products, in a 3 - D solid modeling computer workstation environment. Course covers the trajectory from product idea to design and prototype development and production. Course involves several design experiments, and requires the team design and rapid production of prototypes. **Prerequisites:** IEGR 317 and IEGR 363. Student must pass IEGR 317 and IEGR 363 with a grade of "C" or better. (FALL)

IEGR 485: ADVANCED MULTIMEDIA INSTRUCTIONAL DESIGN - *Five hours lecture and laboratory; 3 credits*. All tools and techniques introduced in the course are geared toward developing multimedia instructional design projects. The materials covered include: advanced Web authoring tools, dynamic HTML, PHP, Javascript, CGI and PERL programming, advance audio, and video editing techniques, using e-learning tools and software, incorporating social media into multimedia projects. The course uses multi-faceted professional software and hardware to integrate them into a learning environment. The course requires a project to be completed, implemented and assessed during the semester. **Prerequisites:** IEGR 455 and senior standing and/or permission of instructor. Student must pass IEGR 455 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 488 FLEXIBLE MANUFACTURING SYSTEMS - *Four hours lecture and laboratory; 3 credits*. Introduction of Flexible Manufacturing systems (FMS), including manufacturing cells, physical planning, human resources, Just-In–Time (JIT) manufacturing, processing and quality assurance equipment and systems, system support equipment, FMS computer hardware, software, and communication network and FMS installation and implementation aspects. **Prerequisites:** IEGR 317, IEGR 363, and IEGR 367. Student must pass IEGR 317, IEGR 363, and IEGR 367 with a grade of "C" or better. (OFFERED AS NEEDED)

IEGR 496 SENIOR DESIGN I - *1 credit.* A capstone design course emphasizing analysis and design in a specific industrial engineering problem area under the guidance of a faculty advisor. Students are expected to devote at least six unscheduled hours for each scheduled credit hour for this course. During this phase the student or student team is to identify the problem and analyze optional solutions and submit a written proposal describing how the project is to be executed during the follow-on course IEGR 498. **Prerequisites:** Project Advisor's Consent and Department Chair's Approval. (FALL/SPRING)

IEGR 497 HONORS SENIOR DESIGN - *3 credits*. Specially designed for honors students. A capstone design course emphasizing analysis and design in a specific industrial engineering problem area under the guidance of a faculty advisor. Students are expected to devote at least six unscheduled hours for each scheduled credit hour for this course. This course combines the two-semester sequence IEGR 496 and IEGR 498 into a single semester course for honors students. A final written report and oral presentation of the project and its results are also required. Students are also required to pass an IE comprehensive examination.

Prerequisites: Honors standing, project advisor's Consent and Department Chair's Approval. (FALL/SPRING)

IEGR 498 SENIOR DESIGN II - *2 credits*. This course is a follow-on execution of the project proposed in course IEGR 496. Students are expected to devote at least six unscheduled hours for each scheduled credit hour for this course. A final written report is required of the students. If a team of students executed the project, each student is required to submit a report describing the special aspects of the project executed by the student. An oral presentation of the project and its results is also required. The report should contain a summary of data and analysis that led to the design recommendation. Students are also required to pass an IE comprehensive examination. **Prerequisites:** IEGR 496, and project Advisor's Consent and Department Chair's Approval. (FALL/SPRING)

IEGR 499 SPECIAL TOPICS - *3 credits*. In-depth study of recent advances in specific areas of student/faculty interest. **Prerequisite:** Advisor's Consent and Department Chair's Approval. . (FALL/SPRING)

MORGAN STATE UNIVERSITY
DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING
BACHELOR OF SCIENCE DEGREE IN INDUSTRIAL ENGINEERING
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

CHEM 110+CHEM 110L – BP – Gen Chem for Eng		4
ECON 211[1] – SB – Principles of Economics		3
ENGL 101 – EC – Freshman Composition I		3
MATH 241 – MQ – Calculus I		4
OREN 104	Freshman Orientation for Eng	1
		15

FRESHMAN YEAR (SECOND SEMESTERT)

ENGL 102 – EC – Freshman Composition II		3
IEGR 204	Intro to IE and Computers	2
MATH 242 – MQ – Calculus II		4
PHYS 205 + PHYS 205L – BP – Univ Phys I + Lab I		5
		14

SOPHOMORE YEAR (FIRST SEMESTER)

IEGR 251	Probability & Statistics for Eng - I	3
IEGR 304+IEGR 304L – IM – Intro to Prog for IE		3
IEGR 350	Engineering Economy	3
PHYS 206+PHYS 206L – BP – Univ Phys II+Lab II		5
PHEC xxx	Physical Education	1
		15

SOPHOMORE YEAR (SECOND SEMESTER)

IEGR 305	Thermodynamics	3
IEGR 309	Materials Engineering	3
IEGR 317	Solid Modeling and Design I	3
IEGR 351	Probability & Statistics for Eng II	3
PSYC 101[1] – SB – General Psychology		3
		15

JUNIOR YEAR (FIRST SEMESTER)

IEGR 360+IEGR 360L	Ergo & Workplace Design	3
IEGR 361	Intro to Linear Programming	3
IEGR 363+IEGR 363L	Manufacturing Process	3
IEGR xxx[2]	IE Concentration Elective	3
PHIL 109 – CT – Introduction to Logic		3
		15

JUNIOR YEAR (SECOND SEMESTER)

HUMA 201[3] – AH – Introduction to Humanities I		3
IEGR 461	Oper Research, Deterministic Models	3
HEED 103[4] – HH – Health Science: H&S Determinants		3
IEGR 410	Simulation of Industrial Systems	3
MATH 340 – MQ – Differential Equation		3
		15

SENIOR YEAR (FIRST SEMESTER)

COMM 203[3] – AH – Media Literacy in a Diverse World		3
IEGR 367	Production & Operations Mgmt	3
IEGR 451	Design of Experiment & QC	3
IEGR 480	Product Design	3
IEGR 496[5]	Senior Design I	1
IEGR xxx[2]	IE Concentration Elective	3
		16

SENIOR YEAR (SECOND SEMESTER)

HIST 350 – CI – Introduction to African Diaspora		3
XXXX xxx[6]	Engineering Elective	3
IEGR 467	Prod Anal & Manufacturing Sys	4
IEGR 498[5]	Senior Design II	2
IEGR xxx[2]	IE Concentration Elective	3
		15

TOTAL CREDIT HOURS **120**

[1]May be substituted by any approved Social and Behavioral Science Electives.
[2]Must be from the approved Industrial Engineering Concentration Elective courses.
[3]May be substituted by any approved Arts and Humanities Electives.
[4]May be substituted by any approved Health and Healthful Living Electives.
[5]Consent of project advisor(s) and approval of department chair are required prior to registration.
[6]Must be from the ISE Department approved Engineering Elective courses.

TRANSPORTATION SYSTEMS

Chairperson of Department: PROFESSOR ANTHONY A. SAKA; Professor: Z. ANDREW FARKAS; Associate Professor: YOUNG-JAE LEE; Associate Professor: MANSOUREH JEIHANI; and Assistant Professor: CELESTE N. CHAVIS

THE MAJOR IN TRANSPORTATION SYSTEMS

The B.S. degree program in Transportation Systems provides a hybrid curriculum that prepares students for entry-level professional positions in transportation planning, systems analysis, management, and logistics; or for pursuing advanced studies. The program is technical with an applied science focus, and requires a minimum of 120 credit hours of coursework, which includes 40 credit hours in general education courses, 19 credit hours in mathematics and science, 56 credit hours in core courses, 2 credit hours in University requirements, and 3 credit hours in electives. The core courses expose the students to the major transportation concentration areas, including planning, engineering, economics, management, and logistics.

OBJECTIVES

The program graduate will:

- Utilize system approach to articulate, study, and mitigate transportation problems
- Apply latest technology and sustainability paradigm to efficiently plan, implement, analyze, evaluate, and manage components of the transportation systems
- Utilize effective communication, team, leadership and total quality management skills to work productively within their professions and communities
- Pursue professional development and advanced studies to meet the emerging and evolving demands, and increasing responsibilities of a successful career
- Conduct themselves as responsible professionals and citizens

PROGRAM OUTCOMES

The program graduates will be able to:

- Develop knowledge of local and global cross-cutting issues and challenges in transportation and engage in life-long learning
- Formulate or design a system, process, or program to meet desired needs
- Apply mathematics, science, technological tools, and principles of engineering, planning and management to solve complex transportation-related problems
- Communicate effectively and function on multidisciplinary team
- Design and conduct experiments as well as analyze and interpret data
- Understand professional and ethical responsibility, and recognize the Institute of Transportation Engineers (ITE) Canons of Ethics for Members

A. General Education Requirements

Course #	*Course Title*	*Credits*
BIOL 101 (BP)	Introduction to Biology	4
CEGR 107 (IM)	Computer Aided Design	3
ECON 212 (SB)	Principles of Economics II	3
ENGL 101 (EC)	Freshmen Composition I	3
ENGL 102 (EC)	Freshmen Composition II	3
HEED 103 (HH)	Human & Social Determinants	3
HIST 350 (CI)	Introduction to the African Diaspora	3
HUMA 201 (AH)	Introduction to Humanities I	3
PHIL 220 (AH)	Ethics and Values	3
MHTC 103 (SB)	Introduction to Group Dynamics	3
PHIL 109 (AH)	Introduction to Logic	3
TRSS 301 (BP)	Introduction to Transport Systems	3
MATH xxx (MQ)	Pre-Calculus or higher	3
Total Credits		**40**

B. Mathematics and Science Requirements

Course #	*Course Title*	*Credits*
MATH 118	Finite Mathematics	3
MATH 120	Probability and Decision Making	3
MATH 241	Calculus	4
CHEM 110	General Chemistry for Engineering	4
PHYS 205	University Physics I + Lab	5
Total Credits		**19**

