

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

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	Gen Ed: Composition (COMP)	3
Gen Ed: Composition (COMP)	3	Gen Ed: Western Civilization (WEST)	3
Total	15	Total	14

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BIO320 Genetics	3		
BIO321 Genetics Lab	1		
CHE318 Organic Chemistry I	3	Upper-division Biology elective	3-4
CHE306 Organic Chemistry I Lab	1	Course in approved minor	3
Gen Ed: Foreign Languages (FLNG)	3	Gen Ed: Humanities (HUM)	3
Gen Physics I or Fundamental Physics I with lab - See Note 1	4	Gen Physics II or Fundamental Physics II with lab - See Note 2	4
Total	15	Total	13-14

Year 3

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
Upper-division Biology elective	3-4	Biology elective with lab	4
Course in approved minor	3	Course in approved minor	3-4
MAT241 Introduction to Statistics (MATH)	3	Gen Ed: Writing Intensive (WI)	3-4
Gen Ed: The Arts (ART)	3	Gen Ed: World Civilizations and Cultures (WRLD)	3
Gen Ed: United States Studies (USST)	3	Elective	3
Total	15-16	Total	16-18

Year 4

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
Biology elective with lab	4	Biology elective with lab	4
Gen Ed: Social Sciences (SSCI)	3	Gen Ed: Diversity (DIVR)	3
Course in approved minor	3	Course in approved minor	3
Elective	3	Course in approved minor	3
Elective	3	Elective	3
Total	16	Total	16

Notes

Choice one of the following Physics courses with lab (please note that the General Physics sequence requires Calculus I and II):[PHY211 Physics 1 Laboratory](#), [PHY221 Fundamental Physics 1 \(NSCI\)](#), [PHY222 Fundamental Physics II \(NSCI\)](#), [PHY232 Fundamental Physics 2 Lab](#)

Choice one of the following Physics courses with lab:[PHY202 General Physics 2 \(NSCI\)](#), [PHY212 General Physics 2 Lab](#), [PHY222 Fundamental Physics II \(NSCI\)](#), [PHY232 Fundamental Physics 2 Lab](#)

Total Credits: 120-124