

COURSE DETAIL

ASTROBIOLOGY

Country

Canada

Host Institution

McGill University

Program(s)

McGill University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics Earth & Space Sciences

UCEAP Course Number

40

UCEAP Course Suffix**UCEAP Official Title**

ASTROBIOLOGY

UCEAP Transcript Title

ASTROBIOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Astrobiology is the study of life throughout the universe. This course covers the search for, and characterization of, habitable worlds. The course explores the formation and evolution of stars and planets, the astronomical and geological factors that impact a planet's habitability, the evolution of life on Earth, and the potential for biological evolution beyond an organism's planet of origin. The course includes a series of exercises, applications, and in-class activities that illustrate how scientists use logic and reasoning to solve problems and deal with uncertainties at the frontier of knowledge.

Language(s) of Instruction

English

Host Institution Course Number

EPSC/PHYS 186

Host Institution Course Title

ASTROBIOLOGY

Host Institution Campus

Science

Host Institution Faculty

Host Institution Degree

Host Institution Department

Earth & Planetary Sciences; Physics

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