

FACULTY OF SCIENCE

STRATHCLYDE INSTITUTE OF PHARMACY AND BIOMEDICAL SCIENCES

INDUSTRIAL BIOTECHNOLOGY

Master of Science in Industrial Biotechnology
Postgraduate Diploma in Industrial Biotechnology
Postgraduate Certificate in Industrial Biotechnology

These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

Mode of Study

3. The programme is available by full-time and part-time study.

Curriculum

4. All students shall undertake an approved curriculum as follows:
 - i. for the Postgraduate Certificate no fewer than 60 credits
 - ii. for the Postgraduate Diploma no fewer than 120 credits
 - iii. for the degree of MSc no fewer than 180 credits including the project.

Compulsory Modules

Module Code	Module Title	Level	Credits
BM923	Bioprocessing	5	20
BM924	Applied Biocatalysis	5	20
BMXXX	Introduction to Engineering Biology for Industrial Biotechnology	15	20
CS989	Big Data Fundamentals	5	10
CSXXX	Introduction to Bioinformatics	5	10
EX956	Downstream Processing	5	10
BM954	SIPBS MSc Research Project*	5	60

*For the degree of MSc only

Optional Modules

At least 30 credits to be chosen from the below list. Not all optional modules on this list will be available in each academic year.

Module Code	Module Title	Level	Credits
EX963	Delivering the Circular Economy and the Bioeconomy	5	20
EX929	Blue Biotechnology	5	20
EX940	Renewable Energy Technologies	5	20
EF931	Project Management	5	10
CL994	Circular Economy and Transformations Towards Sustainability	5	10
EX957	Understanding the Regulatory Environment of Bioprocessing Industries	5	10
EX958	Food Commodities and Sustainability	5	10
EX959	Food Microbiology and Biotechnology	5	10
Z1931	Entrepreneurship, Innovation and Commercialization	5	10

Examination, Progress and Final Assessment

- See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
- The final award will be based on performance in the written examinations and the coursework.

Award

- Degree of MSc:** In order to qualify for the award of the degree of MSc in Industrial Biotechnology, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the project BM954.
- Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Industrial Biotechnology, a candidate must have accumulated no fewer than 120 credits from the modules of the programme.
- Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Industrial Biotechnology, a candidate must have accumulated no fewer than 60 credits from the modules of the programme.