

## COURSE DETAIL

### ENERGY ENGINEERING

**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**

108

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

ENERGY ENGINEERING

**UCEAP Transcript Title**

ENERGY ENGINEERING

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This interaction between actors in the energy market creates opportunities to use energy more efficiently and reduces the environmental impact of the energy system. It is therefore important to be able to understand the limitations and possibilities of the components and to optimize their usage within the energy system. This course provides engineering expertise regarding energy processes and components within energy systems, and provides the tools needed to argue, judge, and evaluate possible solutions. Prior knowledge of thermodynamics is required.

### Language(s) of Instruction

English

### Host Institution Course Number

MVKP10

### Host Institution Course Title

ENERGY ENGINEERING

### Host Institution Campus

### Host Institution Faculty

Engineering

### Host Institution Degree

### Host Institution Department

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