

COURSE DETAIL

BUSINESS OF BIOTECHNOLOGY & SCIENCE

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Bioengineering

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

BUSINESS OF BIOTECHNOLOGY & SCIENCE

UCEAP Transcript Title

BUS: BIOTECH & SCI

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces students to the business of biotechnology and to how biotechnology firms capture and create value. The course starts with a case study in which the basic concepts used in the business of biotechnology are introduced. The first lecture is followed by lectures that address theoretical concepts that allow a structured study of the business of biotechnology. Students build a theory of the business (following Donaldson) and discuss theories of innovation (Rogers, Kano, Schumpeter, etc.), and the cognitive theory of the firm (Nooteboom). Students also discuss the products derived from industrial biotechnology research and development with a special focus on biotherapeutics and their development process.

Language(s) of Instruction

English

Host Institution Course Number

BMOL40120

Host Institution Course Title

BUSINESS OF BIOTECHNOLOGY & SCIENCE

Host Institution Campus

UC Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biomolecular and Biomedical Science

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