

COURSE DETAIL

ASTRONOMY: INTRODUCTION TO ASTROPHYSICS

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics Earth & Space Sciences

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

ASTRONOMY: INTRODUCTION TO ASTROPHYSICS

UCEAP Transcript Title

INTRO ASTROPHYSICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course gives a brief introduction to all fields of astronomy. Overview of general fundamental concepts. The night sky and its motion. Astronomical instruments and observation techniques. The sun and the planetary system, exoplanets. The distances to the stars and their motion. The structure and evolution of stars. The space between the stars. The Milky Way and other galaxies. Theories of the origin and development of the universe.

Language(s) of Instruction

English

Host Institution Course Number

ASTB01

Host Institution Course Title

ASTRONOMY: INTRODUCTION TO ASTROPHYSICS

Host Institution Course Details

<https://kursplaner.lu.se/pdf/kurs/en/ASTB01>

Host Institution Campus

Lund

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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