

Degree Programme	<b>BSc and MEnvSci Environmental Science</b>
Pathway:	<b>Pollution and Environmental Processes</b>
Academic year of study:	<b>2025/26</b>
Document link:	If you are reading a printed version of this document you should check <a href="http://documents.manchester.ac.uk/display.aspx?DocID=44096">http://documents.manchester.ac.uk/display.aspx?DocID=44096</a> to ensure that you have the most up to date version.
Contact:	If you have any questions about this structure, please contact <a href="mailto:sonstimetables.student@manchester.ac.uk">sonstimetables.student@manchester.ac.uk</a>

<b>First Year</b>		
<b>All First Year Students have a combined 1<sup>st</sup> year schedule of compulsory units as below.</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>EART11100</b>	<a href="#">Understanding the Earth</a>	40 Credits
<b>EART11200</b>	<a href="#">The Natural Scientist's Toolkit</a>	40 Credits
<b>EART11300</b>	<a href="#">Practical and Professional Skills Development</a>	40 Credits
<b>EART11111</b>	Welcome Week Activity	0 Credits
<b>EART10020</b>	PASS	0 Credits
<b>EART19040</b>	Aspire – Your Future	0 Credits

<b>Second Year</b>		
<b>Core Units</b> You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>Programme core units</b>		
EART29200	<a href="#">Professional Development and Project Preparation</a>	10 credits
EART22001	<a href="#">Environmental Modelling</a>	10 credits
EART25001	<a href="#">Ecology and Conservation</a>	10 credits
EART21202	<a href="#">Global Climate Change</a>	10 credits
EART29002	<a href="#">Environmental Enterprise</a>	10 credits
EART27102	<a href="#">Field Course: Analysing Environmental Field Data</a>	10 credits
<b>Pathway core units</b>		
EART23001	<a href="#">Atmospheric Physics and weather</a>	10 credits
EART27001	<a href="#">Environmental Chemistry 1: Water-Solid-Air Interactions</a>	10 credits
EART28002	<a href="#">Environmental Chemistry 2: Biogeochemical Cycles</a>	10 credits
EART29102	<a href="#">Geospatial Techniques</a>	10 credits
<b>Optional Units</b> You must select TWO of the following optional units.		
EART26001	<a href="#">Energy and Resources</a>	10 credits
EART22101	<a href="#">Evolution and Palaeobiology</a>	10 credits
EART27201	<a href="#">Sedimentary Rocks and Fossils</a>	10 credits
EART21101	<a href="#">Environmental Microbiology</a>	10 credits
BIOL21202	<a href="#">Plants for the Future</a>	10 credits
EART23202	<a href="#">Interpreting the Stratigraphic Record: From Surface to Subsurface*</a>	10 credits
You may also choose up to 20 credits max – UCIL or Language unit**		
* <i>If chosen, students should also choose EART27201 Sedimentary Rocks and Fossils.</i>		
** <i>Note that BIOL and UCIL units may clash with EART units and we cannot guarantee that this can be avoided</i>		

**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
- Units with a code ending in 0 run across both semesters and the credits will be spread between semesters

<b>Third Year</b>		
<b>Core Units</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>Programme core units</b>		
<b>EART32000</b>	<a href="#">Independent Project in Environmental Science</a>	30 credits
<b>EART31001</b>	<a href="#">Communicating Science</a>	10 credits
<b>EART35302</b>	<a href="#">Field Course: Integration of Environmental Investigations, Tenerife</a>	10 credits
<b>Pathway core units</b>		
<b>EART39001</b>	<a href="#">Environmental Challenges: Air Pollution in Major Cities</a>	10 credits
<b>EART31101</b>	<a href="#">Environmental Challenges: Arctic Climate Warming</a>	10 credits
<b>EART33102</b>	<a href="#">Environmental Challenges: Conventional and Nuclear Waste Disposal</a>	10 credits
<b>EART32102</b>	<a href="#">Environmental Challenges: Arsenic Contamination in Asia</a>	10 credits
<b>Optional Units</b>		
You must select THREE of the following optional units; a maximum of one unit in semester 2.		
<b>EART38202</b>	<a href="#">Resource Project: Life Cycles, Risk Analysis, Decision Making and Case Studies</a>	10 credits
<b>EART33001</b>	<a href="#">Analytical Techniques in Earth and Environmental Sciences</a>	10 credits
<b>EART37202</b>	<a href="#">Remote Sensing of Atmospheres</a>	10 credits
<b>EART31201</b>	<a href="#">Meteorology and Forecasting</a>	10 credits
<b>EART35001</b>	<a href="#">Atmospheric Composition</a>	10 credits
<b>EART34102</b>	<a href="#">Geoenergy</a>	10 credits
<b>EART36002</b>	<a href="#">Climate and Energy: Past, Present and Future</a>	10 credits
<b>BIOL31541</b>	<a href="#">Living with Climate Change</a>	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
- Units with a code ending in 0 run across both semesters and the credits will be spread between semesters

