Biochemical Engineering

Biochemical Reaction Engineering (BENG0024)

Description
This course provides the Biochemical Engineering students with the necessary knowledge of the fundamentals of reaction engineering, reactor design and operation with special emphasis on biocatalytic processes.

Intended learning outcomes
Upon completion of the course, a student should be able to:

- Describe biocatalyst kinetics for homogeneous and heterogeneous enzyme reactions
- Understand the performance of ideal and non-ideal reactors
- Calculate productivity and yield of chemical and biocatalytic reactions in batch, continuous and plug flow reactors

Key information

Year: 2018/19
Credit value: 15 (150 study hours)
Delivery: UG L6, Campus-based
Reading List: View on UCL website
Tutor: Prof Nicolas Szita
Term: Term 1
Timetable: View on UCL website

Assessment

- Written examination (main exam period): 80%
- Coursework: 20%
- Coursework: 100%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.