

ASTROBIOLOGY AND PLANETARY SCIENCE MINOR

The Astrobiology and Planetary Science Minor provides students in the physical and biological sciences with interdisciplinary courses needed to gain an understanding of life, the environmental conditions for life and the discovery, and exploration of planetary environments beyond the Earth where life might be possible.

About this Program

- **College:** Liberal Arts and Sciences (<https://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Credits:** 15 | Completed with minimum grades of C

Department Information

The Department of Astronomy is home to a vibrant community actively engaged in research, education, and outreach. The department's faculty are involved in a wide range of research programs (<https://www.astro.ufl.edu/research/>) using world-class resources including an in-house design-through-fabrication instrumentation program (<https://www.astro.ufl.edu/instrumentation/past-current-projects/>), partner level access to the Gran Telescope Canarias (<https://www.astro.ufl.edu/research/telescopes/>), the HiPerGator-2 (<https://www.astro.ufl.edu/research/computing/>) supercomputer, and more.

More Info (<https://www.astro.ufl.edu/>)

CONTACT

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Map (<http://campusmap.ufl.edu/#/index/0038>)

Curriculum

- Astrobiology and Planetary Science Minor
- Astronomy and Astrophysics
- Astronomy Minor

Students must complete a minimum of six credits of coursework exclusive to the minor that cannot count toward the major(s) or other minors.

REQUIRED COURSES

Code	Title	Credits
Select one:		3
MCB 3703	Astrobiology	
AST 4710	Life Across the Cosmos: Astrobiology for the Physical Sciences	
GLY 4041	Survey of Geobiology and Astrobiology	
AST 4111	Exoplanets	3
Select one:		3
AST 3722C	Techniques of Observational Astronomy 1	
PHZ 3152	Advanced Computational Techniques	
MCB 4794	Analysis, Interpretation, and Visualization of Microbiological Data	
Electives Outside of the Major		6
AST 3018	Astronomy and Astrophysics 1	
AST 3019	Astronomy and Astrophysics 2	
AST 4930	Special Topics (Star and Planet Formation)	
PHZ 4710	Introduction to Biological Physics	
BSC 3307C	Climate Change Biology	
PCB 3034C	Introduction to Ecology	
PCB 4674	Evolution	
MCB 3023	Principles of Microbiology	
MCB 4467	Synthetic Biology	
MCB 4503	General Virology	
GLY 3105C	Evolution of Earth and Life	
GLY 4930	Special Topics in Geology (Topics in Planetary Science)	
GLY 4930	Special Topics in Geology (Astrobiology Seminar)	
HOS 3305	Introduction to Plant Molecular Biology	

HOS 4932	Special Topics in Horticultural Sciences (Feeding Martians)
Total Credits	15
