

# Atmospheric & Climate science

## 2<sup>nd</sup> year

EART29200	<a href="#">Professional Development and Project Preparation</a>
EART22001	<a href="#">Environmental Modelling</a>
EART23001	<a href="#">Atmospheric Physics and weather</a>
EART27001	<a href="#">Environmental Chemistry 1: Water-Solid-Air Interactions</a>
EART27102	<a href="#">Field Course: Environmental Science</a>
EART28002	<a href="#">Environmental Chemistry 2: Biogeochemical Cycles</a>
EART29102	<a href="#">Geospatial Techniques</a>
EART29002	<a href="#">Environmental Enterprise</a>
EART21202	<a href="#">Global Climate Change</a>

### **Options (3 of the following; two in semester 1, one in semester 2):**

EART22101	<a href="#">Evolution and Palaeobiology</a>
EART23101	<a href="#">Exploring the Solar System</a>
EART25001	<a href="#">Ecology and Conservation</a>
EART27201	<a href="#">Sedimentary Rocks and Fossils</a>
EART21102	<a href="#">Environmental Microbiology</a>
EART28202	<a href="#">Structural Geology</a>
BIOL21202	Plants for the Future
EART23202	<a href="#">Interpreting the Stratigraphic Record: From Surface to Subsurface*</a>
10 credits	One UCIL unit

*\*If chosen, students should also choose EART27201 Sedimentary Rocks and Fossils.*

## 3<sup>rd</sup> year

EART31000	<a href="#">Communicating Science</a>
EART35302	<a href="#">Field Course: Integration of Environmental Investigations, Tenerife</a>
EART32000	<a href="#">Atmospheric Science Research Project</a>
EART37202	<a href="#">Remote sensing of Atmospheres</a>
EART35001	<a href="#">Atmospheric Composition</a>
EART36002	<a href="#">Climate and Energy: Past, Present and Future</a>
EART31201	<a href="#">Meteorology and Forecasting</a>

### **Options (3 of the following; max 1 option in semester 2):**

EART38202	<a href="#">Resource Projects: Life Cycles, Risk Analysis, Decision Making and Case Studies</a>
EART33001	<a href="#">Analytical Techniques in Earth and Environmental Sciences</a>
EART34102	<a href="#">Geoenergy</a>
EART39001	<a href="#">Environmental Challenges: Air Pollution in Major Cities</a>
EART31101	<a href="#">Environmental Challenges: Arctic Climate Warming</a>
EART33102	<a href="#">Environmental Challenges: Waste Disposal</a>
EART32102	<a href="#">Environmental Challenges: Arsenic Contamination in Asia</a>
BIOL31551	Human Impacts on the Biosphere
BIOL31541	Living with Climate Change
EART39102	<a href="#">Meteorology and Atmospheric Physics**</a>
10 credits	One UCIL unit

\*\* With suitable pre-requisites (by special discussion)

EART36202	<a href="#">Primate Evolution and Human Origins</a>
BIOL31511	Biotic interactions
BIOL31392	Evolution of Genes, Genomes, and Systems
BIOL31471	Advanced Behavioural and Evolutionary Ecology
10 credits	One UCIL unit

## MEnvSci (All pathways)

**2<sup>nd</sup> and 3<sup>th</sup> year:** Same as regular BSC programmes

### 4<sup>th</sup> Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Environmental Science

## MEnvSci (All pathways) with Industrial Experience

**2<sup>nd</sup> year:** Same as regular BSC programmes

### 3<sup>th</sup> year

EART3XXXX	Core Environmental Science
EART3XXXX	Placement in industry

### 4<sup>th</sup> Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Environmental Science

## MEnvSci (All pathways) with International Study

**2<sup>nd</sup> year:** Same as regular BSC programmes

### 3<sup>th</sup> year

EART3XXXX	Study at University Abroad
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### 4<sup>th</sup> Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Environmental Science

## MEnvSci (All pathways) with a Research Placement

**2<sup>nd</sup> year:** Same as regular BSC programmes

### 3<sup>th</sup> year

EART3XXXX	Core Environmental Science
EART3XXXX	Year in Research

### 4<sup>th</sup> Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Environmental Science