



UNIVERSITY OF
EXETER

GEOGRAPHY, ENVIRONMENTAL SCIENCE AND HUMAN SCIENCES

UNDERGRADUATE SUBJECT BROCHURE 2017
CORNWALL AND EXETER CAMPUSES



TIMES
HIGHER
EDUICATION
GLOBAL
100
UNIVERSITY

KEY INFORMATION AND ENTRY REQUIREMENTS

PENRYN CAMPUS, CORNWALL	UCAS CODE	TYPICAL OFFER	REQUIRED SUBJECTS	
Single Honours MSci Environmental Science	F751	A*AA-AAB; IB: 38-34	GCE AL grade B or IB HL5 in a science subject	C
BSc Environmental Science	F750	AAB-ABB; IB 34-32	GCE AL grade B or IB HL5 in a science subject	C
BSc Environmental Science with Study Abroad	F752	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 in a science subject	C
BSc Environmental Science with Professional Placement	F753	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 in a science subject	C
BA/BSc Geography	F807	AAA-ABB; IB: 36-32		C
BA/BSc Geography with Study Abroad	F8D7	AAA-AAB; IB: 36-34		C
BA/BSc Geography with Professional Placement	F8D8	AAA-AAB; IB: 36-34		C
BA/BSc Human Sciences	BCL0	AAA-ABB; IB: 36-32	GCE AS grade B or IB SL5 in a science subject	C
BA/BSc Human Sciences with Study Abroad	BCL1	AAA-AAB; IB: 36-34	GCE AS grade B or IB SL5 in a science subject	C
BA/BSc Human Sciences with Professional Placement	BCL2	AAA-AAB; IB: 36-34	GCE AS grade B or IB SL5 in a science subject	C

STREATHAM CAMPUS, EXETER	UCAS CODE	TYPICAL OFFER	REQUIRED SUBJECTS	
Single Honours BA Geography	L705	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 humanities or social science subject	E
BA Geography with European Study	L702	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 humanities or social science subject	E
BA Geography with Study Abroad	L707	A*AA-AAB; IB: 38-34	GCE AL grade A or IB HL6 humanities or social science subject	E
BSc Geography	F800	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 science subject	E
BSc Geography with European Study	F8R8	AAA-AAB; IB: 36-34	GCE AL grade B or IB HL5 science subject	E
BSc Geography with Study Abroad	F805	A*AA-AAB; IB: 38-34	GCE AL science subject grade A or IB HL6 science subject	E

Geography is also available to study under the Flexible Combined Honours scheme (see pages 3 and 9).

GCE AL science includes: Biology/Human Biology⁺; Chemistry; Computing; Design and Technology; Electronics; Environmental Studies; Geography; Geology; Maths/Pure Maths/Further Maths⁺; Physical Education; Physics; Psychology; Science (applied); Statistics.

GCE AL humanities/social sciences includes: Business Studies; English; Geography; Geology; History; Media Studies; Religious Studies; Economics; Law; Politics; Philosophy; Psychology; Sociology.

The full and most up-to-date information about Geography and Environmental Science is on the undergraduate website at www.exeter.ac.uk/ug/geography and we strongly advise that you check this before attending an Open Day or making your application.

We make every effort to ensure that the entry requirements are as up-to-date as possible in our printed literature. However, since this is printed well in advance of the start of the admissions cycle, in some cases our entry requirements and offers will change.

If you are an international student you should consult our general and subject-specific entry requirements information for A levels and the International Baccalaureate, but the University also recognises a wide range of international qualifications. You can find further information about academic and English language entry requirements at www.exeter.ac.uk/ug/international

For further details on all our entry requirements, please see our Geography pages at www.exeter.ac.uk/ug/geography



PENRYN CAMPUS, CORNWALL

Undergraduate Admissions

Website: www.exeter.ac.uk/ug/geography

Email: cornwall@exeter.ac.uk

Phone: +44 (0)1326 371801



STREATHAM CAMPUS, EXETER

Undergraduate Admissions

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⁺ If more than one of these is taken they would only count as one 'science' but could count as two A-levels towards our general requirements.

GEOGRAPHY, ENVIRONMENTAL SCIENCE AND HUMAN SCIENCES

Top 30 in the world for Geography¹

7th in the UK for research² and 3rd for research power³ in Geography and Environmental Studies and 4th in the UK for research in Earth and Environmental Sciences²

6th for Geography and Environmental Science in *The Times and The Sunday Times Good University Guide 2016*

97% of students progressing into employment or further study within six months of graduation⁴

Programmes available in Cornwall and Exeter

Opportunities to study abroad

Field study in the UK and overseas

Excellent teaching and research facilities including a £3.7 million sediment research centre in Exeter and the £30 million Environment and Sustainability Institute in Cornwall

Do you want to make a difference and change the future of the planet? Are you inspired by the complexity of the world around you? Do you want to explore the key issues facing contemporary societies and help explain the relationships between events and their impact on a global scale? If so, then studying Geography and Environmental Science at the University of Exeter is for you.

