COURSE DETAIL

DRUG FORMULATION AND PRODUCTION
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Engineering Chemistry Chemical Engineering Biochemistry
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title DRUG FORMULATION AND PRODUCTION
UCEAP Transcript Title DRUG FORMULATION
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The course describes pharmaceutical products and production, with an emphasis on physicochemical and chemical engineering questions. It also describes what happens to the drug product in the living organism when administered through different routes. The course focuses on different pharmaceutical formulations such as solutions, suspensions, emulsions, granulates, tablets, capsules, aerosols, and creams. The course gives an overview of the quality aspects of the pharmaceutical industry, and special requirements on the pharmaceutical industry when it comes to demands from authorities both Swedish and international. The laboratory assignments illustrate important formulation aspects and how to evaluate the quality and physical-chemical properties of the formulation.

Language(s) of Instruction
English

Host Institution Course Number
KLGN60

Host Institution Course Title
DRUG FORMULATION AND PRODUCTION

Host Institution Course Details
https://kurser.lth.se/kursplaner/22_23%20eng/KLGN60.pdf

Host Institution Campus

Host Institution Faculty
Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed
2022-2023

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