

B.S. in Astronomy and Astrophysics

Program-Level Student Learning Outcomes

Students will:

- Communicate astronomical results to astronomers and non-astronomers using varied methods including giving talks, writing technical reports, and writing papers for publication.
- Describe the current state of knowledge regarding the astronomical and physical universe.
- Make professional and ethical decisions.
- Apply data derived from conducted experiments and prevailing models in astronomy to real systems using current techniques.
- Apply mathematics, science, and contemporary issues to solve scientific problems.
- Operate astronomical telescopes and detectors to obtain scientific data on astronomical objects.