Programme Regulations: 2022/23

Programme Titles:

Degree of Bachelor of Science with Honours in Biology - UCAS Code: C100

Degree of Bachelor of Science with Honours in Biology with Placement Year - Code: 1143U

Degree of Master of Biology with Honours in Biology – UCAS Code: C103

Degree of Master of Biology with Honours in Biology with Placement Year – Code: 1140U

Degree of Bachelor of Science with Honours in Biology with Study Abroad – Code 1573U

Notes

(i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations.

(ii) All optional modules are offered subject to the constraints of the timetable and to any restrictions on the number of students who may be taught on a particular module. Not all modules may be offered in all years and they are listed subject to availability.

(iii) A compulsory module is a module which a student is required to study.

(iv) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.

1. Stage 1

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO1020	Genetics and Evolution	20		20	4	
BIO1021	Diversity of Life: Form and Function	20	10	10	4	
BIO1022	Ecology and Conservation	20	20		4	
BIO1023	Cells and Biomolecules	20	20		4	
MST1204	Academic and Professional Skills for the Biosciences	20	10	10	4	

(b) All candidates shall take 20 credits of optional module from the following list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
ACE1022	Crop Pests	10		10	4	
ACE1044	Introduction to Animal Physiology	10		10	4	
ACE1042	Animal Health	10		10	4	
ACE1057	Natural Science Research Impact	10		10	4	
CHY1610*	Introduction to Scientific Computing for Chemists	10		10	4	
MST1203	The Marine Environment	20		20	4	

MST1206	Marine Microbiology and Primary Producers	20		20	4	
BIO1024	UK Wildlife	10		10	4	

*Requires A Level Chemistry

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

2. Stage 2

(a) All candidates shall take the following compulsory module:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO2020	Experimental Design and Statistics	10	10		5	

(b) In consultation with the Degree Programme Director, candidates will take optional modules to the value of 110 from the following list. Students may opt to select modules from a specific recommended route and modules for which are indicated:

(i) Recommended optional modules for students wishing to base their stage 2 on Ecology are denoted with E in the subject column
(ii) Recommended optional modules for students wishing to base their stage 2 on General Biology are denoted with G in the subject column
(iii) Recommended optional modules for student wishing to base their stage 2 on Molecular Biology are denoted with M in the subject column

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*	*Subject*
ACE2031	Animal Parasitology	10		10	5		E, G, M
ACE2061	Site Management and Communication Skills	20	10	10	5		E
ACE2077	Sustainable Solutions	10	10		5		E, G, M
BIO2003*	Field Identification Skills	10	10		5		E, G
BIO2013	Animal Behaviour	10	10		5		G
BIO2018	Pollution of Air, Water and Soil	10	10		5		E, G, M
BIO2023	Microbial Biochemistry	20	20		5		G, M
BIO2028	Biodiversity, Ecology and Conservation	20		20	5		E, G
BIO2030	Biotechnology: Principles and Practice	20		20	5		G, M
BIO2034	Animal Function (Physiology and Development)	20	20		5		G, M
BIO2035	Plant Biology	20	20		5		E, G, M
BIO2036	Molecular Evolution and Systematics	20		20	5		E, G, M
BIO2037	Insect Biology and Origins	20	20		5		E, G
BIO2040	Field Based Ecology: designing experiments, and residential field course.	20		20	5		

BIO2041	Vertebrate Biology	10		10	5		E, G
CEG2607	Geomicrobiology	10		10	5		E, G, M
MST2201	Ecology of Marine Systems	20	20		5		E, G
MST2202	Applied Marine Biology	20		20	5		E, G, M
PSY2007	Biological Psychology: Sex, Drugs, Rhythms and Blues	10		10	5		G, M

*BIO2003 takes place prior to Stage 2.

(c) With the approval of the Degree Programme Director, an alternative optional module to those listed above may be selected with a total value of not more than 20 credits. In particular, the following module may be selected without the need for DPD approval:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*
NCL2007	Career Development for second year students	20	10	10	5

For Master of Biology candidates: To progress to Stage 3 candidates are required to obtain an average over all modules taken at Stage 2 of at least 60 at the first attempt.

3. Intercalating Year – BSc Candidates only

(a) Careers Placement (1140U / 1143U)

On completion of Stage 2 and before entering Stage 3, BSc candidates may as part of their studies for the degree spend a year at an approved institution. Permission to undertake the intercalating year is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 2 assessment must delay the start of their intercalating year until they have done so. Students who fail Stage 2 may not complete an intercalating year.

