

Industrial Biotechnology

Glasgow Clyde College

Venues

Langside Campus

Content

The Life Science and Industrial Biotechnology sector is growing rapidly, and this two-year HDN Industrial Biotechnology course provides the skills and knowledge to be a part of it. Designed collaboratively by research companies including GSK, Ingenza, Diageo and IBioIC, it combines a strong focus on microbiology and molecular biology with the chemistry and analytical skills that are currently sought after in the industry.

It covers a wide spectrum of subjects to equip you with a broad understanding of biology, chemistry and process engineering in an industrial biotechnology context, and builds upon your knowledge of Higher Biology and Chemistry to develop deep scientific knowledge and practical skills for your future.

Year 1 includes:

Biotechnology: an introduction; Microbiology; DNA and genetics; Chemistry; Laboratory skills for science industries.

Year 2 includes:

Research project; Aromatic chemistry; Base-catalysed and organometallic chemistry; Animal and plant cell culture; Chemical engineering principles; Protein structure and function; DNA molecular techniques
Microbiological techniques.

Start Date

August

Qualification

HND

Study Method

Full time

Course Length

2 years

Department

Science

Entry Requirements

Higher Biology (or Human Biology) or Chemistry (Foundation Apprenticeship Scientific Technologies is accepted in place of Higher Chemistry) plus National 5 English and Maths at A or B; or NQ Applied Science (Level 6); or other relevant national qualifications at SCQF Level 6. 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

SCQF Points

«SCQFPoints»

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

Address

«Address»

Website

www.glasgowclyde.ac.uk