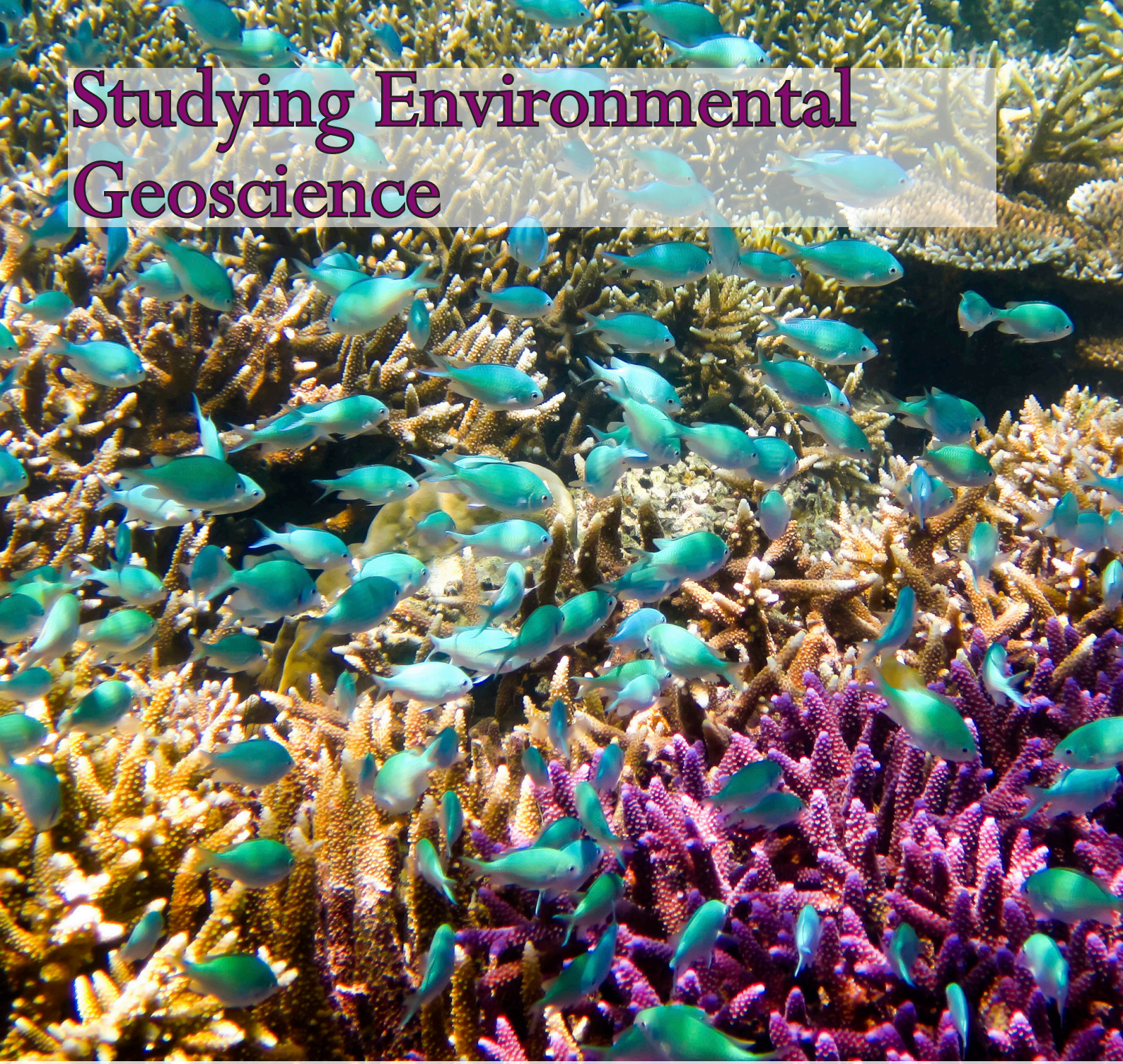
Studying Environmental Geoscience



World-renowned Teaching State-of-the-art Facilities Exciting Field Trips

The School of GeoSciences in Edinburgh offers undergraduates world-renowned teaching, state-of-the-art facilities and a rich Geoscience heritage. Edinburgh and the local area are home to some of the most fascinating environmental sites in the world and our hands-on approach ensures you will be out in the field with experts and study specialists, taking advantage of exciting locations both locally and abroad. You will become a part of the largest family of geoscientists in the UK - with around 400 academics, researchers and research students.

The University is consistently ranked as one of the world's top 50 (THE and QS Rankings) and The School has been identified by the Research Excellence Framework (REF) 2014 assessment as having the greatest concentration of 'world leading' and 'internationally excellent' researchers in the UK.

