Degree Programme	**BSc and MEnvSci Environmental Science**
Pathway:	**Atmospheric and Climate Science**
Academic year of study:	**2026/27**
Document link:	If you are reading a printed version of this document you should check http://documents.manchester.ac.uk/display.aspx?DocID=44096 to ensure that you have the most up to date version.
Contact:	If you have any questions about this structure, please contact sonstimetables.student@manchester.ac.uk

First Year		
All First Year Students have a combined 1st year schedule of compulsory units as below. You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
EART11101	Understanding the Earth I	20 Credits
EART11102	Understanding the Earth II	20 Credits
EART11201	The Natural Scientist's Toolkit I	20 Credits
EART11202	The Natural Scientist's Toolkit II	20 Credits
EART11301	Practical and Professional Skills I	20 Credits
EART11302	Practical and Professional Skills II	20 Credits
EART11111	Welcome Week Activity	0 Credits
EART10020	PASS	0 Credits

Second Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
Programme core units		
EART29200	Professional Development and Project Preparation	10 credits
EART22001	Environmental Modelling	10 credits
EART25001	Ecology and Conservation	10 credits
EART21202	Global Climate Change	10 credits
EART29002	Environmental Enterprise	10 credits
EART27102	Field Course: Analysing Environmental Field Data	10 credits
Pathway core units		
EART23001	Atmospheric Physics and weather	10 credits
EART27001	Environmental Chemistry 1: Water-Solid-Air Interactions	10 credits
EART28002	Environmental Chemistry 2: Biogeochemical Cycles	10 credits
EART29102	Geospatial Techniques	10 credits
Optional Units You must select TWO of the following optional units.		
EART26001	Energy and Resources	10 credits
EART26201	Principles of Geochemistry	10 credits
EART22101	Evolution and Palaeobiology	10 credits
EART27201	Sedimentary Rocks and Fossils	10 credits
BIOL21202	Plants for the Future	10 credits
You may also choose up to 20 credits max – UCIL or Language unit**		
Note that BIOL and UCIL units may clash with EART units and we cannot guarantee that this can be avoided		

PLEASE NOTE:

When selecting your course units you must ensure you enrol on:

- 120 credits in total (including any core units)
- A minimum of 50 credits per semester
- A maximum of 70 credits per semester

Third Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
Programme core units		
EART32000	Independent Project in Environmental Science	30 credits
EART31001	Communicating Science	10 credits
Pathway core units		
EART37202	Remote sensing of Atmospheres	10 credits
EART35302	Field Course: Integration of Environmental Investigations, Tenerife	10 credits
EART35001	Atmospheric Composition	10 credits
EART36002	Climate and Energy: Past, Present and Future	10 credits
EART31101	Environmental Challenges: Arctic Climate Warming	10 credits
Optional Units You must select THREE of the following optional units.		
EART38202	Resource Projects: Life Cycles, Risk Analysis, Decision Making and Case Studies	10 credits
EART33001	Analytical Techniques in Earth and Environmental Sciences	10 credits
EART34102	Geoenergy	10 credits
EART39001	Environmental Challenges: Air Pollution in Major Cities	10 credits
EART31101	Environmental Challenges: Arctic Climate Warming	10 credits
EART33102	Environmental Challenges: Conventional and Nuclear Waste Disposal	10 credits
EART32102	Environmental Challenges: Arsenic Contamination in Asia	10 credits
BIOL31541	Living with Climate Change	10 credits
You may also choose up to 20 credits max – UCIL or Language unit* ** Note that BIOL and UCIL units may clash with EART units and we cannot guarantee that this can be avoided		

PLEASE NOTE:

When selecting your course units you must ensure you enrol on:

- 120 credits in total (including any core units)
- A minimum of 50 credits per semester
- A maximum of 70 credits per semester

MEnvSci (All pathways)

2nd and 3rd year: Same as regular BSC programmes

Fourth Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and environmental science field course	15 credits
EART40031	Advanced science communication	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units Select 15 credits from the following		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART40120	Elective in Environmental Sciences	15 credits

† Available to all except those who completed the unit at undergraduate level

MEnvSci with Industrial Experience (All pathways)

2nd year: Same as regular BSc programmes
3rd year: EART39990 Placement in industry

Fourth Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and environmental science field course	15 credits
EART40031	Advanced science communication	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units Select 15 credits from the following		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART40120	Elective in Environmental Sciences	15 credits

† Available to all except those who completed the unit at undergraduate level

MEnvSci with International Study (All pathways)

2nd year: Same as regular BSc programmes
3rd year: EART39950 Study at University Abroad

Fourth Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and environmental science field course	15 credits
EART40031	Advanced science communication	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units Select 15 credits from the following		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART40120	Elective in Environmental Sciences	15 credits

† Available to all except those who completed the unit at undergraduate level

MEnvSci with a Research Placement (All pathways)

2nd year: Same as regular BSc programmes
3rd year: EART39980 Year in Research

Fourth Year		
Core Units You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and environmental science field course	15 credits
EART40031	Advanced science communication	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units Select 15 credits from the following		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART40120	Elective in Environmental Sciences	15 credits

† Available to all except those who completed the unit at undergraduate level