

## Programme Regulations 2009/10

### Degree of Bachelor of Science with Honours in Environmental Science

UCAS Code: F850

#### Notes

- (i) *These programme regulations should be read in conjunction with the University's Undergraduate Progress Regulations and Examination Conventions.*
- (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.*
- (v) *Some field classes may take place during vacation periods, so students need to make sure that they will be available.*

#### 1. Stage 1

- (a) Unless otherwise stated modules are not core.
- (b) 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>Type</i> |
|-------------|---------------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| ACE1008     | Environment and Land Resources        | 10                   | 10                   |                      | 4            |             |
| ACE1009     | Environmental Science Issues          | 20                   | 10                   | 10                   | 4            |             |
| ACE1010     | Environment and Land Use Field Course | 10                   |                      | 10                   | 4            |             |
| BIO1003     | Plant Biology 1                       | 10                   |                      | 10                   | 4            |             |
| BIO1006     | Ecology 1                             | 10                   |                      | 10                   | 4            |             |
| GSC1101     | The Global Environmental System       | 20                   | 10                   | 10                   | 4            |             |
| GSC1102     | Earth Surface Materials               | 10                   | 10                   |                      | 4            |             |
| MAS1401     | Statistical Methods                   | 10                   |                      | 10                   | 4            |             |
| MST1007     | Introductory Oceanography             | 10                   | 10                   |                      | 4            |             |
| SVY1002     | An Introduction to GIS                | 10                   | 10                   |                      | 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>Type</i> |
|-------------|---------------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| ACE2014     | Environmental Practice                | 10                   |                      | 10                   | 5            |             |
| ACE2015     | Environmental Science Field Class 2*  | 10                   | 10                   |                      | 5            |             |
| ACE2016     | Soils and the Terrestrial Environment | 20                   | 20                   |                      | 5            |             |

|         |                                     |    |    |    |   |  |
|---------|-------------------------------------|----|----|----|---|--|
| ACE2017 | Environmental Assessment and Design | 10 |    | 10 | 5 |  |
| ACE2032 | Climatic and Environmental Change   | 10 | 10 |    | 5 |  |
| BIO2002 | Biodiversity and Conservation       | 10 |    | 10 | 5 |  |
| LAW2053 | Law and Land Use                    | 10 | 10 |    | 6 |  |

\* During the final week of Semester 2, Stage 1.

- (b) All candidates shall take 40 credits of optional modules normally selected from the following list. **All students must select at least 10 credits from NCL/ BUS career development modules**, which can be taken in either semester :

| <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>Type</i> |
|-------------|--|----------------------|----------------------|----------------------|--------------|-------------|
| ACE1003     | Economics for Business and Marketing                 | 20                   | 10                   | 10                   | 4            |             |
| ACE2003     | Landscape, Culture and Heritage                      | 20                   |                      | 20                   | 5            |             |
| ACE2029     | Agriculture and the Environment                      | 10                   | 10                   |                      | 5            |             |
| BIO1004     | Microbiology 1*                                      | 10                   | 10                   |                      | 4            |             |
| BIO2009     | Ecology of Population and Communities                | 10                   |                      | 10                   | 5            |             |
| BIO2017     | Microbiology 2                                       | 10                   |                      | 10                   | 5            |             |
| BIO2018     | Pollution of Air, Water and Soil 1                   | 10                   | 10                   |                      | 5            |             |
| BUS2011     | Business Enterprise                                  | 20                   | 10                   | 10                   | 6            |             |
| GEO2030     | Land, Water and Development                          | 20                   | 20                   |                      | 5            |             |
| MST2003     | Coastal Management                                   | 10                   |                      | 10                   | 5            |             |
| MST2004     | Marine Pollution                                     | 10                   |                      | 10                   | 5            |             |
| NCL2001     | Career Development for 2 <sup>nd</sup> Year Students | 10                   | 10                   |                      | 6            |             |
| NCL2002     | Career Development for 2 <sup>nd</sup> Year Students | 10                   |                      | 10                   | 6            |             |

\* To be permitted only where studied in conjunction with BIO2017

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

### 3. Year 3 (Intercalating Year)

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.

### 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>Type</i> |
|-------------|--|----------------------|----------------------|----------------------|--------------|-------------|
| ACE3021     | Soil and Vegetation Survey Field Class** | 10                   | 10                   |                      | 6            |             |
| ACE3042     | Sustainability in Theory and Practice    | 10                   | 10                   |                      | 6            |             |
| ACE3064     | Ecosystem Management                     | 10                   |                      | 10                   | 6            |             |
| ACE3067     | Climate Change and Land Use              | 10                   |                      | 10                   | 6            |             |

|         |  |    |    |    |   |  |
|---------|--|----|----|----|---|--|
| ACE3095 | Environmental Science Research Project | 30 | 10 | 20 | 6 |  |
| BIO3022 | Residential Field Course***            | 10 | 10 |    | 6 |  |

\*\* Runs during the final weeks of the summer vacation prior to Stage 3

\*\*\* Runs during Semester 2 of Stage 2, usually after the examination period

- (b) All candidates shall take 40 credits of optional modules normally selected 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>Type</i> |
|-------------|---|----------------------|----------------------|----------------------|--------------|-------------|
| ACE3013     | Rural Environmental Policy Evaluation                 | 10                   | 10                   |                      | 6            |             |
| ACE3016     | Countryside Management                                | 20                   | 10                   | 10                   | 6            |             |
| ACE3017     | Rural Planning, Politics and Society                  | 20                   | 10                   | 10                   | 6            |             |
| ACE3019     | Trees : Ecology, Management and Environmental Impacts | 10                   |                      | 10                   | 6            |             |
| ACE3026     | Land Reclamation                                      | 10                   |                      | 10                   | 6            |             |
| ACE3035     | Sustainable Land Management                           | 10                   | 10                   |                      | 6            |             |
| BIO3002     | Animal Population Dynamics                            | 10                   | 10                   |                      | 6            |             |
| BIO3003     | Ecological Modelling                                  | 10                   | 10                   |                      | 6            |             |
| BIO3012     | Conservation Biology Issues                           | 10                   |                      | 10                   | 6            |             |
| BIO3020     | Bioremediation  | 10                   |                      | 10                   | 6            |             |
| BIO3031     | Pollution of Air, Water and Soil                      | 10                   |                      | 10                   | 6            |             |
| GEO3064     | Research Methods in Environmental Pollution           | 20                   | 20                   |                      | 6            |             |
| GEO3069     | River Management                                      | 10                   | 10                   |                      | 6            |             |
| LAW3015     | Environmental Law                                     | 20                   | 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.