



**Lock Haven University**  
**Department of Geology & Physics**  
**Physics Major: Traditional Physics Track**  
**Suggested Course Sequence**

**Fall Freshman (example)**

ENGL100: Composition (3)  
SCI119: First Year Student Seminar (1)  
MATH141: Calculus 1(3)  
CHEM120: Principles of Chemistry I (4)  
COMP160: Programming I (3)

Credit Total: 14

**Spring Freshman (example)**

MATH142: Calculus II (3)  
PHYS170: Intermed. Gen. Physics I (4)  
General Education (9)

Credit Total: 16

**Fall Sophomore (example)**

PHYS171: Intermed. Gen. Phys II (4)  
MATH243: Calculus III (3)  
MATH211: Lin. Methods (3)  
General Education (6)

Credit Total: 16

**Spring Sophomore(example)**

PHYS290: Electronics I (4)  
PHYS330: Mechanics I (3)  
MATH244: Calculus IV (3)  
General Education (6)

Credit Total: 16

**Fall Junior (example)**

MATH301: Differential Equations (3)  
PHYS315: Modern Physics (4)  
PHYS331: Mechanics II (3)  
General Education (4)

Credit Total: 14

**Spring Junior (example)**

PHYS250: Heat (3)  
PHYS345: Math Methods of Phys (2)  
PHYS350: Quantum Mechanics (3)  
General Education (6)

Credit Total: 14

**Fall Senior (example)**

PHYS370: Electricity & Magnetism (3)  
PHYS431: Advanced Lab (3)  
General Education (8)

Credit Total: 14

**Spring Senior (example)**

PHYS325: Optics (4)  
PHYS371: Electrodynamics (3)  
General Education (8)

Credit Total: 15