C. Transportation Requirements

Course #	*Course Title*	*Credits*
ENGL 357	Business Writing	3
TRSS 105	Seminar on Professional Practice	1
TRSS 305	Urban Land Use Planning	
	OR	3
GEOG 309	Urban Land Use	
TRSS 307	Freight Transportation Sys & Logistics	3
TRSS 318	Transportation Planning & Policy	3
TRSS 319	Geographic Information Systems	3
TRSS 399	Transportation Practicum	3
TRSS 402	Transportation Economics	3
TRSS 406	Public Transportation Systems	3
TRSS 408	Advanced Logistics Systems	3
TRSS 410	Management of Transportation Systems	
	OR	3
MGMT xxx	Approved Management Course	
TRSS 412	Transportation Infrastructure/ Asset Management	3
TRSS 414	Traffic Engineering	
	OR	3
CEGR 465	Traffic Engineering	3
TRSS 415	Highway Engineering	3
TRSS 416	Microcomputer Applications in Trans	3
TRSS 417	Intelligent Transportation Systems	3
TRSS 418	Advanced Transportation Planning	3
TRSS 420	Transportation Systems Evaluation	3
TRSS 497	Senior Transportation Seminar	1
TRSS 499	Senior Transportation Project	3
XXX xxx	Electives	3
Total Credits		**59**

D. University Requirements

Course#	*Course Title*	*Credits*
PHECxxx	Physical Education Elective	1
OREN 104	Freshman Orientation for Engineering	1
Total Credits		**2**

OREN 104 Freshman Orientation for Engineering – *Two hours lecture; 1 credit.* This course is designed to prepare students for the rigors of earning an engineering degree. It introduces students to the expectation and demands of higher education, to the legacy and traditions of Morgan State University, to college success strategies, and to the broad array of career opportunities in the fields of engineering. Students enrolled in this class are required to attend selected University convocations, School of Engineering programs, and other prescribed activities. They are also required to hold conferences with their faculty advisors. Students transferring 24 or more credits to the University when admitted are exempt from this requirement. (Fall, Spring)

ENGR 101 FUNDAMENTALS OF ENGINEERING I *Four hours lecture, one hour laboratory; 4 credits*. This is the first part of a two course sequence designed to provide students with the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH 141) are accompanied by a contemporary engineering problem lab. MATH 141 is considered to be the equivalent to the two semester sequence of MATH113 and MATH 114. **Prerequisite:** MATH 113 or higher placement score or special permission from the program chair.

ENGR 102 FUNDAMENTALS OF ENGINEERING II *Four hours lecture, one hour laboratory; 4 credits.* This is the second part of a two course sequence designed to provide students with more time to develop the analytical and problem solving skills needed as a foundation to enter into Calculus I (MATH 241), Introduction to Probability (MATH 120), and/or Finite Mathematics (MATH 118). Math concepts at the pre-calculus level (MATH114) are accompanied by engineering problem solving labs. **Prerequisite:** ENGR 101. Students must pass ENGR 101 with a grade of "C" or better.

TRSS 105 Seminar on Professional Practice – *One hour lecture; 1 credit.* This is a seminar arrangement intended to continually arouse the interest of first year students in transportation and maintain their interaction with the transportation faculty and transportation professionals as they take the majority of courses outside the department to satisfy the general education requirement. The seminar will involve presentations on professional ethics, current and future state of the transportation profession, and roles of the different transportation modal agencies by invited guests from the public and private sectors. (Spring)

TRSS 301 Introduction to Transportation Systems – *Three hours lecture; 3 credits.* This is the introductory course for transportation systems. It will discuss the basic concepts and strategies in the study of systems, key issues pertaining to the different areas of transportation including planning, engineering, management, and logistics. The historical, physical, economic, social, and environmental aspects of transportation will be covered. (Fall, Spring)

TRSS 305 Urban Land Use Planning – *Three hours lecture; 3 credits.* This course deals with the basic concepts, principles, strategies, and tools of urban land use planning. Emphasis will be on the interaction between transportation and land use variables, including modeling requirements, impacts, and data needs within the context of good community planning and economic development. (Fall)

TRSS 307 Freight Transportation Systems and Logistics – *Three hours lecture; 3 credits.* The course will provide basic concepts of supply chain management, including customer service, transportation, inventory, location theory, etc. The relationship between components of supply chain management is also examined. (Fall)

TRSS 318 Transportation Planning and Policy – *Three hours lecture; 3 credits.* This course will cover the relationship between land use and transportation, landmark transportation planning-related policies, traditional four-step planning process and the respective mathematical models and algorithms, noise and air quality issues, and transportation systems capacity analysis. (Spring)

TRSS 319 Geographic Information Systems (GIS) – *Three hours lecture and lab; 3 credits.* This course will expose the student to the concept of spatial analysis using GIS tools. Topics covered will include GIS need assessment, mapping of spatial entities, linear referencing, development of a GIS-based decision support system, and applications in asset management and planning. (Fall)

TRSS 399 Transportation Practicum – *Three hours lecture; 3 credits.* This course will provide practical experience in the field of transportation by placement with a transportation agency or a faculty mentor. The student will have the opportunity to work on and complete a real project under the direct supervision of a transportation planner, engineer, manager, or faculty for a minimum period of three months. **Prerequisite**: Junior status. (Fall, Spring, Summer)

TRSS 402 Economics of Transportation – *Three hours lecture; 3 credits.* This course reinforces the microeconomic tools necessary for understanding, analyzing, and managing transportation firms and industries. The subjects covered will include costs, pricing behavior, inter-modal competition, and strategic decision making. **Prerequisite**: ECON 212 or ECON 211 and MATH 114 or equivalent, and Junior status. (Fall)

TRSS 406 Public Transportation Systems – *Three hours lecture; 3 credits.* The role of the various types of public transportation systems including bus, rail, and other new modes will be examined. The technology, planning, operation, management, and policy aspects of public transportation will be covered. **Prerequisite**: TRSS 301 or permission of the Instructor, MATH 114 or equivalent, and Junior status. (Fall)

TRSS 408 Advanced Logistics and Supply Chain Management – *Three hours lecture and lab*; 3 credits.
This course will offer in-depth analytical tools for supply chain management, including linear programming, manufacturing procedures, network analysis, inventory management, location theory, etc. The course will comprise computer applications, case studies and seminars. **Prerequisite**: TRSS 307 and MATH 118. (Spring)

TRSS 410 Management of Transportation Systems – *Three hours lecture*; 3 credits. This course will discuss managerial issues and problems in the transportation industries, including economic, marketing, operational, financial, labor relations, and institutional components. **Prerequisit**e: Junior status. (As needed)

TRSS 412 Transportation Infrastructure/Asset Management – *Three hours lecture and lab*; 3 credits.
This course will be designed to discuss the use of geo-spatial analytical tools, inventory control and equipment replacement models to develop decision support systems for making informed decisions in maintaining and replacing transportation infrastructure and assets. **Prerequisit**e: TRSS 319, MATH 118 or higher, and Junior status. (Fall)

TRSS 414 Traffic Engineering – *Three hours lecture and lab*; 3 credits. This course will cover the basic concept of traffic flow theory, collection and analysis of traffic data, level of service concept, capacity analysis of interrupted and uninterrupted flows, traffic control devices, accident analysis and countermeasures, traffic impact studies, and pedestrian and parking facilities analysis. **Prerequisite**: MATH 241 and Junior status. (Fall)

TRSS 415 Highway Engineering – *Three hours lecture and lab*; 3 credits. This course will be designed to provide the basic concept of highway systems performance analysis and design. Topics covered will include human factors; vehicle and roadway characteristics; engineering properties of highway materials; highway geometric, structural and drainage design; and capacity analysis of freeway, multilane and two-lane highways. **Prerequisite**: MATH 241 and Junior status. (Fall)

TRSS 416 Microcomputer Applications in Transportation – *Three hours lecture and lab*; 3 credits. This course will discuss a collection of state-of-the-art software packages that are commonly used in the different transportation professional areas including the Highway Capacity Software (HCS), and software for traffic engineering, transportation planning and distribution logistics. **Prerequisite**: TRSS 414, TRSS 415, and Junior status. (Spring)

TRSS 417 Intelligent Transportation Systems – *Three hours lecture*; 3 credits. This course will be designed to expose the student to the role of new technology in transportation particularly in the areas of travel information, traffic and incident management, public transportation, freight transportation, and inventory control. The history and cross-cutting issues in intelligent transportation systems deployment in the U.S. will be examined. **Prerequisite**: TRSS 301 and junior status. (Spring)

TRSS 418 Advanced Transportation Planning – *Three hours lecture and lab*; 3 credits. The course will reinforce the subjects covered in the Transportation Planning course with case studies and hands-on applications. Discussions will include the 3-C process, travel demand simulation, transportation plan development and project programming, noise and air quality analysis, and environmental justice. **Prerequisite**: TRSS 318 and Junior status. (Spring)

TRSS 420 Transportation Systems Evaluation – *Three hours lecture*; 3 credits. This course will focus on analytical methods commonly used in transportation planning. Discussions will include transit, highway and traffic-intersection capacity analysis, the transportation planning process, benefit-cost analysis, and environmental impact assessment process. **Prerequisite**: TRSS 301, MATH 114 or equivalent, and Junior status. (Spring)

TRSS 497 Senior Transportation Seminar – *One hour lecture*; 1 credit. This is a seminar arrangement intended to expose students to the art of developing research proposals, including identifying topics for senior projects; using statistical and other quantitative methods for data collection and analysis; and making oral presentation. The concepts and experience gained from TRSS 105, including ethical, contemporary, and global issues in transportation will be reinforced. **Prerequisite:** Math 120 or higher and Senior status. (Fall)

TRSS 499 Senior Transportation Project – *Three hours lecture*; 3 credits. This course will provide the student the opportunity to apply engineering, planning, and management tools in defining and solving a credible transportation problem, and presenting a final report to a panel of faculty members and invited transportation professionals. **Prerequisite**: TRSS 497. (Fall, Spring)

MORGAN STATE UNIVERSITY
DEPARTMENT OF TRANSPORTATION AND URBAN INFRASTRUCTURE STUDIES
BACHELOR OF SCIENCE DEGREE IN TRANSPORTATION SYSTEMS
SUGGESTED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101 – EC – Freshman Composition I		3
CEGR 107 – IM – Computer Aided Design		3
MHTC 103 – SB – Intro to Group Dynamics		3
OREN 104 Freshman Orientation for Engineering		1
*MATH xxx – MQ – Pre-Calculus or Higher		3
		13

