

## 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**

<b>Year</b>	2018/19
<b>Credit value</b>	15 (150 study hours)
<b>Delivery</b>	UG L6, Campus-based
<b>Reading List</b>	<a href="#">View on UCL website</a>
<b>Tutor</b>	<a href="#">Prof Nicolas Szita</a>
<b>Term</b>	Term 1
<b>Timetable</b>	<a href="#">View on UCL website</a>

**Assessment**

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**Find out more**

For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](http://ucl.ac.uk)