

# COURSE DETAIL

## QUANTUM MECHANICS

**Country**

Norway

**Host Institution**

University of Oslo

**Program(s)**

University of Oslo

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

140

**UCEAP Course Suffix****UCEAP Official Title**

QUANTUM MECHANICS

**UCEAP Transcript Title**

QUANTUM MECHANICS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This is an intermediate course in quantum mechanics with a focus on how to formulate quantum mechanical calculations. The course starts with the Dirac-notation and the fundamental postulates, then several important exactly solvable systems are treated. Finally, the course introduces various approximation methods.

### Language(s) of Instruction

English

### Host Institution Course Number

FYS3110

### Host Institution Course Title

QUANTUM MECHANICS

### Host Institution Campus

### Host Institution Faculty

Mathematics and Natural Sciences

### Host Institution Degree

### Host Institution Department

Physics

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