Physics

What Degree Can I Get?

A physics education is a broad education that teaches thinking and problem-solving skills—the very skills needed in many areas of business, finance, and law. A Bachelor's degree in physics is wonderful preparation for further education in medical or law school or an MBA program.

Which Classes Should I Take?

Students who wish to transfer to a four-year institution should take the following courses while at Snow College. Students who have a transfer institution in mind should consult that institution's Physics Department regarding course transferability as soon as possible.

- MATH 1210 – Calculus I
- MATH 1220 – Calculus II
- MATH 2210 – Calculus III
- MATH 2270 – Linear Algebra
- MATH 2280 – Differential Equations
- CHEM 1210 + lab – Principles of Chemistry I
- CHEM 1220 + Lab – Principles of Chemistry II
- CS 1400 + Lab – Programming Fundamentals
- PHYS 2100 – Honor Physics
- PHYS 2210 + Lab – Physics for Scientists and Engineers I
- PHYS 2220 + Lab – Physics for Scientists and Engineers II
- PHYS 2710 – Modern Physics

Contact Information

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Careers

Students who earn a degree in physics should be able to work in the following areas:

Teaching – Physics majors who earn a bachelor's degree and certification in secondary education are usually eligible to be high-school physics teachers. With a master's degree, physics majors are eligible to teach in a two-year college. With a doctorate, physics majors are eligible to teach in a four-year college or university.

Research – Many industries and corporations hire research physicists to do basic or applied research.

Instrumentation - Physicists with Bachelor's degrees are often employed to invent, build, maintain, and use various kinds of scientific equipment in many contexts.

Cross-over science fields – Since physics is the foundation of all other sciences there are many cross-disciplinary opportunities to work in astrophysics, geophysics, biophysics, or chemical physics, ect. People with physics degrees are also often employed as engineers.

Associate of Science and Art Requirements

American Institutions 3*	ENGL 6	Math 2-5	OC 3
FA 3	HU 3	SS 3	PE 1096 1
Option 1: LS 3	PS 3	**Labs 2**	**Scientific Inquiry 3**
Option 2: LS 3	PS 3	**Labs 1**	**Scientific Inquiry 3 MUST be a LS or PS**
Associates of Arts requires a Physical Science and a Life Science – but only one science lab. You must complete 4 credits of one language numbered 1020 or above. (Undergraduate tutoring and 2800 special projects excluded.)			

Major preparation information is given only as a guide. Information is subject to change without notice. For most recent information, students must contact their transfer institution directly. *June 2010*