# Academic Plan: Physical Science Composite with Secondary Teaching Licensure

The following is a sample outline for completion of this bachelor’s degree AND state-required courses for becoming a licensed teacher (completion of licensing often requires semester(s) beyond four years). Each student’s reality will vary slightly, as this plan does not include transfer work, Advanced Placement (AP), or concurrent enrollment credits. Math and English placement will be based on the student’s ACT/SAT scores. **PLEASE NOTE:** The following plan assumes students are prepared to take the Math course listed. If prerequisites are required, additional semesters may be required to complete the degree.

While every effort has been made to align this sample with departmental offerings and recommendations, **this is a GUIDE ONLY. Please meet with your academic advisor and consult DegreeWorks for specifics.**

### 1st Year Fall (16 credits)
- **CHEM 1210/1215 Principles of Chemistry I/Lab (5)**
- **GEO 1110/1115 Physical Geology/Lab (4)**
- **MATH 1210 Calculus I (4)**
- **LM 1010 Information Literacy (1)**
- **UNIV 1010 EDGE Program Introduction (1)**
- **UNIV 2010 Uni. Passport & Orientation (1)**

### 1st Year Spring (16 credits)
- **CHEM 1220/1225 Principles of Chemistry II/Lab (5)**
- **GEO 1220/1225 Historical Geology/Lab (4)**
- **MATH 1220 Calculus II (4)**
- **ENGL 1010 Intro to Academic Writing (3)**

### 2nd Year Fall (17 credits)
- **CHEM 2010 Chemical Laboratory Safety (1)**
- **CHEM 2310/2315 Organic Chemistry I/Lab (5)**
- **PHYS 2210/2215 Physics for Scien. & Eng. I/Lab (5)**
- **ENGL 2010 Intermediate Writing (3)**
- **CSIS 1000 Computer Literacy (3)**

### 2nd Year Spring (16 credits)
- **CHEM 2320/2325 Organic Chemistry II/Lab (5)**
- **PHYS 2220/2225 Physics for Scien. & Eng. II/Lab (5)**
- **American Institutions Course (3)**
- **EDUC 3000 Principles of Teaching and Learning (3)**

### 3rd Year Fall (15 credits)
- **CHEM 3000/3005 Quantitative Analysis/Lab (4)**
- **GEO 3210/3215 Mineralogy/Lab (4)**
- **PHYS 1040/1045 Elementary Astronomy/Lab (4)**
- **SCED 3400 Educating Diverse Populations (3)**

### 3rd Year Spring (16 credits)
- **PSCI 4900 Teaching Science in Second. Schools (2)**
- **GEO 3170/3175 Oceanography* (4)**
- **Life Science Knowledge Area (3)**
- **UNIV 3925 EDGE Project Proposal* (1)**
- **SPED 3030 Educating Exceptional Students (3)**
- **SCED 3720 Content Area Lit. & Common Core (3)**

### 4th Year Fall (16 credits)
- **CHEM 3700 Environmental Chemistry (3)**
- **Social and Behavioral Sciences Knowledge Area (3)**
- **UNIV 4925 EDGE Program Completion* (1)**
- **EDUC 3180 Educational Decision Making (3)**
- **SCED 3200 Secondary Ed. Psychology (3)**

### 4th Year Spring (16 credits)
- **GEOG 3220/3225 Weather & Climate/Lab (4)**
- **PHYS 3310 Quantum Physics I (3)**
- **Fine Arts Knowledge Area (3)**
- **SCED 3570 Secondary Classroom Management (3)**
- **SCED 3590 Planning, Delivery, & Assessment (3)**

### 5th Year—Fall (Student Teaching, 12 credits)
- **SCED 4520 Practicum/Induction Seminar (2)**
- **SCED 4980 Secondary Student Teaching (8)**
- **PSCI 4980 Phys. Scien. Student Teaching (2)**

### 5th Year—Spring (2 credits)
- **GEOG 3220/3225 Weather & Climate/Lab (4)**
- **PHYS 3310 Quantum Physics I (3)**
- **Fine Arts Knowledge Area (3)**
- **SCED 3570 Secondary Classroom Management (3)**
- **SCED 3590 Planning, Delivery, & Assessment (3)**

### General Education Courses (green)
- Major-required courses that also fulfill GE requirement (purple)
- Major Course (black)
- EDGE Program Courses (orange)
- Secondary Education Licensing Requirement (blue)
- Elective Courses (red)

### Other Notes:
- (*) indicates other available options—see catalog
- Students electing to complete the Bachelor of Arts will take 16 hours of one foreign language (not included here)