Degree Programme	**BSc and MEarthSci Earth and Planetary Science** **BSc Geology and MGeol Geology**
Pathway	**Geology**
Academic year of study	**2026-27**
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.		
EART11101	Understanding the Earth I	20 credits
EART11201	The Natural Scientist's Toolkit I	20 credits
EART11301	Practical and Professional Skills I	20 credits
EART11102	Understanding the Earth II	20 credits
EART11202	The Natural Scientist's Toolkit II	20 credits
EART11302	Practical and Professional Skills II	20 credits
EART11111	Welcome Week activity	0 credits
EART10020	PASS	0 credits
EART19040	Aspire – Your Future	0 credits

Second Year		
Programme core units You will automatically be enrolled on these units		
EART29300	Professional development and project preparation tutorials	10 credits
EART28101	Introduction to geological field mapping	10 credits
EART27201	Sedimentary rocks and fossils	10 credits
EART26201	Principles of geochemistry	10 credits
EART29102	Geospatial techniques	10 credits
Pathway core units You will automatically be enrolled on these units		
EART22201	Igneous minerals and processes	10 credits
EART24001	Geological maps	10 credits
EART28202	Structural geology	10 credits
EART23202	Interpreting the stratigraphic record	10 credits
EART24202	Metamorphic minerals and processes	10 credits
EART25102	Advanced geological field techniques	10 credits
Pathway optional units You must select ONE of the following optional units		
EART26001*	Energy and resources	10 credits
EART23101	Exploring the Solar System	10 credits
EART22101	Evolution and palaeobiology	10 credits
OR up to 10 credits of any other EART or UCIL unit (subject to timetabling)		10 credits

*Students wishing to select applied geology units at Year 3 level are strongly encouraged to select EART26001 Energy and resources.

Third Year		
Pathway core units You will automatically be enrolled on these units		
EART37000	Independent field-based project in Geology	40 credits
EART32301	Tectonics in Earth's oceans and continents	10 credits
EART34201	Chemical evolution of the Earth's interior	10 credits
EART31302	Sedimentary basins and the source-to-sink system	10 credits
EART39302	Field course: Sicily	10 credits
Pathway optional units Select FOUR of the following optional units, including at least TWO units in Semester 2		
EART34001	Dinosaur palaeobiology	10 credits
EART35101	Hydrogeology and geomechanics	10 credits
EART36101	Geophysical techniques	10 credits
EART33001	Analytical techniques in Earth and environmental sciences	10 credits
EART34102	Geoenergy	10 credits
EART34302	Volcanology	10 credits
EART38202	Resource project life cycles	10 credits
MATS32802	Resources for the modern world	10 credits
OR you may select any other 10-credit EART unit (subject to timetabling), or up to 20 credits of a single UCIL or language unit (subject to timetabling)		10-20 credits

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

2nd and 3rd year: Same as the BSc programmes

Fourth Year		
Core units You will automatically be enrolled on these units		
EART44440	Research project in Earth and planetary science	60 credits
EART40010	Integrated Earth and environmental science field course	15 credits
EART40031	Advanced science communication	15 credits
EART40130	Topics in Earth, planetary and environmental science	15 credits
Optional units You must select ONE of the following optional units		
EART40110	Elective in Earth and planetary science	15 credits
UCIL60312*	Creating a sustainable world	15 credits

*Available to all except those who completed this unit at undergraduate level