

FACULTY OF SCIENCE AND HEALTH

Programme Regulations 2019-2020

Programme Title BSc in Biotechnology

Programme Code BT

Offered on a full-time or part-time basis Full-time

Note: Programme Regulations should be read in conjunction with Marks and Standards which can be found at <http://www.dcu.ie/registry/examinations/index.shtml>

1. Programme Specific Rules and Requirements

1.1 Calculation for the Award Classification

The calculation of the final year award classification includes contributions from previous years' results as follows:

<i>Year/Subject contribution</i>	<i>Contribution to the award classification</i>
Year 3	20%, calculated using Semester 1 modules only
Year 4	80%

1.2 Monitored Attendance

Attendance is monitored on the following modules:

<i>Module Code</i>	<i>Module Title</i>
BE151	Practical Biology
CS151	Chemistry Laboratory
PS153	Physics Laboratory for General Science
BE205	Statistics
BE257	Scientific Literature
BE261	Practical Biochemistry Laboratory
BE262	Practical Microbiology & Genetics Laboratory
BE272	Bioprocessing & Instrumentation Laboratory

BE371	Bioprocess Engineering Laboratory
BE380	Gene Cloning, Protein Expression & Purification
FSH302	Industry and Career Related Assignments
IN312*	INTRA BT
IN303*	INTRA Alternative
BE451	Bioprocessing Laboratory
BE454	Advanced Bioanalysis Laboratory
BE489	Literature Review and Experimental Design
BE492	Research Project

*IN303 15 credits / IN312 30 credits

1.3 *Module Calculation*

There are modules on this programme where the module mark will be calculated as the greater of (a) the weighted average of the continuous assessment percentage mark and the terminal examination percentage mark or (b) the terminal examination mark.

The modules are as follows:

<i>Module Code</i>	<i>Title</i>
BE101	How life works 1
CS101	Introductory Chemistry 1
MS123	Mathematics for Scientists 1
PS122	Physics For General Science I
BE102	How life works 2
CS102	Introductory Chemistry 2
MS124	Mathematics for Scientists 2
PS123	Physics For General Science II
BE201	Biomolecules and Metabolism
BE224	Bioprocess Engineering Principles
BE230	Cell Structure and Function
BE321	Downstream Processing
BE323	Advanced Cell Biology
BE420	Bioreaction Engineering

2. **Derogations from Marks and Standards**

Marks and Standards apply.

3. **Progression**

3.1 *Credits for progression*

Students must have successfully completed a minimum of 60 credits in a study period in order to progress to the next study period.

3.2 *Carrying of modules*

Students will not be permitted to 'carry' modules under any circumstances.

4. Compensation

Compensation may apply, within the regulations specified in Marks and Standards, to all modules except the following:

<i>Module Code</i>	<i>Module Title</i>
BE151	Practical Biology
CS151	Chemistry Laboratory
PS153	Physics Laboratory for General Science
BE257	Scientific Literature
BE261	Practical Biochemistry Laboratory
BE262	Practical Microbiology & Genetics Laboratory
BE272	Bioprocessing and Instrumentation Laboratory
BE332A	Environmental Biotechnology
BE380	Gene Cloning, Protein Expression and Purification
CS306A	Regulation and Data Analysis
FSH301A	Environmental Monitoring & Forensic Biology
IN312	INTRA BT
IN303	INTRA Alternative
FSH302	INTRA - Industry & Career Related Assignments
BE371	Bioprocess Engineering Laboratory
BE416	Commercial Biotechnology & Biopharma
BE451	Bioprocessing Laboratory
BE454	Advanced Bioanalysis Laboratory
BE489	Literature Review and Experimental Design
BE492	Research Project

5. Resit Categories

The resit categories of modules on this programme and an explanation of those categories can be found at:

https://www101.dcu.ie/registry/module_contents.php?function=4&programme=BT