

Astronomy

The Astronomy major focuses on star formation, compact objects, radio and extragalactic astronomy, computational modeling of stellar explosions and cosmology.

The Astronomy program prides itself on engaging undergraduate students in research such as data analysis, simulation and software engineering, and analytic projects.

Students are taught the skills needed for problem solving, and apply these to some of the most fascinating problems in the universe.

PROGRAMS

- BS in Astronomy / Planetary Sciences
- Minor in Astronomy

A SAMPLING OF OUR COURSES

- Search for Life
- Stars and Radiation
- Galaxies
- Cosmology





Sheina Peralta '26
Astronomy and Physics Double Major
Studio Art Minor

A commuter student, Sheina loves the peacefulness of the campus and enjoys watching the scenery as she travels by train everyday. Her favorite classes are AST 203 - Astronomy, and PHY 251 - Modern Physics, as they provide great insight into what the majors will entail and can spark interests into specific fields of astrophysics.

RESEARCH OPPORTUNITIES

Many astronomy majors get involved in interesting and innovative research.

Benefits of research include:

- Experience that may be useful to you in future study or your career
- Formation of professional relationships with your supervisor/mentor that can serve as the basis for a letter of recommendation
- Receipt of course credit that can be applied to your degree, and you may even be paid for your work

Get involved in collaborative research projects with scientists at other area institutions including:

- Center for Computational Astrophysics
- Laser Teaching Center
- Institute for Advanced Computational Science

CAREERS TO EXPLORE

Some graduates have continued their education at highly respected institutions, while others have gone on to careers in diverse fields including:

- Engineering
- Observational Astronomy
- Gravitational Wave Astronomy
- Dark Matter/Energy Cosmology
- Computational Astrophysics
- Nuclear Astrophysics
- Data Analysis
- Computer Programming

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