

## Minor in Astronomy

### Program

A minor in astronomy is a flexible program intended for students enrolled in any four-year degree at the University of Maine. It requires a minimum of 21 credits.

### Requirements

- Core Courses (13 credits) Credits

AST 109	Introduction to Astronomy	3
AST 110	Introduction to Astronomy Laboratory	1
PHY 111/112 PHY 121/122	General Physics I/II or Physics for Engineers and Physical Scientists I/II	8
PHY 223	Special Relativity	1

- Elective courses (8 or more credits): three or more courses from the following list.

AST 221	Planetary Systems	3
AST 227	Stars and Galaxies	3
PHY 236	Introductory Quantum Physics	3
AST 451	Astrophysics*	1-3
AST 497	Topics in Astrophysics*	1-3

\* May be taken for variable credit, one to three credits, as arranged.

- GPA requirement: Students graduating with a minor in a CLAS field must earn a cumulative GPA of 2.0 or better in the courses in the minor field that are credited toward completion of the minor.
- Residency requirement: Must complete a minimum of 9 credits at UMaine; at least 6 of these 9 credits must be from the Elective Courses.

Exceptions to this list may be considered on a case-by-case basis by the Minor Advisor with the advice and consent of the faculty.

### For More Information

Astronomy Minor Advisor: Dr. David J. Batuski, [batuski@maine.edu](mailto:batuski@maine.edu), 312 Bennett Hall, 207-581-1035.  
[physics@maine.edu](mailto:physics@maine.edu)