COURSE DETAIL

ADVANCED ANALYTICAL CHEMISTRY: CHROMATOGRAPHY AND MASS SPECTROMETRY

Country
Denmark

Host Institution
University of Copenhagen

Program(s)
University of Copenhagen

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Chemistry

UCEAP Course Number
136

UCEAP Course Suffix

UCEAP Official Title
ADVANCED ANALYTICAL CHEMISTRY: CHROMATOGRAPHY AND MASS SPECTROMETRY

UCEAP Transcript Title
CHROMATOGR&SPECTROM

UCEAP Quarter Units
6.00

UCEAP Semester Units
4.00

Course Description

The course covers chromatographic separation of small molecule organic compounds with special emphasize on the molecular mechanism and theory of analyte-column interactions for gas, supercritical fluid and liquid chromatography, and the theory of ionization, fragmentation, mass-to-charge separation, ion detection and data interpretation for all common mass spectrometers and ionization techniques.

Language(s) of Instruction
English

Host Institution Course Number
NPLK13004U

Host Institution Course Title
ADVANCED ANALYTICAL CHEMISTRY - CHROMATOGRAPHY AND MASS SPECTROMETRY

Host Institution Course Details
https://kurser.ku.dk/course/nplk13004u/2021-2022

Host Institution Campus

Host Institution Faculty
Faculty of Science

Host Institution Degree

Host Institution Department
Department of Plant and Environmental Sciences

Course Last Reviewed
2021-2022

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