

ASTRONOMY MINOR

AST

Earth Sciences and Science Education Department

SAMC 160
(716) 878-6731

The astronomy minor program allows students to expand their interest in outer space and celestial bodies into a richly rewarding, lifelong vocation. This program may provide a Physics student with the initial knowledge base for a career in astronomy or help prepare a student interested in Science Secondary Education for a career in Planetarium Education. The program is supported by the Whitworth Ferguson Planetarium.

Program Requirements

Code	Title	Credit Hours
Required Courses (3 credit hours)		
GES 131	INTRODUCTORY ASTRONOMY	3
Electives (15 credit hours)		
Select one of the following options:		15
<i>Elective Option 1</i>		
GES 331	MODERN SOLAR SYSTEM ASTRONOMY	
GES 332	STELLAR AND GALACTIC ASTRONOMY	
GES 335	METHODS OF OBSERVATIONAL ASTRONOMY	
GES 339	ASTRONOMY AND COSMOLOGY	
GES 431	PLANETARIUM SEMINAR	
<i>Elective Option 2</i>		
Three courses from the list above AND an approved sequence in Physics, either PHY 107/PHY 108 (6 credit hours) or PHY 111/PHY 112 (8 credit hours). Note: a single Physics course cannot be applied to the minor.		
Total Credit Hours		18