SOPHOMORE YEAR (FIRST SEMESTER)

BIOL 101 – BP – Introduction to Biology		4
HUMA 201 – AH – Introduction to Humanities		3
MATH 120 – MQ – Probability & Decision Making		3
PHIL 109 – AH – Introduction to Logic		3
TRSS 301 – BP – Intro to Transportation Systems		3
		16

JUNIOR YEAR (FIRST SEMESTER)

GEOG 309	Urban Land Use	
	OR	3
TRSS 305	Urban Land Use Planning	
PHYS 205+PHYS 205L – BP – Univ Physics + Lab		5
TRSS 307	Freight Transportation & Logistics	3
TRSS 319	Geographic Information Systems	3
TRSS 406	Public Transportation Systems	3
		17

SENIOR YEAR (FIRST SEMESTER)

TRSS 399	Transportation Practicum	3
TRSS 402	Transportation Economics	3
TRSS 412	Transportation Infrastructure/ Asset Management	3
TRSS 414	Traffic Engineering	3
TRSS 415	Highway Engineering	3
TRSS 497	Senior Transportation Seminar	1
		16

***ENGR 101 or ENGR 102 can be used to satisfy the Pre-calculus requirement.**

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102 – EC – Freshman Composition II		3
ECON 212 – SB – Principles of Economics II		3
HEED 103 – HH – Human & Social Determinants		3
MATH 118 – MQ – Finite Math		3
TRSS 105	Seminar on Professional Practice	1
PHEC xxx	Physical Education Elective	1
		14

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL 220 – AH – Ethics and Values		3
MATH 241 – MQ – Calculus		4
CHEM 110+CHEM 110L – BP – Gen Chem for Eng		4
TRSS 318	Transportation Planning & Policy	3
		14

JUNIOR YEAR (SECOND SEMESTER)

ENGL 357	Business Writing	3
HIST 350 – CI –	Intro to the African Diaspora	3
TRSS 408	Advanced Logistics & Supply Chain Management	3
TRSS 410	Management of Transportation	
	OR	3
MGMT xxx	Approved Management Course	
TRSS 417	Intelligent Transportation Systems	3
		15

SENIOR YEAR (SECOND SEMESTER)

TRSS 416	Microcomputer App in Trans	3
TRSS 418	Advanced Trans Planning	3
TRSS 420	Trans Systems Evaluation	3
TRSS 499	Senior Transportation Project	3
XXX xxx	Approved Elective	3
		15

TOTAL CREDIT HOURS 120

THE SCHOOL OF SOCIAL WORK

BSW PROGRAM

SCHOOL OF SOCIAL WORK

DR. ANNA McPHATTER, Dean
DR.HALAEVALU VAKALAHI,
Associate Dean

The Social Work Program was formed in 1969 and was known as the Undergraduate Social Welfare Program in the Department of Sociology, College of Liberal Arts. In 1975 the program received departmental status and the name was changed to Department of Social Work. The change in name and status was a reflection of the recognition that the baccalaureate degree in social work is the first professional degree in this profession. The social work program received approval by the Council on Social Work Education in 1971. In 1975, it became one of the first undergraduate programs in the country to receive accreditation by this body. The department has continued to receive re-accreditation since that time. In 2005 and 2006 respectively the department reached new growth and expanded to add both a Masters and PhD program. Both programs have adapted the rich tradition of enhancing the knowledge base of future social workers and leaders in America with a specific focus in urban areas. In 2009, the Department of Social Work became the School of Social Work.

Since the first class earning the B.A. degree graduated 1971, students completing the undergraduate degree in social work have gone on to distinguished careers in social work and other related disciplines. Social agencies located in the Baltimore-Metropolitan area employ numerous Morgan social work graduates. These agencies include Baltimore Public Schools, hospitals, psychiatric facilities, correctional facilities, child welfare agencies, and agencies that provide services to the elderly. In addition, sventy five percent of the students receiving the bachelor's degree in social work from Morgan pursue graduate studies in social work within two years of receiving the BSW.

FACULTY

Chairperson of Department: Yvonne Greene; **Professors:** Sandra Chipungu; **Associate Professors**: Rhonda Wells Wilbon, Melissa Littlefield, Kevin DanielsSandra Austin; **Assistant Professors**: Laurens Van Sluytman, Denise McLane-Davison Michael Sinclair, Anthony Estreet, Taqi Tirmazi; Paul Archibald, Dawn Thurmaqn, Minili Liao, Linda Darrell; **Lecturer:** Margaret Pittman.

Director of Field Education: Thelma Rich
Assistant Director of Field Education: Johanna Cottman

THE MAJOR IN SOCIAL WORK STATEMENT OF MISSION AND GOALS

The mission of the Social Work Program is to prepare beginning generalist and advanced practitioners to practice competently and effectively with urban families, groups, organizations, and communities. In recognition of Morgan State University's mission to address human service needs of urban residents, the program is committed to the alleviation of human suffering, and the improvement of the quality of life for urban residents. Because African Americans make up a substantial percentage of the urban population, and are also over represented among urban residents facing unrelenting social and economic problems, the program has a major focus on preparing its graduates to address systematically and strategically, issues of poverty and socioeconomic disadvantage, interpersonal and community violence, substance abuse and mental health problems, social injustice and discrimination. The program's overarching goal is to prepare beginning and advanced social workers whose knowledge, values, ethics, and skills enable them to intervene effectively with distressed African American communities, as well as other communities and populations at risk for negative outcomes and overall well being. The Program's curriculum is built upon the mission and goals and is supported by the faculty through applied research, scholarship, and ongoing commitment and service to the city and state. The BSW and MSW Programs at Morgan State University are fully accredited by the Council on Social Work Education. The Ph.D. Program is also offered in the School of Social Work.

ADMISSION TO THE BSW SOCIAL WORK PROGRAM

Admission to Morgan State University does not constitute admission to the Social Work Program. Students planning to major in Social Work should contact the School of Social Work for information on the Social Work Program. Students interested in a career in social work may enter the Department under the status of "Prospective Social Work Major" which enables the student to be advised and guided through General Education requirements by

a social work faculty member. No credit is granted for life experiences. Social Work admission requirements and guidelines include the following:

1) Completion of General Education Requirements – 40 credits
2) Cumulative Grade Point Average of 2.5
3) Completion of Social Work application (obtained from departmental office)
4) Completion of a Biographical and Personal Statement
5) Two letters of recommendation
6) Possible Interview with Admissions and Retention Committee

Admissions and Retention Committee

The admissions process is designed to assist students in determining the compatibility of their own goals with those of the social work profession.

STATUTE OF LIMITATION AND TRANSFER POLICY

There is a seven year statute of limitation on social work foundation courses. Social Work Practice courses and Field Education internships must be completed at Morgan State University. Students admitted into the social work program from another major within the University must complete the curriculum plan that is in effect at the time of admission to social work, which may differ from the curriculum plan in the catalog under which the student entered the University.

RETENTION/GRADUATION

Majors must retain a 2.5 cumulative grade point average and must have a 2.5 cumulative grade point average upon graduation.

REQUIREMENTS

Social Work students are required to complete an inter-disciplinary arrangement of courses which make up the liberal arts foundation as a basis for entering the social work curriculum. Many of these courses constitute the General Education Requirements of the University and include: Language Arts and Critical Thinking, Humanities and the Arts, Social and Behavioral Sciences, Mathematics, African and African-American Studies, Biological and Physical Sciences, and Health and Physical Education. In addition, social work majors are required to complete the following support courses with a grade of "C" or better:

Required Support Courses:

PSYC 101	General Psychology
SOCI 101	Introduction to Sociology
ECON 211	Principles of Economics
SOCI 351	Introduction to Social Statistics

Social Work Requirements:

SOWK 200	Introduction to Social Work
SOWK 209	Black Families
SOWK 329	Social Welfare and Social Policy
SOWK 331	Human Behavior and the Social Environment I
SOWK 332	Human Behavior and the Social Environment II
SOWK 334	Generalist Practice I
SOWK 342	Diversity and Issues of Social and Economic Justice
SOWK 460	Social Work Research
SOWK 423	Clinical Social Work/Case Management
SOWK 424	Chemical Dependence and Community Violence
SOWK 432	Field Education and Laboratory I
SOWK 433	Field Education and Laboratory II
SOWK 434	Social Work Practice II
SOWK 435	Social Work Practice III
SOWK 436	Senior Seminar

Please refer to the Recommended Curriculum Sequence for General Education Requirements as well as the other requirements for the Social Work major. Social Work students must complete General Education Requirements prior to taking Social Work courses with the exception of SOWK 200—Introduction to Social Work and SOWK 209 —Black Families. These requirements apply to students entering Morgan for the first time as well as transfer students.

School Electives-

All students completing a major in Social Work must complete six (6) credits of courses offered in the BSW Department in the School of Social Work and/or the university. These courses are designed to enhance the student's knowledge and under- standing of urban issues, problems, and solutions and must be taken at Morgan State University. Students must consult with their faculty advisor to select courses.

SOCIAL WORK COURSE OFFERINGS

ORSW 101 FRESHMAN ORIENTATION FOR THE SCHOOL OF SOCIAL WORK *Two hours; 1 credit.* This course introduces students to the expectations and demands of higher education, to the legacy and tradition of Morgan State University, to college survival strategies, to the academic requirements of the BSW Program, and to the array of career opportunities in the social work profession. Students enrolled in this class are required to attend all university convocations and other prescribed extra-curricular activities. They are also required to hold conferences with their faculty advisers in order to pass the course. Students transferring 24 or more credits to the university when admitted are exempted from this requirement. **(FALL/SPRING). Must earn a "C" or higher in the course.**

SOWK 200 INTRODUCTION TO SOCIAL WORK *Three hours; 3 credits.* This introductory course is open to students interested in learning about or pursuing social work as a career and is required for social work majors. The course explores professional social work in terms of its purpose and goals; its values and ethics; its special mission to the enhancement of human well-being and to the alleviation of poverty and oppression; its fields of practice, i.e., child welfare, mental health and developmental disabilities, health care, criminal justice, the work place, human diversity, aging, housing, and the homeless, etc.; and its direct practice methods within a generalist perspective. Special attention will be paid to the historical and contemporary contributions of African Americans to the broad field of social welfare. (FALL/SPRING). **Must earn a "C" or higher in the course.**

SOWK 209 BLACK FAMILIES *Three hours; 3 credits.* This course provides an in-depth examination of Black families in their struggle to develop into strong viable kinship institutions in the face of political, economic, and cultural adversity. The course will introduce students to the historical and cultural forces which have shaped Black families from traditional Africa through slavery to contemporary urban society. It will explore major theoretical perspectives of the Black family and provide students with an overview of major social welfare policies and programs designed to address family needs. Most significantly, it will give students insight into the strategies and tactics born out of the Black experience to strengthen and en- hance contemporary Black family life. (FALL/ SPRING).
Must earn a "C" or higher in the course.

