

YEAR TERM		CHEMISTRY/BIOLOGY			BEHAVIORAL SCIENCES	MATH/PHYSICS/GENERAL ELEC.		GENERAL EDUCATION		TOTAL CREDITS
YEAR 1	FALL	CHEM 110 4 GENERAL CHEMISTRY I Co-Req: MATH 135 or higher	BIOL 110 4 GENERAL BIOLOGY I			MATH 170 4 CALCULUS I Pre-Req: Requires Placement		FCWR 101/111 3 FOUNDATIONS OF COLLEGE COMPOSITION Pre-Req: Requires Placement	DATA 101 3 MAKING SENSE OF A DATA-ORIENTED SOCIETY	18
	SPRING	CHEM 150 4 GENERAL CHEMISTRY II Pre-Req: CHEM 110	BIOL 150 4 GENERAL BIOLOGY II Pre-Req: BIOL 110	BIOL 250 3 BIOSTATISTICS Pre-Req: BIOL 110 & MATH 170	PSYC 101** 3 INTRODUCTION TO PSYCHOLOGY			FCWR 151/161 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101/111		17
YEAR 2	FALL	CHEM 210 4 ORGANIC CHEMISTRY I Pre-Req: CHEM 150	BIOL 233 4 GENETICS Pre-Req: BIOL 150 and CHEM 150	HSCI 420 3 BIOMEDICAL ETHICS			PHYS 175 5 GENERAL PHYSICS FOR PRE- MED I Co-Req: MATH 170	FCWR 302 3 COMMUNICATION FOR HEALTHCARE CAREERS Pre-Req: FCWR 151/161		19
	SPRING	CHEM 250 4 ORGANIC CHEMISTRY II Pre-Req: CHEM 210	BIOL 340 4 BIOCHEMISTRY Pre-Req: BIOL 150 and CHEM 210	BIOL 310 4 HUMAN PHYSIOLOGY Pre-Req: BIOL 210 (exempt) CHEM 105 or CHEM 110	SOCI 101** 3 INTRODUCTION TO SOCIOLOGY		PHYS 185 5 GENERAL PHYSICS FOR PRE- MED II Pre-Req: PHYS 175			20
	SUMMER	MCAT - SUMMER BEFORE FINAL B.S. YEAR								
YEAR 3	FALL	BIOL/CHEM/PHYS ELECTIVE 3/4 Must be 300 or 400 level	BIOL 210 4 HUMAN GROSS ANATOMY	BIOL 395 3 INTRODUCTION TO RESEARCH LITERATURE Pre-Req: BIOL 310 or BIOL 340		GENERAL ELECTIVE 3		ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	20
	SPRING	BIOL 155 1 INTRODUCTION TO OSTEOPATHIC PRINCIPLES AND PRACTICES	BIOL/CHEM ELECTIVE 3 Must be 300 or 400 level	BIOL 235 4 MICROBIOLOGY Pre-Req: BIOL 150		GENERAL ELECTIVE 3		ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	17
YEAR 4	B.S. Degree credits will be completed within the Doctor of Osteopathic Medicine Program. Granted upon successful completion of 13 credits at NYIT COM.									
CREDITS		Undergraduate Required Credits								110/111
		Total Undergraduate Degree Credits Applied to Graduation								125-126

**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.