

COURSE DETAIL

ASTROBIOLOGY: THE SEARCH FOR LIFE IN THE UNIVERSE

Country

United Kingdom - Scotland

Host Institution

University of St Andrews

Program(s)

University of St Andrews

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

ASTROBIOLOGY: THE SEARCH FOR LIFE IN THE UNIVERSE

UCEAP Transcript Title

ASTROBIOLOGY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course leads students through the scientific quest for the origin of life on Earth and the prospect for finding life on other planets, both in our solar system and on habitable worlds elsewhere in the Galaxy. The course covers diverse topics in biology, geology, astronomy and chemistry, which together comprise the field of astrobiology. The course studies the origins and evolution of planets and life on Earth, and uses this as a framework for how to search for life in our Solar System and beyond, including exploring how science interfaces with society. Due to the wide range of science topics covered, the course is applicable to any Science faculty student. A key component of the course is to examine the scientific method, how scientific theories are developed and refuted, and discuss the burden of proof for extraordinary claims.

Language(s) of Instruction

English

Host Institution Course Number

ES1006

Host Institution Course Title

ASTROBIOLOGY: THE SEARCH FOR LIFE IN THE UNIVERSE

Host Institution Campus

University of St Andrews

Host Institution Faculty

Host Institution Degree

Host Institution Department

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