MINOR IN ASTROBIOLOGY

Why study astronomy?
Because understanding the physical universe starts here.

Undergraduate Programs
Astronomy programs are offered through the Department of Physics and Astronomy. The astronomy curriculum offers undergraduates a survey of modern astronomy and an introduction to physical science, gives science and engineering students an introduction to astronomy and astrophysics, and prepares students majoring in astronomy for graduate study in astronomy or related fields.

Courses for Nonmajors
ASTR 191 surveys a wide range of contemporary astronomy topics while ASTR 293 discusses a shorter list of astrophysically extreme objects in greater detail; both courses require eligibility for MATH 101. ASTR 394 is open to students with previous coursework in astronomy, geology or biology; ASTR 391 offers an introduction to physical astronomy at a calculus-based level.

Requirements for the Minor in Astrobiology
Astrobiology Minor Course Requirements
Students selecting this minor must complete courses as specified in each of the following areas:

Minor Requirements
Principles of Molecular and Cellular Biology (4)
Satisfied by the following:

Principles of Molecular and Cellular Biology

Geology (3)
Satisfied by one of the following:

The Way The Earth Works
History of the Earth
Life Through Time: DNA to Dinosaurs

Physical Astronomy, Honors (3)
Satisfied by the following:

Physical Astronomy, Honors

Astrobiology Core (3-4)
Satisfied by one of the following:

The Quest for Extraterrestrial Life
Undergraduate Research

Astrobiology Required Electives (6)
Student selecting this minor must complete 6 credit hours of coursework in astronomy, biology, chemistry, geology, or physics at the 300-level or higher and not in the student’s major field.

Minor Hours & Minor GPA
While completing all required courses, minors must also meet each of the following hour and grade-point average minimum standards:

Minor Hours
Satisfied by a minimum of 19 hours of minor coursework.

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