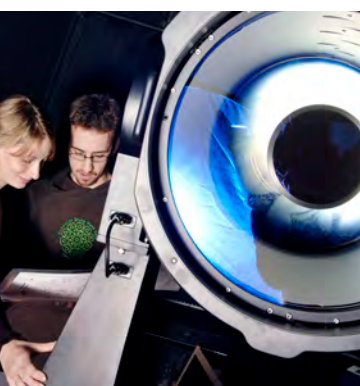




Physics & Astronomy



Our Program

The Department of Physics and Astronomy offers an undergraduate curriculum leading to a Bachelor of Arts (B.A.) degree in Physics and a Bachelor of Science (B.S.) degree with a major in Physics and a concentration in Astronomy. The B.S. degree in Physics is designed for those students who expect to enter one of the various fields of research and development in government agencies or private industry. In addition, the curriculum serves those students who are interested in continuing into graduate study and those preparing to teach at all levels. The B.A. degree in Physics is less specialized and more adaptable to studies in various fields, including preparation for teaching at the secondary school level.

The adjacent list of career possibilities shows the enormous flexibility of a Physics degree; it provides solid preparation for a very broad range of occupations. Keep in mind, however, that a major factor influencing career path is preparation and experience. How well a student researches job alternatives, gains additional experiential background via research opportunities and internships, and takes advantage of educational and networking opportunities can have a large impact on the eventual career a student chooses to pursue. Students also have a strong chance of increasing their opportunities by strengthening their skills with additional course work from related disciplines, such as geology, chemistry, oceanography, biology, computer science, mathematics, etc. Through the course of study, the physics student will develop (or further develop): a basic interest in natural phenomena and fundamental interactions, an understanding and appreciation of the scientific process, an inquisitive nature, high-level mathematical and analytical skills, the ability to perform laboratory experiments and draw logical conclusions from their results, and an understanding of the varied roles that scientists play in society.

For more information

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Bachelor of Arts
Physics

Bachelor of Science
Astronomy
Physics

Minor
Astronomy
Physics

Related Careers

Aerospace Engineer
Astronomer/Astrophysicist
Biophysicist
Computer Scientist
Electronics Technician
Laboratory Technician
Laboratory Scientist
Meteorologist
Nuclear Engineer
Oceanographer
Optical Engineer
Patent Examiner
Physical Chemist
Plasma Physicist
Professor
Programmer
Radiologist
Research & Development
Scientist
Seismologist
Semiconductor Engineer
Software Developer
Solar & Renewable Energy
Scientist
Statistician
Systems Analyst
Teacher
University Researcher

Some of the careers listed may require additional or specialized coursework.

Academic & Career
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2019-2020 Academic Year