SOWK 329 SOCIAL WELFARE AND SOCIAL POLICY *Three hours; 3 credits.* The Social Welfare and Social Policy course is designed to introduce and familiarize students with the concept of social welfare as a broad field consisting of a variety of programs, policies, laws, institutions, and systems designed to provide for the general well-being of the entire population. The field of social welfare will be examined from a historical, as well as present day perspective, in order that the student may gain an understanding of the relationship between societal values, political and economic influences as well as frameworks that guide formulation and implementation of social welfare policies and programs. Emphasis will also be placed on the role of Blacks and other minority groups as architects, as well as systems change agents. Students are expected to critically analyze social policy and be able to discern when policies and programs present obstacles to the well-being of client populations. **Prerequisites:** ECON 211, SOCI 101, SOWK 200. **Gateway course-Permission only by acceptance into the BSW Program**. (FALL/ SPRING). **Must earn a "C" or higher in the course.**

SOWK 331-332 HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT I AND II *Six hours; 6 credits.* This two course sequence is a study of physical and social environments, including communities and organizations as the context for life course development. Using the Ecological Systems Perspective as a framework, the course focuses on the complex and dynamic interaction between various environmental systems and the biological, cognitive, and psychosocial development of the individual. Special emphasis will be placed on factors which are obstacles to healthy bio-psychosocial development and functioning, i.e., poverty and socioeconomic disadvantage, interpersonal and community violence, chemical abuse, oppression, etc. Special attention will also be given toward helping students develop their capacity for critical analysis of development theories and the appropriateness of their use as frameworks for understanding and assessing human behavior and functioning of people of color and other diverse populations. **Prerequisites:** BIOL 101; PSYC 101; SOCI 101; SOWK 200; SOWK 209. (FALL/ SPRING). **Must earn a "C" or higher in the course.**

SOWK 334 GENERALIST PRACTICE I *Three hours; 3 credits.* This course will introduce students to the com- plex and unique characteristics of the profession of so- cial work. Students will explore in depth the knowledge base, values and ethics, and practice methodology which make up generalist social work practice. The course will present social work theories and practice models gener- ic to the profession, the problem solving model, social work roles, and beginning skills in relationship building and interviewing. The goal of the course is to prepare students for entry into Field Education with a firm grasp of the role and function of generalist social work practice.

Prerequisites: SOWK 200; SOWK 209; SOWK 329; SOWK 331.(SPRING). **Must earn a "C" or higher in the course.**

SOWK 342 DIVERSITY AND ISSUES OF SOCIAL AND ECONOMIC JUSTICE *Three hours; 3 credits.* The purpose of this course is to provide students with an understanding and appreciation of the unique historical and cultural development of diverse groups in American society. The course introduces students to a framework for cross-cultural comparison as well as explore internal divergence or diversity within each group. The dynamics of class, race, gender, labor and age inequality, injustice and subordination will be explored. The course will also present a historical analysis of the organizational structures, political ideologies, and leadership styles used by oppressed groups in the struggle for self-determination and empower- ment. The course seeks to raise the political consciousness of students as well as to familiarize them with tactics, strategies and organizational tools designed to effectuate social change. **Prerequisites:** SOWK 200; SOWK 209 SOWK 329; SOWK 331; ECON 211; SOCI 101. (FALL/ SPRING).
Must earn a "C" or higher in the course.

SOWK 423 CLINICAL SOCIAL WORK/CASE MANAGEMENT *Three hours; 3 credits.* This course introduces students to work done by Clinical Social Workers, as experienced in a new environment of more exacting case management. Focus is placed on two documents of the National Association of Social Workers: "Standards of Clinical Social Work" and "Code of Ethics." Other areas covered are various clinical theories, the therapeutic process and the goals, skills and profession- al behaviors involved in providing clinical social work services. **Prerequisites:** SOWK 200, PSYC 101, SOWK 331, SOWK 332, SOWK 334).FALL/SPRING).
Must earn a "C" or higher in the course.

SOWK 424 CHEMICAL DEPENDENCY AND COMMUNITY VIOLENCE *Three hours; 3 credits.* This course is taught in two (integrated) parts. The first part covers chemical dependency (alcohol and other drug abuse – ATOD). It will equip students with the awareness and understanding of the history of drug abuse; its policy, legal, and socio-psychological manifestations and implications and a variety of prevention, early intervention, treatment and rehabilitation approaches. The second part of this course will provide students with knowledge about inner-city community violence and the ways in which it is, and is not, related to drug abuse. These problems are approached and analyzed from an ecological perspective that examines the interaction of race/ethnicity and macro – social values and social policy, mezzo – social institutions and groups, and micro – individual psychodynamics. **Prerequisites:** SOWK 329; SOWK 331-332; SOWK 334. (FALL/SPRING).
Must earn a "C" or higher in the course.

SOWK 427 PUBLIC CHILD WELFARE IN THE URBAN ENVIRONMENT *Three hours; 3 credits.* This course is an introduction to the field of child welfare and family services in the urban environment. The roles of child welfare professionals in a variety of settings will be explored. Emphasis will be on the scope and practice of child welfare and program and policy challenges faced by current child welfare professionals. A major focus of the course will be on the development of a relevant knowledge base to provide direct service in child welfare settings. **Prerequisite:** SOWK 334. (FALL/SPRING).

SOWK 432-433 FIELD EDUCATION AND LAB I AND II *1.5 hours lecture, 16 hours field experience per semester; 6 credits per semester.* Students will receive 6 credits per semester for a total of 12 credit hours for two courses. Students will spend 16 hours per week (generally Tuesdays and Thursdays) in a community based social service agency in conjunction with a weekly seminar/lab. Students will

receive practice experience under the supervision of an experienced social work professional with an emphasis on integrating theoretical and practice methodology, developing and sharpening assessment and intervention skills introduced in the classroom. The weekly laborat- ory is designed to supplement agency experience, further integrating field learning with ongoing class work. **Prerequisites:** SOWK 200, SOWK 209, SOWK 329, SOWK 331-332; SOWK 333; SOWK 334. (FALL/SPRING). **Must earn a "C" or higher in the course.**

SOWK 434 SOCIAL WORK PRACTICE II *Three hours; 3 credits.* This course builds on the knowledge and skills acquired in Generalist Social Work Practice. The Ecological Systems Perspective provides the theoretical framework for the development of assessment, intervention, and problem solving skills. Focus will be on the integration of theoretical frameworks and social work practice models, which build on a strengths perspective. Content will be provided on at-risk individuals, families and groups negatively impacted by historical and current oppression, poverty and socioeconomic disadvantage, physical and mental disability, and ageism. Students are expected to develop a professional self-concept through continued clarification of personal and profession values and development of frameworks for use in resolving ethical dilemmas. **Prerequisites:** SOWK 331-332; SOWK 333; SOWK 334. **This course must be taken in conjunction with SOWK 432.** (FALL). **Must earn a "C" or higher in the course.**

SOWK 435 SOCIAL WORK PRACTICE III *Three hours; 3 credits.* This course builds on the knowledge and skills acquired in Generalist Social Work Practice and Social Work Methods I. Community organization, development, and social planning in urban environments provide the frame of reference for skills development. Knowledge of the ecological systems perspective is utilized to help students understand the dynamics of modifying environments, developing resources, planning, and managing societal and organizational barriers to change. **Prerequisites:** SOWK 331-332; SOWK 333; SOWK 334; SOWK 434. **This course must be taken in conjunction with SOWK 433**. (SPRING). **Must earn a "C" or higher in the course.**

SOWK 436 SENIOR SEMINAR *Three hours; 3 credits.* This seminar is the culminating course in the social work major designed to determine the extent to which students have attained a comprehensive grasp of social work knowledge, values, and skills. The development and completion of a substantial research paper serves as the comprehensive examination in the major which must be passed with a grade of "C" or better before the student is permitted to graduate. **Prerequisite:** SOWK 434. (SPRING). **Must earn a "C" or higher in the course.**

SOWK 460 SOCIAL WORK RESEARCH *Three hours; 3 credits.* This course is designed to enhance the spirit of inquiry through the development of basic knowledge of scientific research within an ethical framework. It provides a basis for understanding and appreciating the impact of research on social work theory, practice and service delivery. The research curriculum is designed to develop effective research practitioners who utilize research findings, concepts, methods, and skills in the process of social work practice. Students will be introduced to specific methods for evaluating their own practice with supervision. Students are taught how to integrate statistics into research methods. **Co-requisite:** SOWK 334; **Prerequisite:** SOCI 351 or PSYC 316. (FALL/ SPRING). **Must earn a "C" or higher in the course.**

MENTAL HEALTH TECHNOLOGY COURSES

MHTC 101 INTRODUCTION TO HUMAN SERVICES *Three hours; 3 credits.* This course will give students an overview of the field of mental health and its interrelatedness with other human service disciplines. The student will be introduced to techniques which are employed by human service professionals when making assessments of individual, family and community crises that confront people in their day to day living. Skills in observation, recording and reporting specific events accurately will be emphasized. (OFFERED AS NEEDED)

MHTC 103 INTRODUCTION TO GROUP DYNAMICS *Three hours; 3 credits.* Introduction to theory and practice of group functioning and interaction among and between group members are discussed. Small group activities in the class serve as processes to study and understand group development and behavior. Emphasis is placed on the development of effective group skills including verbal and non-verbal communication, conflict resolution, group cohesion, group roles, and group leadership. (FALL/SPRING)

MHTC 340 SPIRITUALITY AND THE HELPING TRADITION *Three hours; 3 credits.* This course is offered to aid in the development of culturally competent practitioners who will be critically reflective of and respectfully responsive to the diversity of spiritual values, ethics, and principles that contribute to the world views of the people with whom they work. It will explore the multiple definitions of spirituality and its meaning in and between various cultural and marginalized groups. The course will explore the role of spirituality in supporting

or impeding individuals, families, and group strengths as well as its interaction with structural systems. The course will provide various case examinations along with the opportunity to explore skill-based approaches for assessment and intervention. Special emphasis will be given to people of color within urban environments. (FALL/SPRING).

