

# COURSE DETAIL

## AEROSOL TECHNOLOGY PROJECT

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering Engineering

**UCEAP Course Number**

142

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

AEROSOL TECHNOLOGY PROJECT

**UCEAP Transcript Title**

AEROSOL TECH PROJCT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

In this course students acquire abilities to solve an aerosol technology related problem independently. The work is carried out in a project form under supervision of researchers in aerosol science field. The project consists of an experimental and/or theoretical approach, some examples: performing measurements in real or laboratory settings, developing a new measurement technique, modelling, analysis of datasets, etc. Students gain the ability to identify the problem, choose adequate methods to solve it, develop analysis and evaluation skills, and draw conclusions. The course also trains students in investigative approach and project management which are important skills both at the university education as well as in future workplace. The course aims also to train students in investigative approach and project management which are important skills both at the university education as well as in future workplace.

## Language(s) of Instruction

English

## Host Institution Course Number

MAMN20

## Host Institution Course Title

AEROSOL TECHNOLOGY PROJECT

## Host Institution Campus

Engineering

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Engineering- Ergonomics and Aerosol Technology

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