THE UNIVERSITY *of* EDINBURGH
School of GeoSciences

Why study Environmental Geoscience at The University of Edinburgh?

Environmental Geoscience is the in-depth study of the Earth's environments and the processes that maintain and modify them. It examines the way Earth's internal processes interact with its surface environments on land and in the oceans, and how these have evolved over millions of years and continue to change at present. It deals with the impacts of natural events and human activity, from volcanic eruptions and climate change to the contamination of land, air and the oceans.

This Programme will provide you with an excellent opportunity to develop laboratory skills and learn field and ship-based methods and sampling techniques, currently used by the environmental industry, while providing a strong foundation for further study in this subject area.

- **Stimulating Programme** - you will learn from world-renowned staff in a department which is ranked 1th in the UK for earth and marine sciences (Guardian University Guide 2016), providing an excellent environment for academic growth and inquiry.
- **Access to unique, cutting-edge facilities** - you will have access to high-tech laboratory analytical facilities where you can analyse rocks, minerals and fluids for a variety of chemical properties at Edinburgh's leafy King's Buildings Campus.
- **Employability** - you will be very well prepared for a successful career with an Edinburgh degree in Environmental Geoscience. Your Programme is designed so that you develop a sound knowledge of the fundamental science, a deep understanding of your chosen discipline, natural curiosity, excellent problem solving skills, practical and transferable skills most prized by employers across a range of disciplines.
- **A vibrant social scene** - you will also join a close community of Earth Scientists - as you collaborate with classmates, lecturers and industry representatives in classes, labs and in the field. We are proud of our supportive, friendly department.

We offer the opportunity to take part in overseas field work trips to Jamaica, Lake District and Scotland. Students typically pay 50% of their transport and accommodation costs only, and extra support is available from our alumni fund for students who use a bursary.

We are one of the largest university groupings of geoscientists in Europe.

Fast-Track Option - Direct Entry to Second Year – suitably qualified students may be able to combine pre-honours core courses into a single year (for further information please see our website in the information below).

Studying BSc (Honours) Environmental Geoscience

Combining the compulsory courses, which ensure you develop the necessary skills and knowledge to apply your degree to the workplace or further study, with the opportunity to really tailor your programme by picking from a range of optional courses, means that our programme is a fantastic start both for any aspiring geoscientist or for people less sure about where they wish to specialise.

Compulsory Courses:

- Earth Dynamics
- Evolution of the Living Earth
- Introduction to Geological Record
- Geomaterials
- Oceanography
- Environmental Geochemistry of the Earth's Surface
- Earth's Atmospheric Composition
- Environmental Pollution
- Environmental Techniques and Applications
- Field Course in Tropical Marine and Terrestrial Geoscience
- Geochemistry
- Geophysical Techniques for Terrestrial Environmental Applications
- Global Environmental Change
- Hydrogeology 1: Applied Hydrogeology
- Quaternary Environmental Change
- Applied Environmental Geochemistry
- Environmental Geoscience Projects
- Environmental Geoscience Fieldwork
- Environmental Problems and Issues
- Global Environmental Change

Careers
The options are endless - graduates from the School of GeoSciences are sought after by energy companies, environmental consultancies and the financial sector. The majority of graduates continue studying or move straight into relevant employment.

English Language Requirements
If English is your second language you must provide evidence of good written and spoken English skills:
www.ed.ac.uk/studying/international/english/ug-english

Tuition Fees
Scotland/EU - You may be eligible to have your fees paid by the Scottish Government for the full period of study. You must apply to the Student Awards Agency for Scotland (SAAS)
Home/RUK - £9000 / Overseas - £21,900 (2016)
www.ed.ac.uk/schools-departments/student-funding/tuition-fees/undergraduate/tuition-fees

Scholarships
The University offers a range of scholarships and funding opportunities:
http://www.ed.ac.uk/schools-departments/student-funding

Entry Requirements
SQA Highers - ABBB-AAAA
GCE A-levels - ABB-AAA
International Baccalaureate - 32-37 points overall and award of IB Diploma.
For information on subjects required, requirements for other qualifications and details on Fast Track Year 2 Entry:
http://www.ed.ac.uk/schools-departments/geosciences/undergraduate/environmental-geoscience/applications/applications

School Contact Details:
Admissions Advisor - Dr Jenny Tait
E: earth.sciences@ed.ac.uk T: +44 (0)131 651 7069
Academic Enquiries - Dr Bryne Ngwenya
E: earth.sciences@ed.ac.uk T: +44 (0) 131 650 8507

W: http://www.ed.ac.uk/schools-departments/geosciences/undergraduate/earth-science/programmes/environmental-geoscience

How to Apply
Most applications are made through UCAS:
http://www.ed.ac.uk/studying/undergraduate/applications-admissions/applying/ucas

September 2015