All Careers Placement candidates shall take the following compulsory module:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NCL3000	Career Service Placement Year Module	120	60	60	6	

(b) International Study Year (1573U)

On completion of Stage 2 and before entering Stage 3, candidates may spend the equivalent of one academic year abroad at an appropriate exchange partner institution. Permission to undertake a year abroad is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 2 assessment must delay the start of their year abroad until they have done so. Students who fail Stage 2 may not complete a year abroad.

All International Study Year candidates shall take the following compulsory module:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
ISY3000	International Study Year Module	120	60	60	6	

If a pass mark is obtained, in addition to a student meeting the criteria for the BSc in Biology, then the degree of BSc Biology with Study Abroad will be awarded. Failure to pass the Study Abroad year will result in the candidate being transferred to the BSc (Hons) Biology award.

4. Stage 3

(a) All candidates shall take the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO3052	Global Challenges in Plant Science Research	20		20	6	
BIO3199	Biological Project Dissertation	40	30	10	6	

(b) All candidates shall take one of the following modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO3039	Biodiversity Science and Management	*20*		*20*	*6*	
BIO3040	Current Research in Ecology	*20*	*20*		*6*	
BIO3053	Current Research in Plant and Microbial Biology	*20*	*20*		*6*	

(b) Candidates shall take 40 credits of optional modules from the following list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO3036	Mammal Surveying Skills	10	10		6	Block
BIO3042	Biotechnology: Applications	20		20	6	
BIO3049	Biological Modelling	20		20	6	
BIO3050	Physiological Zoology	20		20	6	
BIO3051	Microbial Genomics	20		20	6	
MST3201	Advanced Marine Research Topics I	20	20		6	
SUG3500	Creativity, Innovation and Market Research in Science and Engineering UG	10	10		6	

With the approval of the Degree Programme Director, alternative optional modules to those listed above may be selected.

For Master of Biology candidates only: To progress to Stage 4 candidates are required to obtain an average over all modules taken at Stage 3 of at least 60 at the first attempt.

5. Year 4 (Placement Year) MBiol Candidates Only

On completion of Stage 3 and before entering Stage 4, MBiol candidates may as part of their studies for the degree spend a year in a placement with an approved organisation. Permission to undertake a placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 3 assessment must delay the start of their placement until they have done so. Students who fail Stage 3 may not complete a placement year.

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
NCL3000	Career Service Placement Year Module	120	60	60	6	

6. Stage 4

(a) All candidates shall take one of the following compulsory modules:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO8196	Research Project	60		60	7	
BIO8197	Research project	60	30	30	7	

(b) All candidates shall take 60 credits of optional modules normally selected from the following list:

Code	*Descriptive title*	*Total Credits*	*Credits Sem 1*	*Credits Sem 2*	*Level*	*Mode*
BIO8005^	Global challenges: biotech solutions	20		20	7	Block
BIO8043*	Practical Techniques in Molecular Biology	20	20		7	
BIO8044	Biotechnology: Advanced Topics	20	20		7	
BIO8076&	Applied Bioinformatics	20		20	7	Block
BIO8054&	Management of Wildlife Disease and Epidemiology	10		10	7	Block
BIO8062^	Global Species Conservation Principles and Practice	10		10	7	Block
BIO8063&	Invasive Species	10		10	7	Block
BIO8064*	Wildlife Conflicts and Management	10	10		7	Block
BIO8069	Geographical Information systems and Remote Sensing	20		20	7	Block
MMB8003	The Biological Study of Behaviour	20	20		7	
NES8010	Quantitative Ecological Research Methods	20	20		7	Block

* Candidates can only take one of BIO8043 / BIO8064

^ Candidates can only take one of BIO8005 / BIO8062

& Candidates choosing either BIO8054 and/or BIO8063 cannot take BIO8076

Module selection at stage 4 is subject to timetabling. Similarly, alternative optional modules to those listed above may be selected but only with the approval of the Degree Programme Director.

7. Assessment methods

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

8. Degree classification

BSc candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2 and 3 with the weighting of the stages being 1:3 for Stage 2 and Stage 3 respectively.

MBiol candidates will be assessed for degree classification on the basis of all the modules taken at Stages 2, 3 and 4 with the weighting of the stages being 1:2:3 for Stages 2, 3 and 4 respectively.