

# Physics



## Required Courses:

MATH 1210	Calculus I
MATH 1220	Calculus II
MATH 2210	Calculus III
MATH 2270	Linear Algebra
MATH 2280	Differential Equations
PHSX 210H	Honors Physics (recommended)
PHSX 2210	University Physics I
PHSX 221L	University Physics I Lab
PHSX 2220	University Physics II
PHSX 222L	University Physics II Lab
PHSX 2710	Modern Physics

One year-long major's sequence in another science: (some universities require Chemistry specifically)

CHEM 1210	Principles of Chemistry I
CHEM 121L	Principles of Chemistry I Lab
CHEM 1220	Principles of Chemistry II
CHEM 1220	Principles of Chemistry II Lab

**or**

GEOL 1110	Physical Geology
GEOL 111L	Physical Geology Lab
GEOL 1120	Historical Geology
GEOL 112L	Historical Geology Lab

**or**

BIOL 1310	Biology I
BIOL 131L	Biology I Lab
BIOL 1320	Biology II
BIOL 132L	Biology II Lab

Students who are considering the Physics major, but who feel less than adequately prepared, should take one or more of the following exploratory courses while bringing their math skills up to calculus level:

PHSC 1000	Conceptual Physical Science
PHSX 1000	Conceptual Physics
PHSX 1010	Introductory Physics
PHSX 101L	Introductory Physics Lab
ENGR 1010	Introduction to Engineering

## What Degree Can I Get at Snow?

As a physics major, you will likely want a degree that will transfer to a four-year university. Either an Associate of Science (AS) or an Associate of Arts (AA) will prepare you for transfer.

## What Classes Should I Take?

To be on track as a junior when you transfer you should take the classes listed at the left. Physicists tend to like lots of subjects, especially math. See the description of the Physics Major in the Snow College catalog.

## What Activities Should I get Involved In?

We have an engineering club and a life science club (called the Dead Cats Society), but no physical science club per se. However, either of the two (Engineering or DCS) would be fun and beneficial. Many physics majors also work as a grader for one of the physics professors or as a tutor in the Math Lab.

### Questions? Contact:

Academic and Career Advising at:

[Advisement@snow.edu](mailto:Advisement@snow.edu)

(435) 283-7313

[James.Luster@snow.edu](mailto:James.Luster@snow.edu)

[Larry.Smith@snow.edu](mailto:Larry.Smith@snow.edu)

Web: <http://www.snow.edu/physics>

E-mail: [physics@snow.edu](mailto:physics@snow.edu)

Phone: (435) 283-7509

# Physics



**\*Recommended Curriculum:** (for well-prepared students)

*This schedule does not quite fulfill all GE for an AS*

## Fall Semester I

MATH 1210	Calculus I	5 credits
CHEM 1210	Principles of Chemistry I	4 credits
CHEM 121L	Principles of Chem I Lab	1 credit
ENGL 1010	Expository Composition	3 credits
PHSX 210H	Honors Physics	2 credits
<b>TOTAL</b>		<b>15</b>

## Spring Semester I

Math 1220	Calculus II	4 credits
CHEM 1220	Principles of Chemistry II	4 credits
CHEM 122L	Principles of Chem II Lab	1 credit
Life Science		3 credits
GE		3 credits
PHED 1770	Fitness for Life	1 credit
<b>TOTAL</b>		<b>16</b>

## Fall Semester II

MATH 2210	Calculus III	3 credits
ENGL 2010	Intermediate Composition	3 credits
PHSX 2210	University Physics I	4 credits
PHSX 221L	University Physics I Lab	1 credit
CPSC 1710	Computer Science I	3 credits
CPSC 171L	Computer Science I Lab	1 credit
<b>TOTAL</b>		<b>15</b>

## Spring Semester II

MATH 2270	Linear Algebra	3 credits
MATH 2280	Differential equations	3 credits
PHSX 2220	University Physics II	4 credits
PHSX 222L	University Physics II Lab	1 credit
PHSX 2710	Modern Physics	3 credits
GE		3 credits
<b>TOTAL</b>		<b>17</b>

