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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