

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

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Astronomy and Physics

Course Last Reviewed

2025-2026

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