

## Bachelor of Science with Honours Environmental Sciences

### Foundation Year

#### Compulsory

Students must take all modules in this group

Code	Title	Credits	Compensatable	Taught
CELEN036	Foundation Algebra for Sciences and Engineering	10	N	Autumn China
CELEN038	The Scientific Method	10	N	Autumn China
CELEN048	Reading and Writing in Academic Contexts	20	N	Autumn China
CELEN069	Oral Communication Skills A	10	N	Autumn China
CELEN121	Critical, Creative, and Reflective Thinking	10	N	Autumn China
CELEN040	Foundation Chemistry	10	N	Spring China
CELEN052	English in Specific Academic Contexts B (Engineering; Comp Sci; Env'mental Sci & Architecture)	20	N	Spring China
CELEN082	Oral Communication Skills B	10	N	Spring China
CELEN087	Introduction to Mathematical Software and Programming	10	N	Spring China
CELEN091	Reading and Vocabulary Enhancement	10	N	Spring China

**Credit total** 120

### Qualifying Year

#### Compulsory

Students must take all modules in this group

Code	Title	Credits	Compensatable	Taught
GEOG1026	Introduction to GIS	10	Y	Autumn China
GEOG1022	Principles of Ecology	20	Y	Full year China
GEOG1025	Global Environmental Processes	20	Y	Full year China
GEOG1027	Interpreting Environmental Data	20	Y	Full year China
GEOG1028	Research Skills	20	Y	Full year China
GEOG1029	Environmental Science & Society	20	Y	Full year China
GEOG1023	The Digital Earth	10	Y	Spring China

**Credit total** 120

### Part I

#### Compulsory

Students must take all modules in this group

Code	Title	Credits	Compensatable	Taught
BIOS2005	Soils	10	Y	Autumn UK
GEOG2071	Study Skills for Environmental Sciences	10	Y	Autumn UK
GEOG2079	Techniques in Geography (20cr)	20	Y	Full Year UK
BIOS2013	Climate Change Science	10	Y	Spring UK
GEOG2031	Dissertation Preparation	10	Y	Spring UK

**Credit total** 60

### PI - Restricted - Group 1

Students must choose a minimum of 20 credits and a maximum of 40 credits from this group. The module choice should match the intended choice of dissertation topic.

Code	Title	Credits	Compensatable	Taught
GEOG2014	Spatial Decision Making	20	Y	Autumn UK
GEOG2008	Rivers in the Landscape	20	Y	Autumn UK
GEOG2009	Patterns of Life	20	Y	Autumn UK
BIOS2019	Ecosystem Processes	10	Y	Autumn UK
BIOS2101	Forest Ecology and Management (20 Credits)	20	Y	Autumn UK
BIOS2114	The Urban Environment	10	Y	Autumn UK
GEOG2074	The Changing Environment (20 cr)	20	Y	Autumn UK

**Credit total** 120

## PI – Restricted – Group 2

The module choice should match the intended choice of dissertation topic. Students must choose a minimum of 20 credits and a maximum of 40 credits from this group.

Code	Title	Credits	Compensatable	Taught
GEOG2013	Rural Environmental Geography	20	Y	Spring UK
GEOG2021	Earth Observation	20	Y	Spring UK
BIOS2016	Computer Modelling in Science: Introduction (UP)	20	Y	Spring UK
BIOS2075	The Green Planet	20	Y	Spring UK
GEOG2073	Living with Hazards	20	Y	Spring UK
GEOG2080	Monitoring Planetary Boundaries	20	Y	Spring UK

**Credit total** 120

## Additional course choice

Additional course choice should be minimum of 0 and a maximum of 20 credits from this group. In exceptional circumstances students may substitute 20 credits from the restricted groups 1 and 2 with other Geography modules subject to approval from the Course Director. Students cannot take both 10 credit and 20 credit versions of the same module.

## Part II

### Compulsory

Students must take all modules in this group

Code	Title	Credits	Compensatable	Taught
GEOG3004	Dissertation	40	Y	Full Year UK

**Credit total** 40

## PII - Restricted - Group 1

Students must take a minimum of 20 credits and a maximum of 40 credits from this group.

Code	Title	Credits	Compensatable	Taught
BIOS3026	Environmental Biotechnology	10	Y	Spring UK
BIOS3036	Computer Modelling in Science: Applications	20	Y	Autumn UK
BIOS3041	Palaeobiology	10	Y	Spring UK
BIOS3049	Environmental pollutants: fate, impact and remediation.	20	Y	Full Year UK
BIOS3102	Sustainable Soil Management	10	Y	Spring UK
BIOS3103	Climate Change Mitigation	10	Y	Spring UK

**Credit total** 80

## U6UESNIN - PII - Restricted Group 2

Students must take a minimum of 40 and a maximum of 60 credits from this group.

Code	Title	Credits	Compensatable	Taught
GEOG3015	Freshwater Management	20	Y	Spring UK
GEOG3022	Geospatial Technologies: Mobile, Augmented and Virtual	20	Y	Spring UK
GEOG3028	Environmental Modelling	20	Y	Spring UK
GEOG3055	Advances in Remote Sensing	20	Y	Autumn UK
GEOG3057	Tropical Environments in the Anthropocene	20	Y	Spring UK
GEOG3060	Third Year Geography Fieldcourse	20	Y	Full Year UK
GEOG3062	Global Climate Change	20	Y	Autumn UK
GEOG3067	Beer: Environment, Place and Culture	20	Y	Autumn UK
GEOG3069	Extreme Environments	20	Y	Spring UK

**Credit total** 180

### Additional course choice

Additional course choice should be minimum of 0 and a maximum of 20 credits from this group. In exceptional circumstances and with the approval of the Course Director students may substitute up to 20 credits from the restricted group with other level 3 modules from within Geography or exceptionally from outside the School.