

Degree Programme	BSc and MEarthSci Environmental Science
Pathway:	Ecology, Evolution & Conservation Biology
Academic year of study:	2024-25
Contact:	If you have any questions about this structure, please contact sons.programmes@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.		
EART11100	Understanding the Earth	40 Credits
EART11200	The Natural Scientist's Toolkit	40 Credits
EART11300	Practical and Professional Skills Development	40 Credits
EART11111	Welcome Week Activity	0 Credits
EART10020	PASS	0 Credits
EART19040	Aspire – Your Future	0 Credits

Second Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
Programme core units		
EART29200	Professional Development and Project Preparation	10 credits
EART22001	Environmental Modelling	10 credits
EART21201	Global Climate Change	10 credits
EART25001	Ecology and Conservation	10 credits
EART27102	Field Course: Analysing Environmental Field Data	10 credits
EART29002	Environmental Enterprise	10 credits
Pathway core units		
EART22101	Evolution and Paleobiology	10 credits
EART21102	Environmental Microbiology	10 credits
BIOL21232	Fundamentals of Evolutionary Biology	10 credits
BIOL20872	Urban Biodiversity and Conservation (Course runs in the summer vacation)	10 credits
Optional Units		
You must select FOUR of the following optional units; two in semester 1 and two in semester 2. You may take a maximum of two non-EART course units.		
BIOL21442	Disease in Nature	10 credits
EART27201	Sedimentary Rocks and Fossils	10 credits
BIOL21221	Animal Diversity	10 credits
BIOL21202	Plants for the future	10 credits
BIOL21281	Animal Physiology	10 credits
EART29102	Geospatial Techniques	10 credits
EART28002	Environmental Chemistry 2: Biogeochemical Cycles	10 credits
BIOL21432	Animal behaviour	10 credits
You may also choose 1 unit (up to 20 credits max) – UCIL or Language unit**		
<p>* If chosen, students should also choose EART27201 Sedimentary Rocks and Fossils.</p> <p>** Note that BIOL and UCIL units may clash with EART units and we cannot guarantee that this can be avoided</p>		

Third Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
Programme core units		
EART32000	Independent Project in Environmental Science	30 credits
EART31001	Communicating Science	10 credits
EART35302	Field Course: Integration of Environmental Investigations, Tenerife	10 credits
Pathway core units		
EART32001	Advanced Topics in Ecology and Evolution	10 credits
BIOL31482	Conservation Biology	10 credits
Optional Units		
You must select FIVE of the following optional units; a maximum of two units in semester 2. You may take a maximum of two non-EART course units.		
EART33001	Analytical Techniques in Earth and Environmental Sciences	10 credits
BIOL31551	Human Impacts on the Biosphere	10 credits
BIOL31541	Living with Climate Change	10 credits
EART39001	Environmental Challenges: Air Pollution in Major Cities	10 credits
EART31101	Environmental Challenges: Arctic Climate Warming	10 credits
EART33102	Environmental Challenges: Waste and Nuclear Waste Disposal	10 credits
EART32102	Environmental Challenges: Arsenic Contamination in Asia	10 credits
EART36002	Climate and Energy: Past, Present and Future	10 credits
EART36202	Primate Evolution and Human Origins	10 credits
BIOL31511	Biotic interactions	10 credits
BIOL31391	Evolution of Genes, Genomes, and Systems	10 credits
BIOL31471	Advanced Behavioural and Evolutionary Ecology	10 credits
You may also choose 1 unit (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 3th year: Same as regular BSC programmes

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and Environmental Science field course	15 credits
EART40031	Communicating Earth and Environmental Science	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units		
Select 15 credits from the following		
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

3th year: EART39970 Core Environmental Science
 EART39990 Placement in industry

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and Environmental Science field course	15 credits
EART40031	Communicating Earth and Environmental Science	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units		
Select 15 credits from the following		
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

3th year: EART39950 Study at University Abroad

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and Environmental Science field course	15 credits
EART40031	Communicating Earth and Environmental Science	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units		
Select 15 credits from the following		
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

3th year: EART39970 Core Environmental Science
EART39980 Year in Research

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Research Project in Environmental Sciences	60 credits
EART40012	Integrated Earth and Environmental Science field course	15 credits
EART40031	Communicating Earth and Environmental Science	15 credits
EART40130	Topics in Earth, Planetary and Environmental Sciences	15 credits
Optional Units		
Select 15 credits from the following		
EART40120	Elective in Environmental Sciences	15 credits

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