

**Morgan State University
Medical Technology Program
Curriculum Sequence**

PRE-PROFESSIONAL PHASE

FRESHMAN YEAR (FIRST SEMESTER)

ENGL 101	ENGLISH	3
HIST 101	WORLD HISTORY OR	
HIST 105	U.S. HISTORY	3
CHEM 105	GENERAL CHEMISTRY	4
MATH 113	MATH. ANALYSIS I	4
ORIE 106	FRESHMAN ORIENTATION	1
HEED 100	HEALTH EDUCATION	2

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FRESHMAN YEAR (SECOND SEMESTER)

ENGL 102	ENGLISH	3
HIST 102	WORLD HISTORY OR	
HIST 106	U.S. HISTORY	3
CHEM 106	GENERAL CHEMISTRY	4
MATH 114	MATH. ANALYSIS II	4
MDTC 100	INTRO TO ALLIED HEALTH	1
XXX	PHYSICAL EDUCATION	1

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SOPHOMORE YEAR (FIRST SEMESTER)

HUMA 201	HUMANITIES I	3
BIOL 105	INTRO. TO BIOLOGY	4
CHEM 201	ORGANIC CHEMISTRY	4
PHIL 109	INTRODUCTION TO LOGIC	3
BIOL 200	MEDICAL TERMINOLOGY	2
GENL 201	COMPUTER LITERACY	2

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SOPHOMORE YEAR (SECOND SEMESTER)

MDTC 280	HUMAN PHYSIOLOGY	4
HUMA 202	HUMANITIES II	3
BIOL 106	INTRO. TO BIOLOGY	4
CHEM 202	BIOCHEM.	4
XXX	SOC. SCIENCE ELECTIVE	3

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PROFESSIONAL PHASE

JUNIOR YEAR (FIRST SEMESTER)

BIOL 405	MICROBIOLOGY	4
HIST 350	AFRIC. AMER. STUDIES	3
MDTC 421	CLINICAL MICROSCOPY	2
XXX	COMP. STUD.	3
MDTC 300	PRIN. MED. TECHNOLOGY	3
XXX	HUMANITIES ELECTIVE	3

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JUNIOR YEAR (SECOND SEMESTER)

XXX	COMP. STUD.	3
BIOL 406	IMMUNOLOGY	4
MDTC 305	INTRO. CLIN. CHEMISTRY	3
MDTC 335	PATH MICROBIOLOGY	4
*MDTC 419	CLINICAL HEMATOLOGY I	3
*MDTC 429	IMMUNOHEMATOLOGY I	3

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SENIOR YEAR (SUMMER SESSION)

MDTC 410	CLINICAL CHEMISTRY	4
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SENIOR YEAR (FIRST SEMESTER)

MDTC 430	CLIN. IMMUNO/SEROLOGY	2
MDTC 431	IMMUNOHEMATOLOGY II	2
MDTC 440	CLINICAL MICROBIOLOGY	5
MDTC 450	MED. TECH. SEMINAR	1
MDTC 420	CLINICAL HEMATOLOGY II	3
MDTC 470	INTRO. MOLECULAR DIAG.	2

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SENIOR YEAR (SECOND SEMESTER)

CLINICAL ROTATIONS

MDTC 411	CLIN. PRACT-CHEMISTRY	3
MDTC 422	CLIN. PRACT-HEME/MICR	3
MDTC 432	CLIN. PRACT-IMMUNOHEM	3
MDTC 441	CLIN. PRACT-MICROBIOL.	3
MDTC 480	CLIN. LAB. SCIE. REVIEW	1

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TOTAL CREDIT HOURS

139

*courses do not run concurrently