GERONTOLOGY COURSE

GERO 300 INTRODUCTION TO GERONTOLOGY *Three credits; 3 hours.* This course is an introduction to the field of gerontology in the social work profession. This course is designed to expose students to the aging process across the physical, cognitive, psychological, social, spiritual, and cultural dimensions in latter adult- hood. The course will investigate social policies, family constellations, health care, financial security, service de- livery, diversity and assumptions about aging. This course will apply an ecological perspective and general- ist social work practice framework, guided by the NASW Code of Ethics. Emphasis will be placed on helping the student to develop an understanding and ap- preciation for diversity, social and economic justice, disabilities and populations-at-risk within the aging population. (OFFERED ONLINE FALL/SPRING).

SOWK 361 Dimensions of Family Violence Three Credists; 3hours,
This course provides an in-depth examination of the complex issues surrounding family violence and will provide students with extensive knowledge to understand the various dynamics involved in the cycle of violence. Content in the course will explore issues of family violence as it relates to intimate partner violence, child abuse, and elderly abuse. Additionally students will be introduced to such specialized topics as stalking, sexual harassment, human trafficking, military families, and the churches' response to further expand knowledge about these dynamics and their connection to family violence. Lastly the course will incoprporate a number of international perspectives to allow students to understand that family violence crosses borders and cultures. (FALL/SPRING)

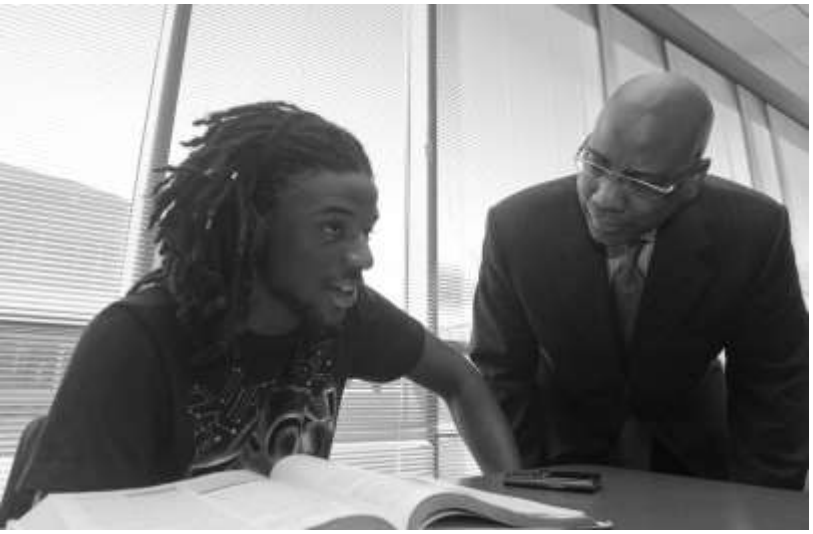
Recommended Electives

GERO 300 Introduction to Gerontology

SOWK 361 Dimensions of Family Violence

SOWK 427 Public Child Welfare in the Urban Environment

MHTC 360 Spirituality, Religions and the Helping Profession



MORGAN STATE UNIVERSITY

SCHOOL OF SOCIAL WORK

BSW DEPARTMENT

RECOMMENDED CURRICULUM SEQUENCE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	FRESHMAN COMP I	3
ORSW 101	FRESHMAN ORIENTATION	1
PSYC 101	GENERAL PSYCHOLOGY	3
HIST 101/105	WORLD HISTORY I or HISTORY OF THE U.S.	3
MATH 109	COLLEGE MATH	4
		14

FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102	FRESHMAN COMP II	3
BIOL 101	INTRODUCTION TO BIOL I	4
MHTC 103	INTRO GROUP DYNAMICS	3
HIST 102/106	WORLD HISTORY I or HISTORY OF THE U.S. II	3
HH Gen Ed	HEALTHFUL LIVING	3
		16

SOPHOMORE YEAR (FIRST SEMESTER)

HUMA 201	HUMANITIES	3
ECON 211	PRINCIPLES OF ECONOMICS	3
BP Gen Ed	NON LAB BASED	3
SOWK 200	INTRO TO SOCIAL WORK	3
IM Gen Ed	INFO,TECH, MEDIA	3
		15

SOPHOMORE YEAR (SECOND SEMESTER)

PHIL 109	INTRO TO LOGIC	3
SOCI 101	INTRO TO SOCIOLOGY	3
SOWK 209	BLACK FAMILIES	3
PHIL 220	ETHICS & VALUES	3
XXX	FREE ELECTIVE	3
		15

JUNIOR YEAR (FIRST SEMESTER)

SOWK 329	SOCIAL WELFARE AND SOCIAL POLICY	3
SOWK 331	HUMAN BEH & SOC ENVIR I	3
HIST 350	INTRO TO AFR DIASPORA	3
XXX	SCHOOL ELECTIVE	3
SOCI 351	INTRO TO SOCIAL STATISTICS	3
		15

JUNIOR YEAR (SECOND SEMESTER)

SOWK 332	HUMAN BEH & SOC ENVIR II	3
SOWK 334	GENERALIST PRACTICE I	3
XXX	SCHOOL ELECTIVE	3
SOWK 460	SOCIAL WORK RESEARCH	3
SOWK 342	DIVER & SOCIAL ECON. JUST	3
		15

SENIOR YEAR (FIRST SEMESTER)

SOWK 434	SOCIAL WORK PRACTICE II	3
SOWK 432	FIELD INSTRUCTION AND LAB	6
SOWK 424	SUBSTANCE ABUSE/ CHEM DEPENDENCY	3
SOWK 423	CLINICAL SOCIAL WORK CASE MANAGEMENT	3
		15

SENIOR YEAR (SECOND SEMESTER)

SOWK 435	SOCIAL WORK PRACTICE III	3
SOWK 433	FIELD INSTRUCTION AND LAB	6
SOWK 436	SENIOR SEMINAR	3
XXX	FREE ELECTIVE	3
		15

TOTAL CREDITS **120**

*See General Education Requirements for eligible courses.

SCHOOL OF GRADUATE STUDIES

Since its establishment in 1964, the School of Graduate Studies has seen a steady growth in the number of advanced degree programs offered. The Doctoral degree is offered in fifteen (15) programs, thirty-five (35) Master's degrees are now offered in thirty-two (32) academic areas, and graduate-level certificates are offered in seven (7) areas.

Ph.D.: Bioenvironmental Sciences Ph.D.: Business Administration
Ph.D.: Industrial and Computational Mathematics Ph.D.: English
Ph.D.: Higher Education Ph.D.: History
Ph.D.: Nursing Ph.D.: Psychometrics Ph.D.: Social Work
Ed.D.: Community College Leadership Ed.D.: Mathematics Education
Ed.D.: Science Education
Ed.D.: Urban Educational Leadership D.Eng.: Engineering
Dr.P.H.: Public Health

M.A.: African-American Studies M.A.: Economics
M.A.: English
M.A.: Higher Education Administration M.A.: History
M.A.: International Studies M.A.: Journalism
M.A.: Mathematics
M.A.: Museum Studies and Historical Preservation M.A.: Music
M.A./M.S.: Sociology M.S.: Bioinformatics
M.S.: Construction Management
M.S.: Education Administration & Supervision M.S.: Elementary & Middle School Education M.S.: Hospitality Management
M.S.: Journalism Science M.S.: Mathematics Education M.S.: Professional Accountancy M.S.: Project Management M.S.: Psychometrics
M.S.: Science (Biology) M.S.: Science (Chemistry) M.S.: Science (Physics) M.S.: Science Education
M.S.: Telecommunications Management M.S.: Transportation Studies
M.S.L.A.: Landscape Architecture M.L.A.: Landscape Architecture M.Arch.: Architecture
M.C.R.P.: City & Regional Planning M.A.T.: Master of Arts in Teaching M.B.A.: Master of Business Administration M.E.N.: Engineering
M.P.H.: Public Health M.S.N.: Nursing M.S.W.: Social Work

CERT: Bioinformatics
CERT: Health Leadership & Management CERT: Health Records Management
CERT: Museum Studies and Historical Preservation CERT: Psychometrics
CERT: Project Management
CERT: Urban Planning & Health Management

Inquiries about graduate programs, admissions, costs, financial aid, and policies should be addressed to the School of Graduate Studies, Morgan State University, Baltimore, Maryland 21251, or telephone (443) 885-3185. Inquiries can also be made by fax (443) 885-8226 and by visiting our Web site at www.morgan.edu.

GRADUATE WORK BY MORGAN SENIORS

With the approval of the chairpersons of departments concerned and the Dean of the School of Graduate Studies, seniors at Morgan State University who have completed 96 credit hours toward the baccalaureate degree with a cumulative grade point average (GPA) of 3.0 or better and who also possess a minimum GPA of 3.0 in their major may register for a maximum of six (6) credit hours of course work in the School of Graduate Studies.

