

COURSE DETAIL

ASTROPHYSICS

Country

Spain

Host Institution

Complutense University of Madrid

Program(s)

Complutense University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

ASTROPHYSICS

UCEAP Transcript Title

ASTROPHYSICS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers an introduction to astrophysics, stars, planets, and galaxies and cosmology. It discusses basic techniques of astronomical observation, observational parameters, and the different scales and structures of the universe. This course examines the main physical properties of stars, galaxies, the interstellar medium, star clusters, and galaxies. It considers the foundations of the standard cosmological model and the observational evidence that supports it.

Pre-requisites: Knowledge of General Physics

Language(s) of Instruction

Host Institution Course Number

800507

Host Institution Course Title

ASTROFÍSICA

Host Institution Course Details

<https://www.ucm.es/data/cont/docs/18-2025-05-11-800507%20-%20Astrophysics.pdf?v...>

Host Institution Campus

MONCLOA

Host Institution Faculty

Facultad de Ciencias Físicas

Host Institution Degree

GRADO EN FÍSICA

Host Institution Department

DEPARTAMENTO DE Física de la Tierra y Astrofísica

Course Last Reviewed

2025-2026

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