

COURSE DETAIL

ASTRONOMY AND SPACE SCIENCE

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

80

UCEAP Course Suffix**UCEAP Official Title**

ASTRONOMY AND SPACE SCIENCE

UCEAP Transcript Title

ASTRONOMY&SPACE SCI

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course provides an introduction to astronomy, from the earliest theories through to the most current scientific knowledge of the universe. Topics include the solar system, extrasolar planets, the sun, stars and their evolution, black holes, gravitational waves and the Big Bang. There is an emphasis on the role of space-based technology in our understanding of the formation and evolution of the universe and its contents. This course is not highly mathematical or quantitative and is probably not appealing to students seeking a rigorous mathematical introduction to the subject.

Language(s) of Instruction

English

Host Institution Course Number

PHYC10050

Host Institution Course Title

ASTRONOMY AND SPACE SCIENCE

Host Institution Campus

University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physics

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