Upon admission to the School of Graduate Studies, students may, when appropriate, have the credit earned for graduate courses taken as an undergraduate applied towards a graduate degree at Morgan. Or, with the prior written permission of the Department Chairperson in which their major is located, seniors may elect to have the credit earned for graduate courses applied towards a baccalaureate degree at Morgan. The credit earned, however, may be applied to satisfy degree requirements only once; either to complete requirements for the bachelor's degree or, to complete graduate degree requirements. In order to be officially registered in a graduate course, undergraduates must:

complete a form requesting to take graduate courses prior to the start of the graduate course;
have their request form signed by the Chairperson (or the Chairperson's designee) of the department in which the graduate course is taught;
have their request signed by the Dean of the School of Graduate Studies;
complete a Drop/Add form with the graduate course(s) in which the student seeks enrollment filed with the Dean of the School of Graduate; and,
be registered for the graduate course(s) by the School of Graduate Studies.

This policy applies to qualified seniors interested in enrolling in graduate courses. Undergraduates improperly enrolled in graduate courses may be administratively withdrawn from the course. Undergraduates who may be admitted to accelerated bachelor's to master's degree programs should consult their program requirements on registering for and the application of graduate courses to degree requirements.

ADMINISTRATORS OF THE UNIVERSITY

DAVID WILSON, Ed.D., *President;* B.S. and M.Ed., Tuskegee University; Ed.M. and Ed.D., Harvard University.

GLORIA GIBSON, Ph.D., *Provost and Senior Vice President for Academic Affairs*; B.A. and M.A., Southern Illinois University; and Ph.D., Indiana University Bloomington.

KARA MILES TURNER, Ph.D., *Associate Provost for Enrollment Management and Student Academic Support Services;* B.S., Rutgers University; M.A. and Ph.D., Duke University.

DON-TERRY VEAL, Ph.D., *Chief of Staff to the President*; B.A., Southern University at New Orleans; MPA., University of Mississippi; Ph.D., Norther Illinios University.

CLARA I. ADAMS, Ph.D., *Special Assistant to the President;* B.S., Morgan State University; M.S., Iowa State College; Ph.D., University of Massachusetts (in cooperation with Smith, Mt. Holyoke and Amherst Colleges).

JULIE D. GOODWIN, J.D., *General Counsel;* B.A., University of Maryland, Baltimore County; J.D., University of Maryland School of Law.

CLAUDE E. HITCHCOCK, J.D., *Assistant to the President for Governmental Relations*; B.A. and M.A., Morgan State University; J.D., University of Maryland School of Law.

KEVIN BANKS, Ed. D., *Vice President for Student Affairs;* B.A., Winston-Salem State University; M.S., Polytechnic University of New York; Ed.D., Nova Southeastern University.

CHERYL HITCHCOCK, B.A., *Vice President for Institutional Advancement;* B.A., Morgan State University; C.F.R.M., Indiana University.

SIDNEY EVANS, M.B.A., *Vice President for Finance and Management;* B.A., University of North Carolina; M.B.A. University of Pittsburgh

BICKRAM JANAK, C.P.A., *Assistant Vice President for Finance and Management;* B.S., University of Baltimore.

VICTOR MCCRARY, *Vice President for Research and Economic Development;* B.S., The Catholic University of America; M.S., University of Pennsylvania; Ph.D., Howard University.

BISI OLADIPUPO., ScD., *Chief Information Officer;* B.S., University IFE of Nigeria; M.S., Massachusetts Institute of Technology; Ph.D., Massachusetts Institute of Technology.

T. JOAN ROBINSON, Ph.D., *Vice President for International Affairs;* B.S., Federal City College; M.S. and Ph.D., Howard University.

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Appendix B
TITLE 13B
MARYLAND HIGHER EDUCATION COMMISSION
Subtitle 06 GENERAL EDUCATION AND TRANSFER
Chapter 01 Public Institutions of Higher Education
Authority: Education Article, (11-201 - 11-206, Annotated Code of Maryland)

.1 Scope and Applicability.
This chapter applies only to public institutions of higher education.

.2 Definitions.
A. In this chapter, the following terms have the meanings indicated.
B. Terms Defined.
(1) "A.A. degree" means the Associate of Arts degree.
(2) "A.A.S. degree" means the Associate of Applied Sciences degree.
(3) "Arts" means courses that examine aesthetics and the development of the aesthetic form and explore the relationship between theory and practice. Courses in this area may include fine arts, performing and studio arts, appreciation of the arts, and history of the arts.
(4) "A.S. degree" means the Associate of Sciences degree.
(5) "Biological and physical sciences" means courses that examine living systems and the physical universe. They introduce students to the variety of methods used to collect, interpret, and apply scientific data, and to an understanding of the relationship between scientific theory and application.
(6) "English composition courses" means courses that provide students with communication knowledge and skills appropriate to various writing situations, including intellectual inquiry and academic research.
(7) "General education" means the foundation of the higher education curriculum providing a coherent intellectual experience for all students.
(8) "General education program" means a program that is designed to:
(a) Introduce undergraduates to the fundamental knowledge, skills, and values that are essential to the study of academic disciplines;
(b) Encourage the pursuit of lifelong learning; and
(c) Foster the development of educated members of the community and the world.
(9) "Humanities" means courses that examine the values and cultural heritage that establish the framework for inquiry into the meaning of life. Courses in the humanities may include the language, history, literature and philosophy of Western and other cultures.
(10) "Mathematics" means courses that provide students with numerical, analytical, statistical and problem-solving skills.
(11) "Native student" means a student whose initial college enrollment was at a given institution of higher education and who has not transferred to another institution of higher education since that initial enrollment.
(12) "Parallel program" means the program of study or courses at one institution of higher education which has comparable objectives as those at another higher education institution, for example, a transfer program in psychology in a community college is definable as a parallel program to a baccalaureate psychology program at a 4-year institution of higher education.
(13) "Receiving institution" means the institution of higher education at which a transfer student currently desires to enroll.
(14) "Recommended transfer program" means a planned program of courses, both general education and courses in the major, taken at a community college, which is applicable to a baccalaureate program at a receiving institution, and ordinarily the first two years of the baccalaureate degree.
(15) "Sending institution" means the institution of higher education of most recent previous enrollment by a transfer student at which transferable academic credit was earned.
(16) "Social and behavioral sciences" means courses that examine the psychology of individuals and the ways in which individuals, groups or segments of society behave, function and influence one another. The courses include, but are not limited to, subjects which focus on:
(a) History and cultural diversity;
(b) Concepts of groups, work and political

systems;
(c) Applications of qualitative and quantitative data to social issues; and
(d) Interdependence of individuals, society and the physical environment.
(17) "Transfer student" means a student entering an institution for the first time having successfully completed a minimum of 12 credits at another institution which is applicable for credit at the institution the student is entering.

.02-1 Admission of Transfer Students to Public Institutions.

A. Admission to Institutions.
(1) A student attending a public institution who has completed an A.A., A.A.S., or A.S. degree or who has completed 56 or more credits, shall not be denied direct transfer to another public institution if the student attained a cumulative GPA of at least 2.00 on a 4.00 scale or its equivalent in parallel courses, except as provided in subsection A(4) below.
(2) A student attending a public institution who has not completed an A.A., A.A.S., or A.S. degree or who has completed fewer than 56 credits shall be eligible to transfer to a public institution regardless of the number of credits earned if the student:
(a) Satisfied the admission criteria of that receiving public institution as a high school senior; and
(b) Attained at least a cumulative GPA of 2.00 on a 4.00 scale or its equivalent in parallel courses.
(3) A student attending a public institution who did not satisfy the admission criteria of a receiving public institution as a high school senior, but who has earned sufficient credits at a public institution to be classified by the receiving public institution as a sophomore, shall meet the stated admission criteria developed and published by the receiving public institution for transfer.
(4) If the number of students seeking admission exceeds the number that can be accommodated at a receiving public institution, admission decisions shall be:
(a) Based on criteria developed and published by the receiving public institution; and
(b) Made to provide fair and equal treatment for native and transfer students.
B. Admission to Programs.
(1) A receiving public institution may require higher performance standards for admission to some programs if the standards and criteria for admission to the program:
(a) Are developed and published by the receiving public institution; and
(b) Maintain fair and equal treatment for native and transfer students.
(2) If the number of students seeking admission exceeds the number that can be accommodated in a particular professional or specialized program, admission decisions shall be:
(a) Based on criteria developed and published by the receiving public institution; and
(b) Made to provide fair and equal treatment for native and transfer students.
(3) Courses taken at a public institution as part of a recommended transfer program leading toward a baccalaureate degree shall be applicable to related programs at a receiving public institution granting the baccalaureate degree.
C. Receiving Institution Program Responsibility.
(1) The faculty of a receiving public institution shall be responsible for development and determination of the program requirements in major fields of study for a baccalaureate degree, including courses in the major field of study taken in the lower division.
(2) A receiving public institution may set program requirements in major fields of study which simultaneously fulfill general education requirements.
(3) A receiving public institution, in developing lower-division course work, shall exchange information with other public institutions to facilitate the transfer of credits into its programs.

.3 General Education Requirements for Public Institutions.

