

COURSE DETAIL

LAB-ON-A-CHIP IN BIOMEDICAL APPLICATIONS: LECTURE

Country

Sweden

Host Institution

Lund University

Program(s)

Lund University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Bioengineering

UCEAP Course Number

148

UCEAP Course Suffix

A

UCEAP Official Title

LAB-ON-A-CHIP IN BIOMEDICAL APPLICATIONS: LECTURE

UCEAP Transcript Title

LAB-ON-CHIP BIOMED

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course gives a detailed technical view into miniaturized bioanalysis and highlights some of the lab-on-a-chip technologies that are currently used in clinical medicine and biomedical research. The course covers sample handling and detection principles, which are key areas of interest in fundamental principles for bioanalysis integrated in microfluidic systems. This course represents the lectures only.

Language(s) of Instruction

English

Host Institution Course Number

EEMN26

Host Institution Course Title

LAB-ON-A-CHIP IN BIOMEDICAL APPLICATIONS: LECTURE

Host Institution Campus

Engineering

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Engineering- Biomedical Engineering

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