

YEAR TERM		CHEMISTRY/BIOLOGY			BEHAVIORAL SCIENCES	MATH/PHYSICS/GENERAL ELEC.		GENERAL EDUCATION			TOTAL CREDITS
YEAR 1	FALL	<b>CHEM 110</b> 4 GENERAL CHEMISTRY I Co-Req: MATH 135 or higher	<b>BIOL 110</b> 4 GENERAL BIOLOGY I			<b>MATH 170</b> 4 CALCULUS I Pre-Req: Requires Placement		<b>FCWR 101/111</b> 3 FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Requires Placement	<b>DATA 101</b> 3 MAKING SENSE OF A DATA-ORIENTED SOCIETY		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>BIOL 250</b> 3 BIOSTATISTICS Pre-Req: BIOL 110 & MATH 170	<b>PSYC 101**</b> 3 INTRODUCTION TO PSYCHOLOGY			<b>FCWR 151/161</b> 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101/111			17
YEAR 2	FALL	<b>CHEM 210</b> 4 ORGANIC CHEMISTRY I Pre-Req: CHEM 150	<b>BIOL 233</b> 4 GENETICS Pre-Req: BIOL 150 and CHEM 150	<b>HSCI 420</b> 3 BIOMEDICAL ETHICS			<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 151/161			19
	SPRING	<b>CHEM 250</b> 4 ORGANIC CHEMISTRY II Pre-Req: CHEM 210	<b>BIOL 340</b> 4 BIOCHEMISTRY Pre-Req: BIOL 110 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/CHEM/PHYS</b> 3/4 <b>ELECTIVE</b> Must be 300 or 400 level	<b>BIOL 210</b> 4 HUMAN GROSS ANATOMY	<b>BIOL 395</b> 3 INTRODUCTION TO RESEARCH LITERATURE Pre-Req: BIOL 310 or BIOL 340		<b>GENERAL ELECTIVE</b> 3		<b>ICXX 3XX *</b> 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	<b>ICXX 3XX *</b> 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161		20
	SPRING	<b>BIOL 155</b> 1 INTRODUCTION TO OSTEOPATHIC PRINCIPLES AND PRACTICES	<b>BIOL/CHEM</b> 3 <b>ELECTIVE</b> Must be 300 or 400 level	<b>BIOL 235</b> 4 MICROBIOLOGY Pre-Req: BIOL 150		<b>GENERAL ELECTIVE</b> 3		<b>ICXX 3XX *</b> 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	<b>ICXX 3XX *</b> 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161		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>										
CREDITS		<b>Undergraduate Required Credits</b>									<b>110/111</b>
		<b>Total Undergraduate Degree Credits Applied to Graduation</b>									<b>125-126</b>

*\*Of the four required ICXX seminar courses (ICBS, ICLT, ICPH, ICSS), at least three must be in different subject areas* \*\*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.

Post-admission, all required courses for joint programs must be taken at New York Tech unless unavailable.

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

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