

# 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 Course Details

<https://www.uio.no/studier/emner/matnat/fys/FYS3110/index-eng.html>

## Host Institution Campus

## Host Institution Faculty

Mathematics and Natural Sciences

## Host Institution Degree

## Host Institution Department

Physics

## Course Last Reviewed

2023-2024

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