

Programme Regulations: 2022/23

Programme Titles:

Degree of Bachelor of Science with Honours in Applied Plant Science – UCAS Code: C211

Degree of Bachelor of Science with Honours in Applied Plant Science with Placement Year – Code: 1312U

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) *A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module. A final stage module cannot be deemed to be core.*
- (v) *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:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE1008	Environment and Land Resources	10	10		4	
ACE1022	Crop Pests	10		10	4	
ACE1040	Academic and Professional Skills	20	10	10	4	
ACE1041	Agri-Food Supply Chains	20	10	10	4	
BIO1020	Genetics and Evolution	20		20	4	
BIO1022	Ecology and Conservation	20	20		4	

- (b) All candidates shall select optional modules to the value of 20 credits from the following list:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE1046	Plants, Environment, Agriculture	10		10	4	
ACE1055	Introduction to Agricultural Mechanisation	10	10		4	
ACE1057	Natural Science Research Impact	10		10	4	
BIO1021	Diversity of Life: Form and Function	20	10	10	4	
BIO1023	Cells and Biomolecules	20	20		4	

2. Stage 2

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

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE2024	Principles of Agronomy and Crop Improvement	10	10		5	
ACE2069	Dissertation and Research Preparation	10		10	5	
ACE2077	Sustainable Solutions	10	10		5	
BIO2003*	Field Identification Skills	10	10		5	
BIO2030	Biotechnology: Principles and Practice	20		20	5	
BIO2035	Plant Biology	20	20		5	

*BIO2003 takes place prior to Stage 2.

(b) All candidates shall select optional modules to the value of 40 credits from the following list

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE2018	Arable Crops	10		10	5	
ACE2063	Managing Soils in Agri-Environment	10	10		5	
BIO2018	Pollution of Air, Water and Soil	10	10		5	
BIO2023	Microbial Biochemistry	20	20		5	
BIO2028	Biodiversity, Ecology and Conservation	20		20	5	
BIO2037	Insect Biology and Origins	20	20		5	

3. Year 3 (Intercalating Year) – 1312U only

On completion of Stage 2 and before entering Stage 3, 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 2 assessment must delay the start of their placement until they have done so. Students who fail Stage 2 may not complete a placement year.

All intercalating students shall take the following compulsory module:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
NCL3000	Career Service Placement Year Module	120	60	60	6	

4. Stage 3

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

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE3034	Applied Crop Protection	10	10		6	

ACE3037	Crop Pests Field Course	10	10		6	
ACE3908	Dissertation	30	15	15	6	
BIO3052	Global Challenges in Plant Science Research	20		20	6	

(b) All candidates shall take 70 credits of optional modules from the following:

<i>Code</i>	<i>Descriptive title</i>	<i>Total Credits</i>	<i>Credits Sem 1</i>	<i>Credits Sem 2</i>	<i>Level</i>	<i>Mode</i>
ACE3210	Your Future – Occupational Awareness	10		10	6	
ACE3023	Combinable Crops	20	10	10	6	
ACE3088	Forage Utilization	10		10	6	
ACE3909	Precision Agriculture incorporating Non-Combinable Crops	20	10	10	6	
BIO3040	Current Research in Ecology	20	20		6	
BIO3042	Biotechnology: Applications	20		20	6	
BIO3053	Current Research in Plant and Microbial Biology	20	20		6	
BIO3049	Biological Modelling	20		20	6	
BIO3051	Microbial Genomics	20		20	6	
NCL3007	Career Development for Final Year Students	20	10	10	6	
SUG3001	Science Communication for Sustainable Development	10	10		6	

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

5. Assessment methods

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

6. Degree classification

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.