



**Lock Haven University  
Chemistry Department  
Chemistry, B.S. Track  
Suggested Course Sequence**

**Fall Freshman (example)**

ENGL100: Composition (3)  
SCI119: First Year Student Seminar (1)  
CHEM120: Principles of Chemistry I (4)  
MATH141: Calculus I (3)  
HBSS1 (Historical, Behavioral, and Social Science Inquiry) (3)

Credit Total: \_\_\_\_\_14

**Spring Freshman (example)**

CHEM121: Principles of Chemistry II (4)  
MATH142: Calculus II (3)  
PHYS170: Intermediate General Physics I (4)  
GAC1 (Global Awareness and Citizenship) (3)  
PLA1 (Philosophical, Literary, and Aesthetic Inquiry)(3)

Credit Total: \_\_\_\_\_17

**Fall Sophomore (example)**

CHEM220: Organic Chemistry I (4)  
CHEM316: Quantitative Analysis (4)  
PHYS171: Intermediate General Physics II (4)  
Elective (3)

Credit Total: \_\_\_\_\_15

**Spring Sophomore (example)**

CHEM221: Organic Chemistry II (4)  
CHEM410: Biochemistry I (4) or  
CHEM In-depth (4)  
HBSS2 (3)  
Oral Communication (3)  
PLA2 (3)

Credit Total: \_\_\_\_\_17

**Fall Junior (example)**

CHEM320: Physical Chemistry I (4),  
CHEM301: Inorganic Chemistry (3),  
CHEM Elective (3-4), and/or  
CHEM In-depth (4)  
GAC2 (3)  
Elective (3)

Credit Total: \_\_\_\_\_12-16

**Spring Junior (example)**

CHEM321: Quantum Chemistry (4),  
CHEM440: Advanced Inorganic Chemistry (4),  
CHEM410 Biochemistry I (4),  
CHEM In-depth (4), and/or  
CHEM Elective (3-4)  
Elective (3)

Credit Total: \_\_\_\_\_14-15

**Fall Senior (example)**

CHEM301: Inorganic Chemistry (3),  
CHEM320: Physical Chemistry I (4),  
In-depth (4), and/or  
CHEM Elective (3-4)  
GAC3 (3)  
Wellness (3)  
Elective (3)

Credit Total: \_\_\_\_\_15-17

**Spring Senior (example)**

CHEM440 Advanced Inorganic Chemistry (4),  
CHEM 321: Quantum Chemistry (4),  
In-depth (4), and/or  
CHEM Elective (3-4)  
CHEM499 (1)  
PLA3 (3)  
Electives (5)

Credit Total: \_\_\_\_\_12-17