

# ASTROPHYSICS MINOR

Banner Code: PHAP

## Undergraduate Astronomy Advisor

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This minor expands upon a student's understanding of both astronomy beyond the introductory level and of fundamental principles, and further develops analytical skills. The minor is an attractive option for students majoring in science, technology, engineering, or mathematics (STEM).

## Admissions & Policies

### Policies

Eight credits of coursework must be unique to the minor and students must complete all coursework with a minimum GPA of 2.00. For policies governing all minors, see AP5.3.4 Minors (<http://catalog.gmu.edu/policies/academic/undergraduate-policies/#ap-5-3-4>).

## Requirements

### Minor Requirements

Total credits: 16-17

Students should refer to the Admissions & Policies tab for specific policies related to this program.

The minor requires completion of all coursework with a minimum GPA of 2.00.

### Core Courses

Code	Title	Credits
Select one introductory physics sequence:		6
Sequence One		
PHYS 160	University Physics I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
PHYS 260	University Physics II (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
Sequence Two		
PHYS 170	Introductory and Modern Physics I (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
PHYS 270	Introductory and Modern Physics II (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
ASTR 124	Introduction to Observational Astronomy	1
ASTR 210	Introduction to Astrophysics	3
Total Credits		10

### Astronomy Electives

Code	Title	Credits
Select two courses from the following:		6-7
ASTR 301	Astrobiology	
ASTR 328	Stars	
ASTR 401	Computer Simulation in Astronomy	
ASTR 402	RS: Methods of Observational Astronomy (Mason Core) ( <a href="http://catalog.gmu.edu/mason-core/">http://catalog.gmu.edu/mason-core/</a> )	
ASTR 403	Planetary Science	
ASTR 404	Galaxies and Cosmology	
ASTR 420	Exoplanets	
ASTR 480	The Interstellar Medium	
Total Credits		6-7