

State University of New York at New Paltz

This **eight-semester plan** (see [important details](#)) is intended to guide a first-year student through a four-year undergraduate career, with completion of an academic major and all college-wide degree requirements. The plan is designed as an **advising tool** – a starting point for careful discussions between a student and his/her academic adviser. In consultation, the student and adviser will adjust the plan to accommodate the student's prerequisite needs, transferred credits, and other such variables.

Students are responsible for reviewing their [Progress Reports](#) each semester to track their own progress toward degree requirements.

Biology - Organismal/Environment

Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BIO201 General Biology I (NSCI)	3	BIO202 General Biology II (NSCI)	3
BIO211 Gen Bio 1 Lab	1	BIO212 Gen Bio 2 Lab	1
CHE201 General Chemistry I (NSCI)	3	CHE202 General Chemistry II (NSCI)	3
CHE211 General Chemistry I Lab	1	CHE212 General Chemistry II Lab	1
MAT251 Calculus I (MATH)	4	MAT252 Calculus II	4
Gen Ed: Composition (COMP)	3	Gen Ed: Composition (COMP)	3
Total	15	Total	15

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
CHE318 Organic Chemistry I	3	CHE319 Organic Chemistry II	3
CHE306 Organic Chemistry I Lab	1	CHE309 Organic Chemistry II Lab	1
BIO320 Genetics	3	Biology track elective - Note 1	4-5
BIO321 Genetics Lab	1	PHY202 General Physics 2 (NSCI)	3
PHY201 General Physics 1 (NSCI)	3	PHY212 General Physics 2 Lab	1
PHY211 Physics 1 Laboratory	1	Gen Ed: Foreign Languages (FLNG)	3
Gen Ed: Foreign Languages (FLNG)	3	Total	15-16
Total	15		

Year 3

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BIO340 Ecology	4	Upper-division Biology elective	3-4
MAT241 Introduction to Statistics (MATH)	3	Upper-division Biology elective	4
Upper-Division Biology elective	3-4	Gen Ed: Western Civilization (WEST)	3
Gen Ed: United States Studies (USST)	3	Gen Ed: Humanities (HUM)	3
Elective	3	Gen Ed: World Civilizations and Cultures (WRLD)	3
Total	16-17	Total	16-17

Year 4

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
Upper-division Biology elective with lab	4	BIO412 Evolutionary Theory or BIO418 Animal Behavior	3
Gen Ed: Social Sciences (SSCI)	3	Gen Ed: Diversity (DIVR)	3
Elective	3	Gen Ed: Writing Intensive (WI)	3-4
Gen Ed: The Arts (ART)	3	Elective	4
Total	13	Elective	3
		Total	16-17

Notes

Biology track electives: [BIO305 Plant Morphology](#), [BIO307 Comparative Vertebrate Anatomy](#), [BIO417 Animal Physiology](#), [BIO425 Plant Ecophysiology](#)

Total Credits: 121-125