

**Department of Physics**  
**Minor in Astronomy**

Our Minor in Astronomy is designed for students who desire additional capabilities in astronomy. The program offers enhanced preparation for graduate studies in astronomy and astrophysics. It is also aimed at students interested in careers in science education, science centers, museums and planetariums.

**The minor in Astronomy requires 20 credit hours:**

Course Prefix	Course Title	Credits Hours
PHY 2048	Physics with Calculus I <i>Prerequisite or Corequisite: MAC 2311 or equivalent.</i>	4
PHY 2048L	Physics with Calculus Lab <i>Prerequisites or Corequisites: PHY 2048, PHY 2049, PHY 2053, PHY 2054. (Lab fees assessed)</i>	1
PHY 2049	Physics with Calculus II <i>Prerequisites: PHY 2048. Prerequisite or Corequisite: MAC 2312 or equivalent.</i>	4
PHY 2049L	Physics with Calculus II Lab <i>Prerequisites or Corequisites: PHY 2048, PHY 2049, PHY 2053, PHY 2054. (Lab fees assessed)</i>	1
PHY 3106	Modern Physics <i>Prerequisites: PHY 2049</i>	3
AST 3213	Modern Astrophysics <i>Prerequisites: PHY 2048, 2049</i>	3
AST 3722	Observational Astronomy <i>Prerequisite: PHY 2049</i>	3
AST 3722L	Observational Astronomy Lab <i>Corequisite: AST 3722</i>	1

Grades of “C” or better are required for all courses and labs.

For more information, consult the [Undergraduate Catalog](#).