

Degree Programme	BSc and MEarthSci Environmental Science
Pathway:	Ecology, Evolution & Conservation Biology
Academic year of study:	2022/23
Document link:	If you are reading a printed version of this document you should check http://documents.manchester.ac.uk/display.aspx?DocID=44089 to ensure that you have the most up to date version.
Contact:	If you have any questions about this structure, please contact earth.support@manchester.ac.uk

Second Year

Core Units

You will automatically be enrolled on these units by the Earth Support Team.

EART29200	Professional Development and Project Preparation	10 credits
EART22001	Environmental Modelling	10 credits
EART22101	Evolution and Paleobiology	10 credits
EART25001	Ecology and Conservation	10 credits
EART21102	Environmental Microbiology	10 credits
EART29002	Environmental Enterprise	10 credits
BIOL21232	Fundamentals of Evolutionary Biology	10 credits
BIOL20872/EART20712	Urban Biodiversity and Conservation/Environmental Science Field Course	10 credits

Optional Units

You must select 40 credits from the following optional units; 20 credits in semester 1 and 20 credits in semester 2. You may take a maximum of two non-EART course units.

EART21202	Global Climate Change	10 credits
BIOL21442	Disease in Nature	10 credits
BIOL21422	Alpine Biodiversity and forest ecology (with additional cost implication)	10 credits
EART27001	Environmental Chemistry 1: Water-Solid-Air Interactions	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
BIOL21172	Principles of development Biology	10 credits
BIOL21432	Animal behaviour	10 credits

EART23202	Interpreting the Stratigraphic Record: From Surface to Subsurface*	10 credits
You may also choose 1 unit (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>		

Third Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART31000	Communicating Science	10 credits
EART35302	Field Course: Integration of Environmental Investigations, Tenerife	10 credits
EART32001	Advanced Topics in Ecology and Evolution	10 credits
BIOL31482	Conservation Biology	10 credits
EART33000	Ecology, evolution or conservation research project	30 credits
Optional Units		
You must select 50 credits the following optional units; with a maximum 20 credits 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 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
BIOL31392	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

MEarthSci (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	Independent Project in Environmental Sciences	60 credits
EART40011	Student-led Field Course	15 credits
EART40031	Communicating Earth and Environmental Sciences	15 credits
EART40131	Topics in Environmental Science	15 credits
UCIL60312	Creating a Sustainable World: Interdisciplinary Applications of the Sustainable Development Goals	15 credits

MEnvSci (All pathways) with Industrial Experience

2nd year: Same as regular BSC programmes

Third Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART39970	Core Environmental Science	20 credits
EART39990	Placement in industry	100 credits

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Independent Project in Environmental Sciences	60 credits
EART40011	Student-led Field Course	15 credits
EART40031	Communicating Earth and Environmental Sciences	15 credits

EART40131	Topics in Environmental Science	15 credits
UCIL60312	Creating a Sustainable World: Interdisciplinary Applications of the Sustainable Development Goals	15 credits

MEarthSci with International Study[#]

2nd year: Same as regular BSC programmes

Third Year		
Core Unit		
You will automatically be enrolled on this unit by the Earth Support Team.		
EART39950	Study at University Abroad	120 credits

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Independent Project in Environmental Sciences	60 credits
EART40011	Student-led Field Course	15 credits
EART40031	Communicating Earth and Environmental Sciences	15 credits
EART40131	Topics in Environmental Science	15 credits
UCIL60312	Creating a Sustainable World: Interdisciplinary Applications of the Sustainable Development Goals	15 credits

MEnvSci (All pathways) with a Research Placement

2nd year: Same as regular BSC programmes

Third Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART39970	Core Environmental Science	20 credits
EART39980	Year in Research	100 credits

Fourth Year		
Core Units		
You will automatically be enrolled on these units by the Earth Support Team.		
EART40000	Independent Project in Environmental Sciences	60 credits
EART40011	Student-led Field Course	15 credits
EART40031	Communicating Earth and Environmental Sciences	15 credits
EART40131	Topics in Environmental Science	15 credits

UCIL60312	Creating a Sustainable World: Interdisciplinary Applications of the Sustainable Development Goals	15 credits
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