

Industrial Biotechnology

Glasgow Clyde College

Venues

Langside Campus

Content

Industrial Biotechnology uses living organisms and systems to turn "waste" (vegetable into a wide range of products. For example: whisky waste into biofuels; vegetable peelings into concrete, plastics, and carbon-fibre skateboards; stale bread into penicillin.

Year 1 includes:

Biotechnology: An Introduction; Microbiology; DNA and Genetics; Chemical Engineering Principles; Chemistry; Laboratory Skills.

Year 2 includes:

Supervised Laboratory Research; Aromatic Chemistry; Animal and Plant Cell Culture; Base-catalysed and Organometallic Chemistry; Protein Structure and Function; Microbiological Techniques.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

1 year

Department

Science

Entry Requirements

Higher Biology or Human Biology and Chemistry plus English and Maths at National 5 at A or B; or Foundation Apprenticeship

in science at SCQF Level 6; or an NC or NQ Level 6 science based course. Interview.

You may enter year 2 of the HND if you have a relevant 15-credit HNC, please provide details of your HNC including a list of the completed units in your application.

SCQF Level

8

Progression Routes

3rd year entry to a range of science degrees at Strathclyde University.

2nd or 3rd year entry to a range of relevant degree courses at other universities.

Employment in related industry.

Address

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Website

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