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 Course Details
https://kurser.lth.se/kursplaner/18_19%20eng/EEMN26.html

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering- Biomedical Engineering

Course Last Reviewed
2020-2021

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