

# Physics Bachelor of Arts Degree Plan

The suggested schedule shown below should be used in conjunction with the major requirement sheet at:  
<http://www.usu.edu/majorsheets/>

Students should consult with their advisor to develop an individualized plan of study which is applicable to their interests and degree track.

## Freshman Year (31 credits)

### Fall Semester (15 credits)

PHYS 2210 (QI) General Physics—Science and Engineering I	4
MATH 1210 (QL) Calculus I	4
College of Science sequence requirement	4
University Studies Breadth course	3

### Spring Semester (16 credits)

PHYS 2220 (BPS/QI) General Physics—Science and Engineering II	4
MATH 1220 (QL) Calculus II	4
College of Science sequence requirement	4
University Studies Breadth course	3
Elective course	1

## Sophomore Year (30 credits)

### Fall Semester (15 credits)

MATH 2210 (QI) Multivariable Calculus	3
PHYS 2500 Introduction to Computer Methods in Physics	2
PHYS 2710 Introductory Modern Physics	3
ENGL 1010 (CL1) Introduction to Writing: Academic Prose	3
University Studies Breadth course	3
Elective course	1

## Spring Semester (15 credits)

MATH 2250 (QI) Linear Algebra and Differential Equations	4
PHIL 4310 (DHA) Philosophy of Science	3
University Studies Breadth courses	6
Elective course(s)	2

## Junior Year (30 credits)

### Fall Semester (15 credits)

PHYS 3550 Intermediate Classical Mechanics	3
PHYS 3870 (CI) Intermediate Physics Laboratory	2
ENGL 2010 (CL2) Intermediate Writing: Research Writing in a Persuasive Mode	3
University Studies Breadth course	3
Required language courses	4

### Spring Semester (15 credits)

PHYS 3710 Intermediate Modern Physics (3 cr) or Elective course at 3500-level or higher (3 cr)	3
University Studies Depth Social Sciences (DSS) course	3
Required language courses	4
Elective courses	5

## Senior Year (30 credits)

### Fall Semester (15 credits)

PHYS 3600 Electromagnetism I	3
PHYS elective course at 3500-level or higher	3
Required language courses	4
Elective courses	5

### Spring Semester (15 credits)

PHYS 4900 (CI) Research in Physics	2
PHIL 4320 (DHA) History of Scientific Thought	3
Required language courses	4
Elective courses	6