Degree Programme	**BSc and MEarthSci Earth and Planetary Science**
Pathway:	**Palaeobiology**
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=44094 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
EART22101	Evolution and Palaeobiology	10 credits
EART25001	Ecology and Conservation	10 credits
EART27201	Sedimentary Rocks and Fossils	10 credits
EART28101	Field Course: Introduction to Geological Mapping	10 credits
BIOL21221	Animal Diversity	10 credits
EART23202	Interpreting the Stratigraphic Record: From Surface to Subsurface	10 credits
Optional Units You must select FIVE of the following optional units; one in semester 1 and four in semester 2.		
EART22201	Igneous Minerals and Processes	10 credits
EART24001	Geological Maps	10 credits
EART26201	Principles of Geochemistry	10 credits
EART21102	Environmental Microbiology	10 credits
EART28002	Environmental Chemistry 2: Biogeochemical Cycles	10 credits
EART28202	Structural Geology	10 credits
EART29102	Geospatial Techniques	10 credits
BIOL21172	Principles of Developmental Biology	10 credits
10-20 credits: One 10 credit EART or BIOL unit or up to 20 credits of a single UCIL/Language unit (including those above, max 20 credits of non-EART units)		

Third Year		
Core Units You will automatically be enrolled on these units by the Earth Support Team.		
EART31000	Communicating Science	10 credits
EART39000	Independent Project in Palaeobiology	30 credits
EART33001	Analytical Techniques in Earth and Environmental Sciences	10 credits
EART36202	Primate Evolution and Human Origins	10 credits
EART34001	Dinosaur Palaeobiology	10 credits
EART38302	Field Course: Vertebrate Palaeontology, Isle of Wight	10 credits
Optional Units You must select FOUR of the following optional units. (A maximum of 3 of these units can be non-EART units)		
EART32001	Advanced Topics in Ecology and Evolution	10 credits
BIOL31511	Biotic Interactions	10 credits
BIOL31541	Living with Climate Change	10 credits
BIOL31551	Human Impacts on the Biosphere	10 credits
EART31302	Sedimentary Basins and the Source to Sink System	10 credits
EART37002	Diagenesis of Sedimentary Systems	10 credits
EART34302	Volcanology	10 credits
EART36002	Climate and Energy: Past Present & Future	10 credits
BIOL31482	Conservation Biology	10 credits
BIOL31392	Evolution of Genes, Genomes, and Systems	10 credits
10-20 credits: One 10 credit EART or BIOL unit or up to 20 credits of a single UCIL/Language unit		

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.		
EART44440	Research Project in Earth and Planetary 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		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART4XXX0	Option in Earth and Planetary Sciences	15 credits

MEarthSci with Industrial Experience

2nd year: Same as regular BSC programmes

3th year

EART39960 Core Earth and Planetary Science

EART39990 Placement in industry

Fourth Year		
Core Units You will automatically be enrolled on these units by the Earth Support Team.		
EART44440	Research Project in Earth and Planetary 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		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART4XXX0	Option in Earth and Planetary Sciences	15 credits

MEarthSci with International Study

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.		
EART44440	Research Project in Earth and Planetary 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		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART4XXX0	Option in Earth and Planetary Sciences	15 credits

MEarthSci with a Research Placement

2nd year: Same as regular BSC programmes

3th year

EART39960 Core Earth and Planetary Science

EART39980 Year in Research

Fourth Year		
Core Units You will automatically be enrolled on these units by the Earth Support Team.		
EART44440	Research Project in Earth and Planetary 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		
UCIL60312	Creating a Sustainable world: Interdisciplinary Applications of the sustainable Development Goals†	15 credits
EART4XXX0	Option in Earth and Planetary Sciences	15 credits

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