

COURSE DETAIL

PHARMACEUTICAL ANALYSIS

Country

Ireland

Host Institution

University College Cork

Program(s)

University College Cork

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

PHARMACEUTICAL ANALYSIS

UCEAP Transcript Title

PHARMA ANALYSIS

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course gives an introduction to methods of pharmaceutical analysis, which utilizes chromatographic, spectroscopic, and electroanalytical techniques to determine the structure and purity of medicinal compounds. Topics include analytical methods for characterizing pharmaceutical solids, AA Spectroscopy in pharmaceutical analysis, extraction of organic and inorganic analytes from aqueous solution, spectroscopic techniques, and complementary techniques to determine the structure and purity of a pharmaceutical compound.

Language(s) of Instruction

English

Host Institution Course Number

PF2012

Host Institution Course Title

PHARMACEUTICAL ANALYSIS

Host Institution Campus

University College Cork

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

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