

Programme Regulations: 2026/27

Programme Title: MSc Data Science and Industrial Biotechnology

Code: 5547F

Notes

- (i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.
- (ii) A core module for outcomes is a module which a student must pass.
- (iii) A core module for PSRB accreditation is a module a student is required to obtain accreditation
- (iv) A compulsory module is a module which a student is required to study.
- (v) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.

1. Programme Structure

- (a) The programme is available for study in full-time mode only.
- (b) The period of study for full-time mode shall be 1 year starting in September.
- (c) The programme comprises modules to a credit value of 180.
- (d) All candidates shall take the following compulsory modules:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Core for PSRB	Core for outcomes	Mode
DSC8001	Data Visualisation and Data Handling	20	20			7		N	N	Linear
DSC8002	Programming and Machine Learning	20	20			7		N	N	Linear
DSC8003	Foundations of Data Science	20	20			7		N	N	Linear
DSC8004	Data Science Skills	20		20		7		N	N	Linear
DSC8013	Data Driven Analysis for Industrial Bioscience	20		20		7		N	N	Linear
DSC8014	Hypothesis Data Analysis	20		20		7		N	N	Linear

- (e) All candidates shall take one project module from the following:

Code	Descriptive title	Total Credits	Credits Sem 1	Credits Sem 2	Credits Sem 3	Level	Type	Core for PSRB	Core for outcomes	Mode
DSC8101	Case Study Project in Applied Data Science	60			60	7		N	N	Linear

DSC8102	Individual Project in Applied Data Science	60			60	7		N	N	Linear
DSC8103	Industrial Biosciences Project Module	6			60	7		N	N	Linear

With the approval of the Degree Programme Director and depending upon the academic background of the candidate, alternative optional modules to those listed above may be selected.

2. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

3. Other

With the approval of the Degree Programme Director and subject to satisfying the individual programme entry criteria, candidates may be permitted to transfer to another programme in the MSc Data Science suite at the end of semester 1.