



What Can I Do with This Major?

Physics

The Physics Department aims to give students a deep understanding of the fundamental principles governing the physical universe. Through a diverse range of courses students explore the laws of nature, the properties of matter and energy, and develop critical thinking skills essential for scientific inquiry. Students will explore a wide range of topics, including mechanics, electromagnetism, thermodynamics, and more. Through experimentation, problem-solving, and theoretical exploration, the Physics Department equips students with the knowledge and skills necessary to navigate the complexities of the world as we know it and contribute meaningfully to scientific advancement and innovation.

AVC Certificates & Degrees

- Physics Associate Degree for Transfer

Examples of Work Industries & Employers

Research Foundations
Aerospace industry
Medical Labs
Engineering Companies
Educational Institutions

Research and Development
Military
Industrial Firms
Government

Observatories
Laboratories
Planetariums
Science museums

Possible Job Titles *may require a bachelor's degree or higher*

K-12 Teacher
Astronomer
Astrophysicist
Biophysicist
Computational Physicist

Health Physicist
Materials Physicist
Molecular Physicist
Medical Physicist
Geophysicist

Nuclear Physicist
Plasma Physicist
Quantum Physicist
College Professor