

# ASTRONOMY, MINOR

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Minimum Total Credit Hours: 26

Minimum Upper-Division Hours: 9

Program Code: N080

- The requirements for a minor must be completed concurrently with the major degree requirements.
- No minor may be added by completing courses after receiving the bachelor's degree.

At least six (6) credit hours must be earned in courses acceptable for residence credit by standards set forth by the College of Arts and Sciences, excluding transfer, correspondence, and examination (AP, CLEP, Advanced Standing) credit. Courses for the minor may not be taken Pass/No Pass.

Students must successfully complete at least 26 hours of courses acceptable for major credit in Astronomy, including at least nine (9) hours at the upper-division level.

**No single course may be used by a student to satisfy a major requirement and a minor requirement.** A course may be used, however, to satisfy both a major support requirement and a minor requirement.

Requests to substitute a minor requirement must be approved in writing by the Department of Physics & Astronomy.

## Required Courses

Code	Title	Credit Hours
PHYS 1205 or PHYS 2514	Introductory Physics I for Physics Majors General Physics for Engineering and Science Majors	4-5
PHYS 1215 or PHYS 2524	Introductory Physics II for Physics Majors General Physics for Engineering and Science Majors	4-5
PHYS 2203	Introductory Physics III: Modern Physics	3
PHYS 3043	Physical Mechanics I	3
ASTR 2513	Introductory Astrophysics	3
ASTR 3103	Stars	3
ASTR 3113	Galaxies and Cosmology	3
MATH 2443	Calculus and Analytic Geometry IV	3
Total Credit Hours		26

- Minors in the College of Arts & Sciences are available to all undergraduate students at OU. If the minor is officially declared, successfully completed, and noted on the graduation application, the student's transcript will so indicate at the time the bachelor's degree is posted.
- Approved May 2005