

YEAR TERM	CHEMISTRY/BIOLOGY			BEHAVIORAL SCIENCES	MATH/PHYSICS/GENERAL ELEC.		CORE		TOTAL CREDITS	
YEAR 1	FALL	<b>CHEM 110</b> 4 GENERAL CHEMISTRY I Co-Req: TMAT 135, MATH 135 or higher	<b>BIOL 110</b> 4 GENERAL BIOLOGY I			<b>MATH 170</b> 4 CALCULUS I Pre-Req: Placement Exam, MATH 141, TMAT 155 or MATH 136		<b>FCWR 101*</b> 3 FOUNDATIONS OF COLLEGE COMPOSITION	<b>FCSC 101</b> 3 FOUNDATIONS OF SCIENTIFIC PROCESS	18
	SPRING	<b>CHEM 150</b> 4 GENERAL CHEMISTRY II Pre-Req: CHEM 110	<b>BIOL 150</b> 4 GENERAL BIOLOGY II Pre-Req: BIOL 110		<b>PSYC 101**</b> 3 INTRODUCTION TO PSYCHOLOGY	<b>MATH 180</b> 4 CALCULUS II Pre-Req: MATH 170		<b>FCWR 151*</b> 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101	<b>FCIQ 101</b> 3 FOUNDATIONS OF INQUIRY	21
YEAR 2	FALL	<b>CHEM 210</b> 4 ORGANIC CHEMISTRY I Pre-Req: CHEM 150	<b>BIOL 335</b> 4 GENETICS Pre-Req: BIOL 150 and CHEM 150			<b>MATH 235</b> 3 APPLIED STATISTICS Pre-Req: MATH 170	<b>PHYS 175</b> 5 GENERAL PHYSICS FOR PRE- MED I Co-Req: MATH 170	<b>FCWR 302</b> 3 COMMUNICATION FOR HEALTHCARE CAREERS Pre-Req: FCWR 151		19
	SPRING	<b>CHEM 250</b> 4 ORGANIC CHEMISTRY II Pre-Req: CHEM 210	<b>BIOL 340</b> 4 BIOCHEMISTRY Pre-Req: BIOL 150 and CHEM 210	<b>BIOL 310</b> 4 HUMAN PHYSIOLOGY Pre-Req: BIOL 210 (exempt) CHEM 105 or CHEM 110	<b>SOCI 101**</b> 3 INTRODUCTION TO SOCIOLOGY		<b>PHYS 185</b> 5 GENERAL PHYSICS FOR PRE- MED II Pre-Req: PHYS 175			20
	SUMMER	<b>MCAT - SUMMER BEFORE FINAL B.S. YEAR</b>								
YEAR 3	FALL	<b>BIOL 235</b> 4 MICROBIOLOGY Pre-Req: BIOL 150	<b>BIOL 220</b> 4 COMPARATIVE ANATOMY Pre-Req: BIOL 150	<b>BIOL 395</b> 3 INTRODUCTION TO RESEARCH DESIGN Pre-Req: BIOL 310 or BIOL 340				<b>FCSP 105</b> 3 FOUNDATIONS OF SPEECH COMMUNICATION	<b>ICLT 3XX***</b> 3 LITERATURE CHOICE ----- <b>ICPH 3XX***</b> 3 PHILOSOPHY CHOICE	20
	SPRING	<b>BIOL 155</b> 1 INTRODUCTION TO OSTEOPATHIC PRINCIPLES AND PRACTICES	<b>BIOL 315</b> 3 NEUROSCIENCE Pre-Req: BIOL 310 or BIOL 311	<b>BIOL/CHEM ELECTIVE</b> 4 Pre-Req: depends on chosen course		<b>GENERAL ELECTIVE</b> 3		<b>ICBS 3XX***</b> 3 BEHAVIORAL SCIENCE CHOICE	<b>ICSS 3XX ***</b> 3 SOCIAL SCIENCE CHOICE	17
YEAR 4	<b>B.S. Degree credits will be completed within the Doctor of Osteopathic Medicine Program. Granted upon successful completion of 13 credits at NYIT COM.</b>									
<b>CREDITS</b>									<b>Undergraduate Required Credits</b>	<b>115</b>
									<b>Total Undergraduate Degree Credits Applied to Graduation</b>	<b>128</b>

\*Non-native English speakers take FCWR 111 instead of FCWR 101, and FCWR 161 instead of FCWR 151.

\*\*PSYC 101 and SOCI 101 will apply towards 6 credits of the general elective degree requirements. These courses are strongly recommended for proper MCAT preparation.

\*\*\* The following 300 level Seminars may be taken out of the listed order: ICLT 3XX, ICPH 3XX, ICSS 3XX, ICBS 3XX

Course names, numbers and/or pre-requisites are subject to change.

**Grade Requirement: B.S./ D.O. students are required to meet a semester GPA of a 3.5 or higher**