## MEnvSci (All pathways)

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

<b>Fourth Year</b>		
<b>Core Units</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>EART40000</b>	<a href="#">Research Project in Environmental Science</a>	60 credits
<b>EART40010</b>	<a href="#">Integrated Earth and Environmental Science field course</a>	15 credits
<b>EART40031</b>	<a href="#">Communicating Science</a>	15 credits
<b>EART40130</b>	Topics in Earth, Planetary and Environmental Sciences	15 credits
<b>Optional Units</b>		
Select 15 credits from the following		
<b>UCIL60312</b>	<a href="#">Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals</a> <sup>†</sup>	15 credits
<b>EART40120</b>	Elective in Environmental Sciences	15 credits

<sup>†</sup> Available to all except those who completed the unit at undergraduate level

## MEnvSci with Industrial Experience (All pathways)

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

3<sup>rd</sup> year: EART39990 Placement in industry

<b>Fourth Year</b>		
<b>Core Units</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>EART40000</b>	<a href="#">Research Project in Environmental Sciences</a>	60 credits
<b>EART40010</b>	<a href="#">Integrated Earth and Environmental Science field course</a>	15 credits
<b>EART40031</b>	<a href="#">Communicating Science</a>	15 credits
<b>EART40130</b>	Topics in Earth, Planetary and Environmental Sciences	15 credits
<b>Optional Units</b>		
Select 15 credits from the following		
<b>UCIL60312</b>	<a href="#">Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals</a> <sup>†</sup>	15 credits
<b>EART40120</b>	Elective in Environmental Sciences	15 credits

<sup>†</sup> Available to all except those who completed the unit at undergraduate level

## MEnvSci with International Study (All pathways)

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

**3<sup>rd</sup> year:** EART39950 Study at University Abroad

<b>Fourth Year</b>		
<b>Core Units</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>EART40000</b>	<a href="#">Research Project in Environmental Sciences</a>	60 credits
<b>EART40010</b>	<a href="#">Integrated Earth and Environmental Science field course</a>	15 credits
<b>EART40031</b>	<a href="#">Communicating Science</a>	15 credits
<b>EART40130</b>	Topics in Earth, Planetary and Environmental Sciences	15 credits
<b>Optional Units</b>		
Select 15 credits from the following		
<b>UCIL60312</b>	<a href="#">Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals<sup>†</sup></a>	15 credits
<b>EART40120</b>	Elective in Environmental Sciences	15 credits

<sup>†</sup> Available to all except those who completed the unit at undergraduate level

## MEnvSci with a Research Placement (All pathways)

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

**3<sup>rd</sup> year:** EART39980 Year in Research

<b>Fourth Year</b>		
<b>Core Units</b>		
You will automatically be enrolled on these units by the Curriculum and Programmes Team.		
<b>EART40000</b>	<a href="#">Research Project in Environmental Sciences</a>	60 credits
<b>EART40010</b>	<a href="#">Integrated Earth and Environmental Science field course</a>	15 credits
<b>EART40031</b>	<a href="#">Communicating Science</a>	15 credits
<b>EART40130</b>	Topics in Earth, Planetary and Environmental Sciences	15 credits
<b>Optional Units</b>		
Select 15 credits from the following		
<b>UCIL60312</b>	<a href="#">Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals<sup>†</sup></a>	15 credits

<b>EART40120</b>	Elective in Environmental Sciences	15 credits
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† Available to all except those who completed the unit at undergraduate level