

COURSE DETAIL

INTRODUCTION TO ASTROPHYSICS

Country

United Kingdom - England

Host Institution

Exeter College, Oxford University

Program(s)

Summer in Oxford

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics Earth & Space Sciences

UCEAP Course Number

85

UCEAP Course Suffix

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UCEAP Official Title

INTRODUCTION TO ASTROPHYSICS

UCEAP Transcript Title

INTRO ASTROPHYSICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an introduction to our knowledge of the universe, from the solar system out to the most distant galaxies, and from the present day back to the earliest times. Students explore physical questions and make quantitative investigations, but with a simple level of mathematics so that the spotlight is always on the basic physics concepts. The only prerequisite is introductory general physics, including calculus to the level of differentiation of simple functions.

Language(s) of Instruction

English

Host Institution Course Number

Host Institution Course Title

INTRODUCTION TO ASTROPHYSICS

Host Institution Campus

Exeter College

Host Institution Faculty

Host Institution Degree

Host Institution Department

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