

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.

Geology/Earth Science

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
GLG201 Physical Geology (NSCI)	3	GLG202 Historical Geology (NSCI)	4
GLG211 Physical Geology Laboratory	1	SED354 Foundations of Secondary Education Seminar	1
MAT251 Calculus I (MATH)	4	MAT241 Intro to Statistics or MAT252 Calculus II	3-4
Total	15	Total	15-16

Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
PHY201 General Physics 1 (NSCI)	3		
PHY211 Physics 1 Laboratory	1	EDS340 Sociological and Philosophical Foundations of Education (USST)	3
GLG313 Optical Mineralogy	3	Gen Ed: Humanities (HUM)	3
GLG120 Weather and Environment (NSCI)	4	GLG314 Petrology	4
Gen Ed: The Arts (ART)	3	Note 1	4
Total	14	Total	14

Year 3

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
Gen Ed: Foreign Languages (FLNG)	3	Gen Ed: Foreign Languages (FLNG)	3
GLG331 Stratigraphy-Sedimentation (WI)	4	BIO201 General Biology I (NSCI)	3
Gen Ed: Western Civilization (WEST)	3	BIO211 Gen Bio 1 Lab	1
GLG305 Paleontology or GLG407 Hydrogeology	4	EDS383 Introduction to Literacy for Diverse Learners (DIVR)	3
PHY205 Exploring the Solar System or PHY206 Exploring the Univer	3	Gen Ed: World Civilizations and Cultures (WRLD)	3
Total	17	PHY205 Exploring the Solar System or PHY206 Exploring the Univer	3
		Total	16

Year 4

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
GLG405 Structure and Tectonics	4	SED453 Curriculum and Assessment in the Secondary School	3
GLG4xx Geology course by advisement	4	SED353 Field Work #1	1
GLG435 Field Geology	4	SED356 Teaching and Learning in the Digital Environment	3
EDS372 Developing Adolescence (SSCI)	3	Gen Ed: Diversity (DIVR)	3
Total	15	SED/EDS/EDI/GLG 500-level Elective	3
		Total	13

Year 5

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
SUMMER SESSION TERM - Note 2	3	SED543 Science in the Secondary School	3
Total	3	Take two courses not taken in Summer Session - Note 2	3
		SED552 Field Experience II	1
		SPE565 Teaching in Inclusive Classrooms	3
		Total	10

Notes

One of the following pairs: [PHY202 General Physics 2 \(NSCI\)](#), [PHY212 General Physics 2 Lab](#), [PHY222 Fundamental Physics II \(NSCI\)](#), [PHY232 Fundamental Physics 2 Lab](#)

SUMMER TERM: Take one of the following: SED5xx/SED7xx Discipline-specific Education Course, SED/EDS/EDI5xx or SED/EDS/EDI7xx Diversity elective, or XXX5xx/XXX7xx Course in discipline or alternative course approved by advisor.

Total Credits: 132-133