

BSC (HONS) APPLIED PLANT BIOLOGY

Programme Requirements

Code	Title	Credits
Year 1		
Students take 60 credits as follows:		60
<i>Core Modules</i>		
CK402 (https://ucc-ie-public.courseleaf.com/programmes/bscbf/)		
or		
CK404 (https://ucc-ie-public.courseleaf.com/programmes/bscr/)		
Year 2		
Students take 60 credits as follows:		
<i>Core Modules</i>		
AE2001	Fundamentals of Ecology	5
AE2007	Ecological Fieldwork and Analysis	10
BL2001	Plant and Animal Genetics	5
GS2002	The Evolving Earth	5
MB2905	Fundamentals of Microbiology	5
MB2906	Principles of Microbiology	5
PS2001	Introduction to Plant Biotechnology	5
PS2002	Ecological Plant Physiology	5
PS2003	Plant Identification	5
ST2001	Introduction to Biostatistics	5
ZY2005	Invertebrate Diversity	5
Year 3		
Students take 60 credits as follows – all listed core modules (55 credits) and 5 credits of elective modules:		
<i>Core Modules</i>		
AE3022	Habitat Assessment	5
BL3003	Conservation Biology	5
GS3007	Evolution 1 – Plant and Animal Evolutionary Origins	5
MB3005	The role and ecology of microbes in the environment	5
PS3003	Plant Science Literature Review	5
PS3012	Plants and Hostile Environments	5
PS3019	Bioactive Natural Products	5
PS3020	Plant Biology Field Course	10
PS3021	Plant Science Practical Skills	5
ST3001	Biostatistics I	5
<i>Elective Modules</i>		
Students take modules to the value of 5 credits from the following:		5
BL3008	Evolution 2 – Diversity and Extinction (5)	
FE3018	Agriculture and Natural Resource Use in the Developing World (5)	
GG3041	Environmental Remote Sensing (5)	
GS3005	Palaeontology (5)	
Year 4		
Students take 60 credits as follows – all listed core modules (50 credits) and 10 credits of elective modules:		
<i>Core Modules</i>		

BL4001	Research Project	15
BL4004	Frontiers in Biology	5
BL4006	Sustainable Food Production	5
PS3019	Bioactive Natural Products	5
PS4006	Sustainable Plant Biotechnology with New Genomic Techniques	5
PS4021	Sustainable Plant Pest and Disease Management	5
PS4024	Crop Physiology and Climate Change	5
ST4001	Biostatistics II	5

Elective Modules

Students take modules to the value of 10 from the following:		10
AE4012	Landscape Conservation and Management (10)	
AE4016	Advanced Ecology and Biogeography (5)	
BL4003	Biological Work Placement (5)	
EV4012	Environmental Impact Assessments (5)	
ZY4021	Evolutionary Ecology (5)	

Total Credits **240**

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.