A. While public institutions have the autonomy to design their general education program to meet their unique needs and mission, that program shall conform to the definitions and common standards in this chapter. A public institution shall satisfy the general education requirement by:
(1) Requiring each program leading to the A.A. or A.S. degree to include not less than 30 and not more than 36 credits, and each baccalaureate degree program to include not

less than 40 and not more than 46 credits of required core courses, with the core requiring, at a minimum, course work in each of the following five areas:
(a) Arts and humanities,
(b) Social and behavioral sciences,
(c) Biological and physical sciences,
(d) Mathematics, and
(e) English composition; or
(2) Conforming with COMAR 13B.02.02.16D(2) (b)-(c).
B. Each core course used to satisfy the distribution requirements of A(1) of this regulation shall carry at least 3 credits.
C. General education programs of public institutions shall require at least:
(1) One course in each of two disciplines in arts and humanities;
(2) One course in each of two disciplines in social and behavioral sciences;
(3) Two science courses, at least one of which shall be a laboratory course;
(4) One course in mathematics at or above the level of college algebra; and
(5) One course in English composition.
D. Interdisciplinary and Emerging Issues.
(1) In addition to the five required areas in A of this regulation, a public institution may include up to 8 credits in a sixth category that addresses emerging issues that institutions have identified as essential to a full program of general education for their students. These courses may:
(a) Be integrated into other general education courses or may be presented as separate courses; and
(b) Include courses that:
(i) Provide an interdisciplinary examination of issues across the five areas, or
(ii) Address other categories of knowledge, skills, and values that lie outside of the five areas.
(2) Public institutions may not include the courses in this section in a general education program unless they provide academic content and rigor equivalent to the areas in A(1) of this regulation.
E. General education programs leading to the A.A.S. degree shall include at least 20 credits from the same course list designated by the sending institution for the A.A. and A.S. degrees. The A.A.S. degree shall include at least one 3-credit course from each of the five areas listed in A (1) of this regulation.
F. A course in a discipline listed in more than one of the areas of general education may be applied only to one area of general education.
G. A public institution may allow a speech communication or foreign language course to be part of the arts and humanities category.
H. Composition and literature courses may be placed in the arts and humanities area if literature is included as part of the content of the course.
I. Public institutions may not include physical education skills courses as part of the general education requirements.
J. General education courses shall reflect current scholarship in the discipline and provide reference to theoretical frameworks and methods of inquiry appropriate to academic disciplines.
K. Courses that are theoretical may include applications, but all applications courses shall include theoretical components if they are to be included as meeting general education requirements.
L. Public institutions may incorporate knowledge and skills involving the use of quantitative data, effective writing, information retrieval, and information literacy when possible in the general education program.
M. Notwithstanding A(1) of this regulation, a public 4-year institution may require 48 units of required core courses if courses upon which the institution's curriculum is based carry 4 units.
N. Public institutions shall develop systems to ensure that courses approved for inclusion on the list of general education courses are designed and assessed to comply with the requirements of this chapter.

.4 Transfer of General Education Credit.

A. A student transferring to one public institution from another public institution shall receive general education credit for work completed at the student's sending institution as provided by this chapter.
B. A completed general education program shall transfer without further review or approval by the

receiving institution and without the need for a course-by-course match.
C. Courses that are defined as general education by one institution shall transfer as general education even if the receiving institution does not have that specific course or has not designated that course as general education.
D. The receiving institution shall give lower-division general education units to a transferring student who has taken any part of the lower-division general education credits described in Regulation .03 of this chapter at a public institution for any general education courses successfully completed at the sending institution.
E. Except as provided in Regulation .03M of this chapter, a receiving institution may not require a transfer student who has completed the requisite number of general education credits at any public college or university to take, as a condition of graduation, more than 10–16 additional units of general education and specific courses required of all students at the receiving institution, with the total number not to exceed 46 units. This provision does not relieve students of the obligation to complete specific academic program requirements or course prerequisites required by a receiving institution.
F. A sending institution shall designate on or with the student transcript those courses that have met its general education requirements, as well as indicate whether the student has completed the general education program.
G. A.A.S. Degrees.
(1) While there may be variance in the numbers of credits of general education required for A.A., A.S., and A.A.S. degrees at a given institution, the courses identified as meeting general education requirements for all degrees shall come from the same general education course list and exclude technical or career courses.
(2) An A.A.S. student who transfers into a receiving institution with fewer than the total number of general education units designated by the receiving institution shall complete the difference in units according to the distribution as designated by the receiving institution. Except as provided in Regulation .03M of this chapter, the total general education units for baccalaureate degree-granting public receiving institutions may not exceed 46 units.
H. Student Responsibilities. A student is held:
(1) Accountable for the loss of units that:
(a) Result from changes in the student's selection of the major program of study,
(b) Were earned for remedial course work, or
(c) Exceed the total course credits accepted in transfer as allowed by this chapter; and
(2) Responsible for meeting all requirements of the academic program of the receiving institution.

.5 Transfer of Nongeneral Education Program Credit.

A. Transfer to Another Public Institution.
(1) Credit earned at any public institution in the state is transferable to any other public institution if the:
(a) Credit is from a college or university parallel course or program;
(b) Grades in the block of courses transferred average 2.00 or higher; and
(c) Acceptance of the credit is consistent with the policies of the receiving institution governing native students following the same program.
(2) If a native student's "D" grade in a specific course is acceptable in a program, then a "D" earned by a transfer student in the same course at a sending institution is also acceptable in the program. Conversely, if a native student is required to earn a grade of "C" or better in a required course, the transfer student shall also be required to earn a grade of "C" or better to meet the same requirement.
B. Credit earned in or transferred from a community college is limited to:
(1) 1/2 the baccalaureate degree program requirement, but may not be more than 70 credits; and
(2) The first two years of the undergraduate education experience.
C. Nontraditional Credit.
(1) The assignment of credit for AP, CLEP, or other nationally recognized standardized examination scores presented by transfer students is determined according to the same standards that apply to native students in the receiving institution, and the assignment shall be consistent with the state minimum requirements.
(2) Transfer of credit from the following areas

shall be consistent with COMAR 13B.02.02. and shall be evaluated by the receiving institution on a course-by-course basis:
(a) Technical courses from career programs;
(b) Course credit awarded through articulation agreements with other segments or agencies;
(c) Credit awarded for clinical practice or cooperative education experiences; and
(d) Credit awarded for life and work experiences.
(3) The basis for the awarding of the credit shall be indicated on the student's transcript by the receiving institution.
(4) The receiving institution shall inform a transfer student of the procedures for validation of course work for which there is no clear equivalency. Examples of validation procedures include ACE recommendations, portfolio assessment, credit through challenge, examinations, and satisfactory completion of the next course in sequence in the academic area.
(5) The receiving baccalaureate degree-granting institution shall use validation procedures when a transferring student successfully completes a course at the lower-division level that the receiving institution offers at the upper-division level. The validated units earned for the course shall be substituted for the upper-division course.
D. Program Articulation.
(1) Recommended transfer programs shall be developed through consultation between the sending and receiving institutions. A recommended transfer program represents an agreement between the two institutions that allows students aspiring to the baccalaureate degree to plan their programs. These programs constitute freshman/sophomore-level course work to be taken at the community college in fulfillment of the receiving institution's lower-division course work requirement.
(2) Recommended transfer programs in effect at the time that this regulation takes effect, which conform to this chapter, may be retained.

.6 Academic Success and General Well-Being of Transfer Students.

A. Sending Institutions.
(1) Community colleges shall encourage their students to complete the associate degree or to complete 56 credits in a recommended transfer program which includes both general education courses and courses applicable toward the program at the receiving institution.
(2) Community college students are encouraged to choose as early as possible the institution and program into which they expect to transfer.
(3) The sending institution shall:
(a) Provide to community college students information about the specific transferability of courses at 4-year colleges;
(b) Transmit information about transfer students who are capable of honors work or independent study to the receiving institution; and
(c) Promptly supply the receiving institution with all the required documents if the student has met all financial and other obligations of the sending institution for transfer.
B. Receiving Institutions.
(1) Admission requirements and curriculum prerequisites shall be stated explicitly in institutional publications.
(2) A receiving institution shall admit transfer students from newly established public colleges that are functioning with the approval of the Maryland Higher Education Commission on the same basis as applicants from regionally accredited colleges.
(3) A receiving institution shall evaluate the transcript of a degree-seeking transfer student as expeditiously as possible, and notify the student of the results not later than mid-term of the student's first term of enrollment at the receiving institution, if all official transcripts have been received at least 15 working days before mid-term. The receiving institution shall inform a student of the courses which are acceptable for transfer credit and the courses which are applicable to the student's intended program of study.
(4) A receiving institution shall give a transfer student the option of satisfying institutional graduation requirements that were in effect at the receiving institution at the time the student enrolled as a freshman at the sending institution. In the case of major requirements, a transfer student may satisfy the major requirements

in effect at the time when the student was identifiable as pursuing the recommended transfer program at the sending institution. These conditions are applicable to a student who has been continuously enrolled at the sending institution.

0.7 Programmatic Currency.

A. A receiving institution shall provide to the community college current and accurate information on recommended transfer programs and the transferability status of courses. Community college students shall have access to this information.

B. Recommended transfer programs shall be developed with each community college whenever new baccalaureate programs are approved by the degree-granting institution.

C. When considering curricular changes, institutions shall notify each other of the proposed changes that might affect transfer students. An appropriate mechanism shall be created to ensure that both 2-year and 4-year public colleges provide input or comments to the institution proposing the change. Sufficient lead time shall be provided to effect the change with minimum disruption. Transfer students are not required to repeat equivalent course work successfully completed at a community college.

.8 Transfer Mediation Committee.

A. There is a Transfer Mediation Committee, appointed by the secretary, which is representative of the public 4-year colleges and universities and the community colleges.

B. Sending and receiving institutions that disagree on the transferability of general education courses as defined by this chapter shall submit their disagreements to the Transfer Mediation Committee. The Transfer Mediation Committee shall address general questions regarding existing or past courses only, not individual student cases, and shall also address questions raised by institutions about the acceptability of new general education courses. As appropriate, the Committee shall consult with faculty on curricular issues.

C. The findings of the Transfer Mediation Committee are considered binding on both parties.

.9 Appeal Process.

A. Notice of Denial of Transfer Credit by a Receiving Institution.

(1) Except as provided in A(2) of this regulation, a receiving institution shall inform a transfer student in writing of the denial of transfer credit not later than mid-term of the transfer student's first term, if all official transcripts have been received at least 15 working days before mid-term.

(2) If transcripts are submitted after 15 working days before mid-term of a student's first term, the receiving institution shall inform the student of credit denied within 20 working days of receipt of the official transcript.

(3) A receiving institution shall include in the notice of denial of transfer credit:

(a) A statement of the student's right to appeal; and

(b) A notification that the appeal process is available in the institution's catalog.

(4) The statement of the student's right to appeal the denial shall include notice of the time limitations in B of this regulation.

B. A student believing that the receiving institution has denied the student transfer credits in violation of this chapter may initiate an appeal by contacting the receiving institution's transfer coordinator or other responsible official of the receiving institution within 20 working days of receiving notice of the denial of credit.

C. Response by Receiving Institution.

(1) A receiving institution shall:

(a) Establish expeditious and simplified procedures governing the appeal of a denial of transfer of credit; and

(b) Respond to a student's appeal within 10 working days.

