

YEAR TERM		CHEMISTRY/BIOLOGY			BEHAVIORAL SCIENCES	MATH/PHYSICS/GENERAL ELEC.		CORE			TOTAL CREDITS
YEAR 1	FALL	CHEM 110 4 GENERAL CHEMISTRY I Co-Req: TMAT 135, MATH 135 or higher	BIOL 110 4 GENERAL BIOLOGY I			MATH 170 4 CALCULUS I Pre-Req: Placement Exam, MATH 141, TMAT 155 or MATH 136		FCWR 101* 3 FOUNDATIONS OF COLLEGE COMPOSITION	FCSC 101 3 FOUNDATIONS OF SCIENTIFIC PROCESS		18
	SPRING	CHEM 150 4 GENERAL CHEMISTRY II Pre-Req: CHEM 110	BIOL 150 4 GENERAL BIOLOGY II Pre-Req: BIOL 110		PSYC 101** 3 INTRODUCTION TO PSYCHOLOGY	MATH 180 4 CALCULUS II Pre-Req: MATH 170		FCWR 151* 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101	FCIQ 101 3 FOUNDATIONS OF INQUIRY		21
YEAR 2	FALL	CHEM 210 4 ORGANIC CHEMISTRY I Pre-Req: CHEM 150	BIOL 335 4 GENETICS Pre-Req: BIOL 110			MATH 235 3 APPLIED STATISTICS Pre-Req: MATH 170	PHYS 175 5 GENERAL PHYSICS FOR PRE- MED I Co-Req: MATH 170	FCWR 302 3 COMMUNICATION FOR HEALTHCARE CAREERS Pre-Req: FCWR 151			19
	SPRING	CHEM 250 4 ORGANIC CHEMISTRY II Pre-Req: CHEM 210	BIOL 340 4 BIOCHEMISTRY Pre-Req: BIOL 150 and CHEM 250 (taken as a co-req)	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 235 4 MICROBIOLOGY Pre-Req: BIOL 150	BIOL 220 4 COMPARATIVE ANATOMY Pre-Req: BIOL 150	BIOL 425 4 BIOMEDICAL RESEARCH I Pre-Req: BIOL 310 or BIOL 340				FCSP 105 3 FOUNDATIONS OF SPEECH COMMUNICATION	ICLT 3XX*** 3 LITERATURE CHOICE ----- ICPH 3XX*** 3 PHILOSOPHY CHOICE		21
	SPRING	BIOL 155 1 INTRODUCTION TO OSTEOPATHIC PRINCIPLES AND PRACTICES	BIOL/CHEM**** 4 ELECTIVE Pre-Req: depends on chosen course	BIOL 315 3 NEUROSCIENCE Pre-Req: BIOL 310 or BIOL 311		GENERAL ELECTIVE 2		ICBS 3XX*** 3 BEHAVIORAL SCIENCE CHOICE	ICSS 3XX *** 3 SOCIAL SCIENCE CHOICE		16
YEA	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		115	
								Total Undergraduate Degree Credits Applied to Graduation		128	

*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.

*** Seminar pre-requisites include: FCWR 151, FCIQ 101, FCSC 101, and FCSP 105. Seminars may be taken out of the listed order.

**** The following courses are strongly recommended: BIOL 241 (Developmental Biology), BIOL 431 (Cell Biology), BIOL 456 (Pharmacology) OR BIOL 461 (Cancer Biology, 3cr.) with BIOL 491 (Independent Research, 1cr.).

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