

Planetary Science

2nd year

EART29200	Professional Development and Project Preparation
EART22200	Igneous Minerals and Processes
EART24200	Metamorphic Minerals and Processes
EART23101	Exploring the Solar System
EART26201	Principles of Geochemistry
EART28102	Field Course: Introduction to Geological Mapping
EART25202	Meteorites and Planetary Materials
EART29102	Geospatial Techniques

Options (4 of following; one or two options in Semester 1, two or three options in Semester 2):

EART22001	Environmental Modelling
EART23001	Atmospheric Physics and Weather
EART24001	British Stratigraphy and Geological Maps
EART27201	Sedimentary Rocks and Fossils
PHYS10191	Introduction to Astrophysics
EART23202	Interpreting the Stratigraphic Record: From Surface to Subsurface
EART25102	Advanced Geological Field Techniques*
EART28002	Environmental Chemistry 2: Biogeochemical Cycles
EART28202	Structural Geology
10 credits	one EART or UCIL unit

*If chosen, students should also choose EART27201 *Sedimentary Rocks & Fossils* and EART28202 *Structural Geology*

3rd year

EART31000	Communicating Science
EART31100	Independent Project in Planetary Science
EART35202	Planetary Evolution**
EART32201	Origin of the Solar System
EART36302	Planetary Field Course: Ries Impact Crater, Germany

Options (5 of the following) Any EART unit given prerequisites and timetabling, examples include but are not limited to:

EART33001	Analytical Techniques in Earth and Environmental Sciences
EART32301	Tectonics in Earth's Oceans and Continents
EART33201	Quantitative Sedimentology: An Experimental Perspective
EART34102	Geoenergy
EART34201	Chemical Evolution of the Earth's Interior
EART35102	Hydrogeology and Geomechanics
EART37202	Remote Sensing of Atmospheres
EART31302	Sedimentary Basins and the Source to Sink System
EART34302	Volcanology
EART36101	Geophysical Techniques
EART33302	Chemical Fluid-Rock Interactions
10 credits	one EART or UCIL unit

**If chosen, students should also choose EART32201 *Origin of the Solar System*

MEarthSci (All pathways)

2nd and 3th year: Same as regular BSC programmes

4th Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Applied Earth Science

MEarthSci with Industrial Experience*

2nd year: Same as regular BSC programmes

3th year

EART3XXXX	Core Earth and Planetary Science
EART3XXXX	Placement in industry

4th Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Applied Earth Science

MEarthSci with International Study[#]

2nd year: Same as regular BSC programmes

3th year

EART3XXXX	Study at University Abroad
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4th Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Applied Earth Science

MEarthSci with a Research Placement[#]

2nd year: Same as regular BSC programmes

3th year

EART3XXXX	Core Earth and Planetary Science
EART3XXXX	Year in Research

4th Year

EART4XXXX	Research Project
EART4XXXX	Student-led Field Course
EART4XXXX	Communicating Earth and Environmental Sciences
EART4XXXX	Topics in Applied Earth Science

*Available to all except those taking EART37000 *Independent Project in Geological Field Mapping* (on Geology pathway) and those on Planetary Science or Palaeobiology pathways; # Available to all except those taking EART37000 *Independent Project in Geological Field Mapping* (on Geology pathway)