

Course #	Course Title	Credits	Course #	Equivalent Course Title	Credits Accepted
BIOL 190	Biology I	4	BIO 103T/L	Introductory Biology I Lecture and Lab	4
CHEM 110	General Chemistry I	4	CHE 130T/L	Introductory Chemistry I Lecture and Lab	4
ENGL 101	English Composition I	3	ENG 101	English Composition	3
MATH 180	Calculus I	4	MAT 151	Calculus I	4
BIOL 103	Orientation to Biology and Bioethics	1	ELEC 000	Open Elective	1
Semester 2			Semester 2		
BIOL 191	Biology II	4	BIO 104T/L	Introductory Biology II Lecture and Lab	4
CHEM 111	General Chemistry II	4	CHE 131T/L	Introductory Chemistry II Lecture and Lab	4
MATH 135	Elementary Statistics	4	STA 100	Statistics	4
ENGL 102/ENGL 104 restricted elective	English Composition II/Writing about literature	3	HUM 001	Humanities General Education	3
Semester 3			Semester 3		
CHEM 210	Organic Chemistry I	4	CHE 230T/L	Organic Chemistry I Lecture and Lab	4
PHYS 140	General Physics I	4	PHY 101T/L	Physics I Lecture and Lab	4
	biology elective	4		biology course (see below)	4
	restricted elective	3		general education course	3
Semester 4			Semester 4		
CHEM 211	Organic Chemistry II	4	CHE 231T/L	Organic Chemistry II Lecture and Lab	4
PHYS 141	General Physics II	4	PHY 102T/L	Physics II Lecture and Lab	4
biology elective	biology elective	4	biology course (see below)	biology course (see below)	4
restricted elective	restricted elective	3	general education course	general education course	3
BIOLOGY ELECTIVE OPTIONS			BIOLOGY ELECTIVE OPTIONS		
BIOL 275	Cell Biology	4	BIO 270	Cell Biology (core requirement)	4
BIOL 281	Genetics	4	BIO 351	Genetics (core requirement)	4
BIOL 265	Principles of Microbiology	4	BIO 275T/L	Microbiology Lecture/Lab (program elective)	4
BIOL 270*	Anatomy and Physiology I	4	BIO 215T/L*	Anatomy and Physiology I (program elective)	4
BIOL 271*	Anatomy and Physiology II	4	BIO 216T/L*	Anatomy and Physiology II (program elective)	4
*If Anatomy and Physiology are taken, both I and II must be taken at the same institution to be transferrable			Semester 5		
			CHE 430T/L	Biochemistry I Lecture/Lab	4
			biology program course	bio core or bio program elective	4
				open elective	4
				open elective	4
			Semester 6		
			biology program course	bio core or bio program elective	4
			COM 308	Analytical and Research Writing	4
				open elective	4
			Bio 390	Junior Seminar	1
			Semester 7		
			BIO 300T/L	Ecology Lecture/Lab	4
			biology program course	bio core or bio program elective	4
				open elective	4
				open elective	4
			Semester 8		
			BIO 380	Evolution	4
			BIO 315	Plant/Animal Physiology	4
				open elective	4
				open elective	2
			BIO 487	Senior Seminar	1
Totals in Program		64		Total Transfer Applied	64
				Total Remaining at SUNY POLY	60
				Total for Bachelors	124