COURSE DETAIL

OBSERVATIONAL ASTROPHYSICS I
Country Sweden
Host Institution Uppsala University
Program(s) Uppsala University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 125
UCEAP Course Suffix
UCEAP Official Title OBSERVATIONAL ASTROPHYSICS I
UCEAP Transcript Title OBSERVATL ASTROPHYS
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

The course gives an introduction to the modern ground- and space-based telescopes; astronomical coordinate systems; observational methods including direct imaging, photometry, spectroscopy, and interferometry; different telescope/instrumentation/detector configurations; and observational experiments, calibrations and data reductions, both on a theoretical level and experimentally with the Westerlund Telescope at the Ångström Laboratory in Uppsala, Sweden.

Language(s) of Instruction
English

Host Institution Course Number
1FA203

Host Institution Course Title
OBSERVATIONAL ASTROPHYSICS I

Host Institution Course Details
https://www.uu.se/en/admissions/freestanding-courses/course/?kKod=1FA203&typ=1

Host Institution Campus
Uppsala University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Physics and Astronomy

Course Last Reviewed
2022-2023

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