

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.

Adolescence Ed: Chemistry

Year 1

| Fall Semester | | Spring Semester | |
|---|---------|--|---------|
| Course | Credits | Course | Credits |
| Gen Ed: Composition (COMP) | 3 | Gen Ed: Composition (COMP) | 3 |
| Gen Ed: Foreign Languages (FLNG) | 3 | Gen Ed: Foreign Languages (FLNG) | 3 |
| MAT251 Calculus I (MATH) | 4 | CHE202 General Chemistry II (NSCI) | 3 |
| CHE201 General Chemistry I (NSCI) | 3 | CHE212 General Chemistry II Lab | 1 |
| CHE211 General Chemistry I Lab | 1 | Gen Ed: Humanities (HUM) | 3 |
| EDI293 Education Seminar | 1 | MAT252 Calculus II | 4 |
| Total | 15 | Total | 17 |

Year 2

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

Year 3

| Fall Semester | | Spring Semester | |
|---|---------|---|---------|
| Course | Credits | Course | Credits |
| CHE314 Inorganic Chemistry | 3 | SED453 Curriculum and Assessment in the Secondary School | 3 |
| CHE303 Introduction to Analytical Chemistry | 4 | SED353 Field Work #1 | 1 |
| SED354 Foundations of Secondary Education Seminar | 1 | EDS383 Introduction to Literacy for Diverse Learners (DIVR) | 3 |
| MAT341 Applied Mathematics I | 3 | SPE385 Differentiating Instruction in the Secondary School | 3 |
| CHE322 Physical Chemistry II | 3 | CHE321 Physical Chemistry I | 3 |
| GE: Diversity (DVRs) | 3 | CHE323 Experimental Phys Chemistry (WI) | 3 |
| Total | 17 | Total | 16 |

Year 4

| Fall Semester | | Spring Semester | |
|---|---------|---|---------|
| Course | Credits | Course | Credits |
| SED356 Teaching and Learning in the Digital Environment | 3 | SED407 Fieldwork #3 | 1 |
| SED374 Teaching Science in the Secondary School | 3 | SED404 Student Teaching Secondary, 7-9 | 6 |
| SED350 Fieldwork #2 | 1 | SED405 Student Teaching Secondary 10-12 | 6 |
| Gen Ed: World Civilizations and Cultures (WRLD) | 3 | SED406 Student Teaching Seminar | 1 |
| Choose one course - Note 1 | 4 | Total | 14 |
| Total | 14 | | |

Notes

Take either of the following courses with a lab ([BIO201](#) is a 4-credit course with a lab): [BIO201 General Biology I \(NSCI\)](#), [GLG201 Physical Geology \(NSCI\)](#), [GLG211 Physical Geology Laboratory](#)

Total Credits: 121