

Course Number

AST-058-01

Course Description

Does life exist elsewhere in the universe, or are we alone? The emerging science of astrobiology attempts to answer this fundamental question using an interdisciplinary approach rooted in biology and astronomy. This course will examine the current state of our scientific knowledge concerning the possibility of life elsewhere in the universe. Topics include: the nature and origin of life on Earth, the possibility of life on Mars and elsewhere in the Solar System, the search for extrasolar planets, the habitability of planets, and the search for extraterrestrial intelligence.

Academic Term

22/WI

Instructor

Horton, John

Koopmann, Rebecca

Location & Meeting Time

Olin Building-115+ M/W/F 10:30AM-11:35AM LEC

By Permission of Instructor

Y

Credits

1.00

Capacity

34

Total Students

33

Common Curriculum

SET Science, Engineering Tech

Interdisciplinary Programs

Science, Medicine & Tech in Cu

Academic Department

Physics and Astronomy

Biology

Field Of Study

Astronomy (AST)