

Minor in Astronomy

The minor in astronomy is designed for any interested student with a background in calculus. Combined with a physics, geology, chemistry, or biology degree, it can give students the background needed to pursue a career or graduate degree in an astronomy related field including astrophysics, planetary science, cosmology, and more.

Requirements for a minor in Astronomy (31 units)

Lower-division requirements (22)

MATH 2210	Calculus I	4
MATH 2220	Calculus II	4
PHYS 2500	General Physics I	4
PHYS 2500L	General Physics I Lab	1
PHYS 2510	General Physics II	4
PHYS 2510L	General Physics II Lab	1
ASTR 2300	Introduction to Astronomy for Scientists	4

Upper-division requirements (9)

Choose one Astrophysics course:		3
ASTR 3300	Astrophysics of Planetary Systems	
ASTR 3310	Astrophysics of Galaxies and Cosmology	
Six units of electives approved by the department:		6
ASTR 3300 or ASTR 3310, whichever has not satisfied the above requirement		
ASTR 4000	Observational Astronomy	
CHEM 4500	Physical Chemistry II	
CHEM 5200	Instrumental Analysis	
CHEM 5320	Atmospheric Chemistry	
GEOL 3220	Introduction to Geochemistry	
GEOL 5420	Geochemical Thermodynamics	

Total Units		31
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