

# COURSE DETAIL

## DESIGN OF EMBEDDED SYSTEMS

**Country**

Sweden

**Host Institution**

Lund University

**Program(s)**

Lund University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering Computer Science

**UCEAP Course Number**

158

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

DESIGN OF EMBEDDED SYSTEMS

**UCEAP Transcript Title**

DESGN EMBEDDED SYSTM

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course gives a general introduction to embedded system design which can be implemented using System-on-Chip technology. This kind of embedded systems contains both hardware and software components and therefore a hardware/software co-design is emphasized. The course gives a basic knowledge on specification methods, design representations (computational models) as well as related design methods. Special emphasis is placed on interface synthesis and low-power design methods.

## Language(s) of Instruction

English

## Host Institution Course Number

EDAN15

## Host Institution Course Title

DESIGN OF EMBEDDED SYSTEMS

## Host Institution Campus

## Host Institution Faculty

Engineering

## Host Institution Degree

## Host Institution Department

Computer Science

[Print](#)