

# COURSE DETAIL

## ASTRONOMY AND ASTROPHYSICS

**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)**

Physics

**UCEAP Course Number**

111

**UCEAP Course Suffix****UCEAP Official Title**

ASTRONOMY AND ASTROPHYSICS

**UCEAP Transcript Title**

ASTRONOMY&ASTROPHYS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course surveys the present state of knowledge of the orbits, surfaces and atmospheres of the planets in our solar system; the structure and evolution of the Sun and other stars, including extra-solar planetary systems; the bizarre menagerie of star-forming regions, violent stellar objects and supermassive black holes found within the Milky Way Galaxy and in other galaxies; and the large-scale structure and ultimate fate of the expanding Universe. Throughout the module, fundamental observations are interpreted using simple but powerful physical methods to show how distances and other properties of astronomical objects throughout the Universe have been measured, from the time of Copernicus to the era of the Hubble Telescope and beyond.

## Language(s) of Instruction

English

## Host Institution Course Number

AS1001

## Host Institution Course Title

ASTRONOMY AND ASTROPHYSICS

## Host Institution Course Details

[https://portal.st-andrews.ac.uk/catalogue/View?code=AS1001&academic\\_year=2014/5](https://portal.st-andrews.ac.uk/catalogue/View?code=AS1001&academic_year=2014/5)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Astronomy and Physics

## Course Last Reviewed

2025-2026

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