

# DIPLOMA IN ENVIRONMENTAL AND GEOLOGICAL SCIENCES

## Programme Requirements

**Code Title Credits**

Students take **60** credits from any listed below from the participating schools (subject to timetabling and other constraints):

### Modules from the School of BEES

#### *Environmental Biology and Ecology Area*

AE2001	Fundamentals of Ecology	5
AE2007	Ecological Fieldwork and Analysis	10
BL2001	Plant and Animal Genetics	5
BL3001	Zoology and Ecology Literature Review	5
BL3003	Conservation Biology	5
BL3008	Evolution 2—Diversity and Extinction	5
GS3007	Evolution 1—Plant and Animal Evolutionary Origins	5
PS2002	Ecological Plant Physiology	5
PS2003	Plant Identification	5
PS3008	Physiology of Plants in extreme Environments	5
ZY2000	Vertebrate Diversity	5
ZY2005	Invertebrate Diversity	5
ZY2006	Vertebrate Diversity 2	5
ZY3015	Advanced Vertebrate Biology	5
ZY3019	Adaptations to Extreme Environments	5
ZY3020	Animal Behaviour	5

The following modules are only available to students who have successfully completed three full years at their home institution:

AE4016	Advanced Ecology and Biogeography	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
ZY4021	Evolutionary Ecology	5

#### *Environmental Science Area*

EV1002	Introduction to Environmental Science	5
EV2001	Practical Environmental Science	5
EV2002	The Environment and Human Health	5
EV3017	Freshwater Science	5

The following modules are only available to students who have successfully completed three full years at their home institution:

EV4012	Environmental Impact Assessments	5
EV4019	Applied Environmental Monitoring and Assessment	5

#### *Geological Sciences Area*

GL3006	Geology for Engineers	5
GS3004	Applied Structural Geology	5
GS2001	Dynamic Earth	5
GS2002	The Evolving Earth	5

The following modules are only available to students who have successfully completed three full years at their home institution:

GS4004	Advanced Igneous Processes	5
GS4005	Advanced Palaeobiology	5

### Modules from the School of Microbiology

MB2905	Fundamentals of Microbiology	5
MB2906	Principles of Microbiology	5
MB3005	The role and ecology of microbes in the environment	5
MB3012	Transmission and Epidemiology of Infectious Diseases	5
MB3017	Themes in microbe-host interactions	5

The following module is only available to students who have successfully completed three full years at their home institution:

MB4029	Microbial Diversity and Molecular Ecology	5
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### Modules from the School of Chemistry

CM1003	Introductory Chemistry for Environmental Scientists	10
CM2101	Introductory Organic Chemistry for Environmental Scientists	5
CM3024	Analytical Chemistry	10
CM3104	Environmental Chemistry and Analysis	5

The following modules are only available to students who have successfully completed three full years at their home institution:

CM4026	Advanced Analytical Chemistry Part 1	5
CM4027	Advanced Analytical Chemistry Part 2	5
CM4112	Atmospheric Chemistry and Air Pollution	5

### Modules from the School of Engineering and Architecture

The following modules are only available to students who have successfully completed three full years at their home institution:

CE3009	Environmental Engineering	5
CE4007	Geotechnical Engineering	5
CE4015	Environmental Hydraulics	5
CE4020	Environmental Hydrodynamics	5

## 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*.