Department of Earth Sciences

About the department

The Department of Earth Sciences is internationally renowned for the quality of its teaching and research activities. It provides a stimulating and supportive environment for students and staff to study and research a wide range of earth science topics. Strong collaborative links with international geosciences industries, environmental consultancies and geo-engineers, and local authorities, provide valuable support for postgraduate research projects, employment for graduates, and work experience for undergraduates. We were ranked 5th in the United Kingdom in the 2017 *National Student Survey* with an 'Overall Student Satisfaction' rating of 97%, and in the most recent Research Excellence Framework we were ranked second in the UK with particular expertise in global environmental change, petroleum geology and fault dynamics.

Entry requirements

The modules listed below are open to all Study Abroad, International and European Exchange students, subject to any required previous knowledge or qualifications, as stated in the module outlines below. Links are given to our handbook which shows detailed module information.

Each module is either 15 or 30 UK credits and starts in either the Autumn UG Spring Term (September) or the Spring UG Spring Term (January). ***Please note that our UG Autumn Term modules only have assessment in summer term, so are not currently suitable for UG Autumn term only students**.

The information contained in the module outlines on the following pages is correct at the time of publication but may be subject to change as part of our policy of continuous improvement and development.

Module options for visiting students 2026-27

Module number	Module title	Run time	UK Credits	Link to syllabus
GL1101	Evolving Earth	UG Autumn Term*	30.00	Syllabus Information
GL1201	Dynamic Planet	UG Spring Term	30.00	Syllabus Information
GL1301	Human Interaction with the Earth System	UG Autumn Term*	30.00	Syllabus Information
GL1500	Chemistry and Physics of the Earth	UG Full Year	15.00	Syllabus Information
GL2200	# Stratigraphy and the History of Life	UG Autumn Term*	15.00	Syllabus Information
GL2210	# Regional Geology	UG Spring Term	15.00	Syllabus Information
GL2320	Geohazards	UG Spring Term	15.00	Syllabus Information
GL2330	Practical Meteorology – An introduction	UG Spring Term*	15.00	Syllabus Information
GL2400	# Igneous And Metamorphic Geology	UG Spring Term	15.00	Syllabus Information
GL2410	# Geochemistry	UG Autumn Term*	15.00	Syllabus Information
GL2600	# Structural Analysis and Remote Sensing	UG Spring Term	15.00	Syllabus Information

Module options for visiting students 2026-27

Module number	Module title	Run time	UK Credits	Link to syllabus
GL2740	# Sustainable Energy	UG Spring Term	15.00	Syllabus Information
GL3300	Hydrogeology	UG Spring Term	15.00	Syllabus Information
GL3320	Advanced Geohazards	UG Spring Term	15.00	Syllabus Information
GL3330	Advanced Practical Meteorology	UG Autumn Term*	15.00	Syllabus Information
GL3530	Planetary Geology & Geophysics	UG Spring Term	15.00	Syllabus Information
GL3600	# Advanced Techniques in Tectonic & Structural Interpretation	UG Spring Term	15.00	Syllabus Information
GL3700	# Subsurface Analysis	UG Autumn Term*	15.00	Syllabus Information
GL3780	# Subsurface Storage of CO_2 and Energy	UG Spring Term	15.00	Syllabus Information
GL3850	# Engineering Geology and Rock Mechanics	UG Spring Term	15.00	Syllabus Information
GL3880	Palaeoclimate	UG Spring Term	15.00	Syllabus Information

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# These modules are suitable only for students following a geoscience degree (e.g. Geology, Earth Sciences etc.) and have completed prior study in this field up to an equivalent level