

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.

Chemistry

Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENG160 Composition I (Composition 1)	3	ENG180 Composition II (Composition 2)	3
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	SED354 Foundations of Secondary Education Seminar	1
Gen Ed: Foreign Languages (FLNG)	3	MAT252 Calculus II	4
Total	14	Gen Ed: Foreign Languages (FLNG)	3
		Total	15

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
PHY201 General Physics 1 (NSCI)	3	EDS340 Sociological and Philosophical Foundations of Education (USST)	3
PHY211 Physics 1 Laboratory	1	Gen Ed: Humanities (HUM)	3
CHE318 Organic Chemistry I	3	CHE319 Organic Chemistry II	3
CHE306 Organic Chemistry I Lab	1	CHE309 Organic Chemistry II Lab	1
Gen Ed: The Arts (ART)	3	PHY202 General Physics 2 (NSCI)	3
EDS372 Developing Adolescence (SSCI)	3	PHY212 General Physics 2 Lab	1
Total	14	Total	14

Year 3

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
CHE314 Inorganic Chemistry	3	CHE321 Physical Chemistry I	3
CHE303 Introduction to Analytical Chemistry	4	EDS383 Introduction to Literacy for Diverse Learners (DIVR)	3
Gen Ed: Western Civilization (WEST)	3	Course with Lab - Note 1	4
MAT341 Applied Mathematics I	3	Gen Ed: World Civilizations and Cultures (WRLD)	3
Upper-division Elective	3-4	Upper-division Elective	3-4
Total	16-17	Total	16-17

Year 4

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
BCM 461 Biochemistry I or 400-level Chemistry Elective	3-4	SED453 Curriculum and Assessment in the Secondary School	3
CHE322 Physical Chemistry II	3	SED353 Field Work #1	1
Liberal Arts Upper-division Elective	3	SED356 Teaching and Learning in the Digital Environment	3
SED/EDS/EDI/CHE 500-level Elective	3	CHE323 Experimental Physical Chemistry	3
See Note 1	4	SED/EDS/EDI/CHE 500-level Elective	3
Total	16-17	SED493 Secondary Education Selected Topic	3
		Total	16

Year 5

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
SED543 Science in the Secondary School	3		
SED552 Field Experience II	1		
SPE565 Teaching in Inclusive Classrooms	3		
Note 3	3		
Total	10		

Notes

One of the following courses with a lab or elective: [BIO201 General Biology I \(NSCI\)](#), [BIO211 Gen Bio 1 Lab](#), [GLG201 Physical Geology \(NSCI\)](#), [GLG211 Physical Geology Laboratory](#)

For Term 9, Summer Session, choose one of the following: SED5xx/SED7xx Discipline-specific Education course, SED/EDS/EDI5xx Diversity Elective, or XXX5xx/XXX7xx Course in discipline or alternative approved by advisor.

Take two of the following NOT taken in summer: SED5xx/SED7xx Discipline-specific Education course, SED/EDS/EDI5xx or SED/EDS/EDI7xx Diversity elective, XXX5xx/XXX7xx Course in discipline or alternative approved by advisor.

Total Credits: 134-137