(2) An institution may either grant or deny an appeal. The institution's reasons for denying the appeal shall be consistent with this chapter and conveyed to the student in written form.

(3) Unless a student appeals to the sending institution, the writing decision in C(2) of this regulation constitutes the receiving institution's final decision and is not subject to appeal.

D. Appeal to Sending Institution.

(1) If a student has been denied transfer credit after an appeal to the receiving institution, the student may request the sending institution to intercede on the student's behalf by contacting the transfer coordinator of the sending institution.

(2) A student shall make an appeal to the

sending institution within 10 working days of having received the decision of the receiving institution.

E. Consultation Between Sending and Receiving Institutions.

(1) Representatives of the two institutions shall have 15 working days to resolve the issues involved in an appeal.

(2) As a result of a consultation in this section, the receiving institution may affirm, modify or reverse its earlier decision.

(3) The receiving institution shall inform a student in writing of the result of the consultation.

(4) The decision arising out of a consultation constitutes the final decision of the receiving institution and is not subject to appeal.

.10 Periodic Review.

A. Report by Receiving Institution.

(1) A receiving institution shall report annually the progress of students who transfer from 2-year and 4-year institutions within the state to each community college and to the secretary of the Maryland Higher Education Commission.

(2) An annual report shall include ongoing reports on the subsequent academic success of enrolled transfer students, including graduation rates, by major subject areas.

(3) A receiving institution shall include in the reports comparable information on the progress of native students.

B. Transfer Coordinator. A public institution of higher education shall designate a transfer coordinator, who serves as a resource person to transfer students at either the sending or receiving campus. The transfer coordinator is responsible for overseeing the application of the policies and procedures outlined in this chapter and interpreting transfer policies to the individual student and to the institution.

C. The Maryland Higher Education Commission shall establish a permanent Student Transfer Advisory Committee that meets regularly to review transfer issues and recommend policy changes as needed. The Student Transfer Advisory Committee shall address issues of interpretation and implementation of this chapter.

Administrative History

Effective date: December 4, 1995
(22:24 Md. R. 1901)
Regulations .02, .03, and .05 amended.
Effective date: July 1, 1996 (23:13 Md. R. 946)
Revised: February 11, 1998

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DIRECTIONS TO MORGAN STATE UNIVERSITY

From any direction via the Baltimore Beltway (I-695)

Get on I-695 and head toward the northeastern portion of the beltway. Go south at exit 30, Perring Parkway. The Perring Parkway exit is east of the exits for Towson and west of the I-95/I-695 interchange. Go south a few miles on Perring Parkway. It will change to Hillen Road when you see the engineering building on your left.

From south of Baltimore via I-95

Take I-95 north through the Ft. McHenry Tunnel. Get off I-95 at the Moravia Road Exit. (*The distance to campus is about 3.5 miles*.) You will go through major intersections at Belair Road and then at Harford Road. Moravia Road will become Cold Spring Lane at Harford Road. Cold Spring Lane goes through the middle of campus.

From north of Baltimore via I-95

Continue on I-95 south past the interchange for the beltway, I-695. Shortly thereafter, I-95 will split into I-895 (left two lanes) and I-95 (right two lanes). Go to the left onto I-895. Get off at the Moravia Road Exit. Bear to the right off the exit ramp onto Moravia Road. (*The distance to campus is about 3.5 miles*.) You will go through major intersections at Belair Road and then at Harford Road. Moravia Road will become Cold Spring Lane at Harford Road. Cold Spring Lane goes through the middle of campus.

From the south via I-97 from Annapolis Area and the Eastern Shore

When approaching the beltway (I-695) take exit for Harbor Tunnel. After tunnel, get off at Pulaski Hwy. (Rt. 40 East)/ Erdman Avenue Exit. At end of exit ramp, go straight which will get you onto to Pulaski Hwy., Rt. 40 East. Exit right onto Moravia Road. Continue straight on Moravia. Do not take any of exits that you will see right after getting onto Moravia. (*The distance to campus is about 3.5 miles*.) You will go through major intersections at Belair Road and then at Harford Road. Moravia Road will become Cold Spring Lane at Harford Road. Cold Spring Lane goes through the middle of campus.

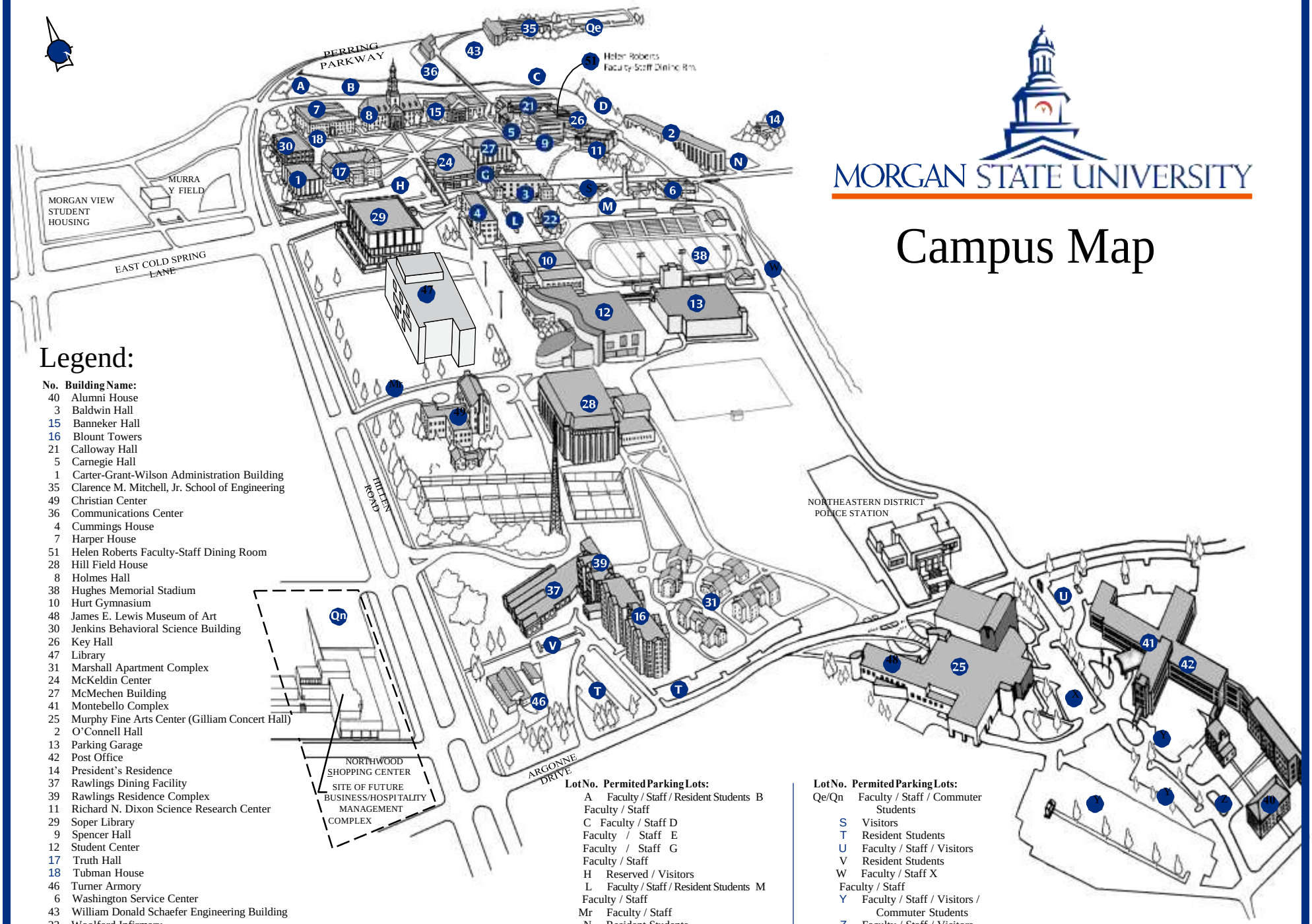
From Downtown Baltimore

Go north on Charles Street. Pass Johns Hopkins' main campus on your left. At 33rd Street, make a right. Go past Johns Hopkins East and make a left onto Hillen Road. Go north on Hillen until you reach the campus.

MORGAN
STATE UNIVERSITY

MORGAN STATE UNIVERSITY

Campus Map



Legend:

No.	Building Name:
40	Alumni House
3	Baldwin Hall
15	Banneker Hall
16	Blount Towers
21	Calloway Hall
5	Carnegie Hall
1	Carter-Grant-Wilson Administration Building
35	Clarence M. Mitchell, Jr. School of Engineering
49	Christian Center
36	Communications Center
4	Cummings House
7	Harper House
51	Helen Roberts Faculty-Staff Dining Room
28	Hill Field House
8	Holmes Hall
38	Hughes Memorial Stadium
10	Hurt Gymnasium
48	James E. Lewis Museum of Art
30	Jenkins Behavioral Science Building
26	Key Hall
47	Library
31	Marshall Apartment Complex
24	McKeldin Center
27	McMechen Building
41	Montebello Complex
25	Murphy Fine Arts Center (Gilliam Concert Hall)
2	O'Connell Hall
13	Parking Garage
42	Post Office
14	President's Residence
37	Rawlings Dining Facility
39	Rawlings Residence Complex
11	Richard N. Dixon Science Research Center
29	Soper Library
9	Spencer Hall
12	Student Center
17	Truth Hall
18	Tubman House
46	Turner Armory
6	Washington Service Center
43	William Donald Schaefer Engineering Building
22	Woolford Infirmary

Lot No. Permited Parking Lots:

A Faculty / Staff / Resident Students B Faculty / Staff
C Faculty / Staff D Faculty / Staff E Faculty / Staff G Faculty / Staff
H Reserved / Visitors
L Faculty / Staff / Resident Students M Faculty / Staff
Mr Faculty / Staff
N Resident Students

Lot No. Permited Parking Lots:

Qe/Qn Faculty / Staff / Commuter Students
S Visitors
T Resident Students
U Faculty / Staff / Visitors
V Resident Students
W Faculty / Staff X Faculty / Staff
Y Faculty / Staff / Visitors / Commuter Students
Z Faculty / Staff / Visitors

09-16-08