

YEAR TERM		CHEMISTRY/BIOLOGY			PSYCHOLOGY	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 141 4 PRECALCULUS 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		PSYC 101 3 INTRODUCTION TO PSYCHOLOGY		GENERAL ELECTIVE 3	FCWR 151/161 3 FOUNDATIONS OF RESEARCH WRITING Pre-Req: FCWR 101/111		17
YEAR 2	FALL	CHEM 210 4 ORGANIC CHEMISTRY Pre-Req: CHEM 150	BIOL 210 4 HUMAN GROSS ANATOMY	BIOL 245 4 HISTOLOGY Pre-Req: BIOL 110		PHYS 140 3 PHYSICS FOR LIFE SCIENCES I Pre-Req: MATH 136 or MATH 141; Co-Req: PHYS 141 (Fall only)	PHYS 141 1 PHYSICS FOR LIFE SCIENCES I LAB Co-Req: PHYS 140 (Fall only)			16
	SPRING	BIOL 340 4 BIOCHEMISTRY Pre-Req: BIOL 150 and CHEM 210	BIOL 310 4 HUMAN PHYSIOLOGY Pre-Req: BIOL 210, and CHEM 105 or CHEM 110		PSYC 310 3 ABNORMAL PSYCHOLOGY Pre-Req: PSYC 101 (Spring only)			FCWR 302 3 COMMUNICATION FOR HEALTHCARE CAREERS Pre-Req: FCWR 151/161	ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161	17
YEAR 3	FALL	BIOL 233 4 GENETICS Pre-Req: BIOL 110	BIOL 235 4 MICROBIOLOGY Pre-Req: BIOL 150	BIOL 456 3 PHARMACOLOGY Pre-Req: (BIOL 310 or BIOL 311) and (CHEM 215 or BIOL 340)		HSCI 195 3 PROFESSIONAL & CULTURAL ISSUES IN HEALTH CARE		ICXX 3XX * 3 SEMINAR CHOICE (ICBS, ICLT, ICPH, or ICSS) Pre-Req: FCWR 101/111 and FCWR 151/161		17
	SPRING	BIOL 312 3 PATHOPHYSIOLOGY Pre-Req: BIOL 310 or BIOL 311	BIOL 260 3 NUTRITION AND DIET THERAPY		PSYC 210 4 STATISTICAL ANALYSIS Pre-Req: MATH 115 or higher			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	16

Remaining B.S. degree credits will be completed within the first professional year of the Master of Physician Assistant Studies program.
[View the Life Sciences, B.S. / Physician Assistant Studies, M.S. curriculum here.](#)

CREDITS	Undergraduate Required Credits	101
	Total Degree Credits	120

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

(Rev 5/23)

A grade of B or higher is required for all CHEM, BIOL, PHYS, MATH and PSYC courses. A cumulative GPA of 3.0 and science GPA of 3.2 is required.

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

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