COURSE DETAIL

OBSERVATIONAL ASTRONOMY
Country Norway
Host Institution University of Oslo
Program(s) University of Oslo
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics Earth & Space Sciences
UCEAP Course Number 122
UCEAP Course Suffix
UCEAP Official Title OBSERVATIONAL ASTRONOMY
UCEAP Transcript Title OBSERVATN ASTRONOMY
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description
This is an introductory course to modern observational methods used in astronomy. Students become familiar with ground and space based telescopes and detectors, imaging techniques and image processing, and spectroscopy. Through practical exercises, students gain insight into how astronomical observations are carried out and the errors caused by the different techniques. They understand the limitations inherent in measurements and the capability of performing observational theses in astronomy as well as the techniques used in spectroscopy, interferometry, photometry, and polarimetry.

Language(s) of Instruction
English

Host Institution Course Number
AST2210

Host Institution Course Title
OBSERVATIONAL ASTRONOMY

Host Institution Course Details

Host Institution Campus
Mathematics and Natural Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Theoretical Astrophysics

Course Last Reviewed

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