

What can I do with this major: Physics

Physics is the discipline of Science dealing with the properties of matter and energy. This degree offers students a fundamental knowledge of Physics and its relation to science, technology, and engineering. Students will enhance their problem solving and critical thinking skills by applying mathematical models to real world problems or utilizing mathematical objects and theorems to evaluate the validity of a statement or to prove mathematical statements.

Degrees and Certificates offered at AVC

- ❖ [Physics - AST](#) (transferable)

Work Industries and Employers

- ❖ Research Foundations
- ❖ Aerospace industry
- ❖ Medical Labs
- ❖ Engineering Companies
- ❖ Educational Institutions
- ❖ Industrial Firms
- ❖ Government Laboratories
- ❖ Development Centers
- ❖ Military
- ❖ Observatories
- ❖ Laboratories
- ❖ Planetariums
- ❖ Science museums

Possible Job/Career Titles

Bachelor Degree:

- ❖ Science Teacher

Advanced Degree:

- ❖ Astronomer
- ❖ Astrophysicist
- ❖ Biophysicist
- ❖ Computational Physicist
- ❖ Geophysicist

- ❖ Health Physicist
- ❖ Materials Physicist
- ❖ Molecular Physicist
- ❖ Medical Physicist
- ❖ Nuclear Physicist
- ❖ Plasma Physicist
- ❖ Quantum Physicist
- ❖ College Professor

The information reflected is intended to act as a tool for exploration. Please visit the [Career Center](#) for more specific information on majors and careers

Next Steps...

Connect with Professional Associations

Associations are a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- ❖ [American Institute of Physics](#)
- ❖ [American Astronomical Society](#)
- ❖ [National Aeronautics and Space Administration](#)
- ❖ [American Physical Society](#)
- ❖ [Institute of Physics](#)

Find CSU/UC Major Preparation (BA/BS)

- ❖ [CSU Northridge: Physics B.S.](#)
- ❖ [CSU Northridge: Physics B.S. with Astrophysics Option](#)
- ❖ [CSU Los Angeles: Physics B.S.](#)
- ❖ [San Diego State University: Physics B.A. with an option in Astronomy](#)
- ❖ [UCLA: Biophysics B.S.](#)
- ❖ [UC San Diego: ECE: Engineering Physics B.S.](#)
- ❖ ... and more! - <https://www.transferbound.com/>

Develop your Skills and Experience

- ❖ [AVC STEM Club](#)
- ❖ Jobs and Internships ([College Central Network](#))
- ❖ [NASA Community College Aerospace Scholars](#)
- ❖ [Jet Propulsion Laboratory \(JPL\) Programs](#)
- ❖ [Society of Physics Students Resources](#)

View Additional Information

- ❖ [Occupational Outlook Handbook](#)
- ❖ [Candid Career Videos](#)
- ❖ [Assist](#): Student Transfer Information System
- ❖ [ONET](#) OnLine: Job and Career Exploration
- ❖ [Linkedin Alumni Tool](#)
- ❖ [Transfer Schools](#)