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

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<th>Principles of Molecular and Cellular Biology (4)</th>
<th>Satisfied by the following:</th>
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<td>BIOL 150 Principles of Molecular and Cellular Biology 4</td>
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Geology (3)
Satisfied by one of the following:
| GEOL 101 The Way The Earth Works |
| GEOL 105 History of the Earth |
| GEOL 121 Life Through Times: DNA to Dinosaurs |

Physical Astronomy, Honors (3)
Satisfied by the following:
| ASTR 391 Physical Astronomy, Honors 3 |

Astrobiology Core (1-4)
Satisfied by one of the following:
| ASTR 394 The Quest for Extraterrestrial Life |
| ASTR 503 Undergraduate Research |

Astrobiology Required Electives (6)
Student selecting this minor must complete 6 credit hours of course work 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.

Minor Hours in Residence
Satisfied by a minimum of 9 hours of KU resident credit in the minor.

Minor Junior/Senior Hours
Satisfied by a minimum of 12 hours from junior/senior courses (300+) in the minor.

Minor Graduation GPA
Satisfied by a minimum of a 2.0 KU GPA in courses in the minor. GPA calculations include all courses in the field of study including F's and repeated courses. See the Semester/Cumulative GPA Calculator (http://clas.ku.edu/undergrad/tools/gpa).