

PHYSICS

Program Description

Physics is the study of the universe: what it's made of and how it works. Physics uses a small collection of basic laws and principles to describe a vast range of natural phenomena, such as black holes, galaxies, plasmas, superconductivity, nanostructured materials, lasers, photons and atoms.

Physics is the foundation of other fields such as engineering, materials science, electronics and chemistry. Beyond these, it finds application in many technical fields, such as optics, scientific instrumentation, biology and medicine.

A degree in Physics equips students with strong analytical problem solving, mathematical, experimental and computational skills. These have enabled physics majors to secure employment in research, engineering, medical physics and business as well as enter graduate programs in physics, chemistry, aerospace engineering, nuclear engineering and planetary science.

A physics minor is a valuable complement to a major in mathematics, biology, chemistry, geology or environmental science.

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Programs of Study

Associates

- [Physics, Liberal Arts \(AS\)](#)

Bachelors/Minors

- [Physics \(BS\)](#)
- [Physics \(Minor\)](#)