Ranked in the top 30 in the world, Geography at the University of Exeter offers world-class research and teaching at the frontiers of social and natural sciences. Our challenging programmes develop your ability to better understand the world, as well as the knowledge and skills to shape solutions for the future. We will inspire in you an interest

and enthusiasm for geography and the environment that will shape your life and career well beyond graduation. You can apply to study at either the Penryn Campus near Falmouth or the Streatham Campus in Exeter.

Through our programmes you'll be encouraged to develop an understanding of human societies and natural environments. As well as building on familiar aspects of the physical and social world, such as the environment, population change and resource management, you'll consider the critical global issues and challenges of the 21st century which are likely to affect environments and societies in the coming years. You will encounter exciting fields of

enquiry such as climate modelling, vegetation and rivers, satellite mapping, environmental change, climate change, biosecurity, heritage, landscape, health geographies and non-human geographies.

Athena SWAN

The Athena SWAN Charter recognises and celebrates good employment practice for women working in Science, Technology, Engineering, Mathematics and Medicine (STEMM) in higher education and research. Find out more about Athena SWAN in Geography at www.exeter.ac.uk/geography/athenaswan

¹ QS World University Rankings 2015.

² Research Excellence Framework 2014 based on intensity-adjusted Grade Point Average and ³Times Higher Education research power ranking.

⁴ Respondents to the Destinations of Leavers of Higher Education (DLHE) Survey 2013/14.

GEOGRAPHY, ENVIRONMENTAL SCIENCE AND HUMAN SCIENCES IN CORNWALL

Our programmes at the Penryn Campus give you an integrated and all-round understanding of the subjects in order to equip you with the knowledge and skills to address the key issues facing humans and our planet today and in the future.

You will be taught by expert staff who are actively engaged in research on a wide range of specialisms, including climate change, remote sensing, landscape evolution, environment and sustainability in the past and present, and energy policy. Teaching and research activities emphasise the value of interdisciplinary thinking – looking beyond traditional boundaries to the complex interactions between human societies and non-human environments.

Cornwall is an exceptional place in which to study Geography, Environmental Science, and Human Sciences. The county is a perfect living laboratory which offers a diverse range of marine and terrestrial habitats, a wealth of natural resources and a number of unique social landscapes. The University's Environment and Sustainability Institute (ESI) is located on the Penryn Campus and further inspires the research and teaching. The ESI leads cutting-edge interdisciplinary research into solutions to problems of environmental change; in so doing it enhances people's lives by improving their relationships with the environment.

The Penryn Campus presents a distinctive, intimate and welcoming environment. You'll join an approachable community of experts working at the forefront of knowledge creation and innovative application, and benefit from interaction with cutting-edge interdisciplinary research. Students and staff take advantage of outstanding teaching and research facilities and our links with the renewable energy sector, conservation and environment sector, and energy policy decision makers.

You will benefit from excellent student:staff ratios, small group tutorials and friendly, accessible and supportive staff. You'll be encouraged to share our enthusiasm and passion for the subject and follow your interest in the global challenges geographers and environmental scientists seek to address.

We offer outstanding analytical and experimental laboratories for environmental change and process studies, including an IT facility housing high-specification computers

with the latest Geographic Information Systems and mapping software, designed to support teaching and learning in cartography, spatial mapping and analysis, remote sensing, statistics, and computer modelling. Our facilities are supported by an expert team of laboratory, research and computing technicians.

Field work

Field work is an important component of our undergraduate degrees and we treat Cornwall as a living laboratory, taking learning into the field to explore the incredible landscapes in the region and beyond. Several modules, including day and residential field courses in the UK and overseas,* will allow you to develop key field skills, enable you to put them into practice and gain new research skills. The international field course in the third year is one of the capstones to your degree, where you will be immersed in the scientific, environmental and cultural geography of a completely new landscape in an international setting such as the USA, Africa or Asia.* You'll also be encouraged to explore Cornwall's unique environment in dissertation research and independent coursework.

Single Honours

MSci/BSc Environmental Science

These programmes are the University's flagship environmental degrees, enabling you to learn the science behind the Earth's amazing complexity and its environmental processes. Environmental science is a multidisciplinary approach to understanding and managing the world in which we live. Environmental scientists are concerned with understanding spatial patterns in physical, biological and chemical phenomena in the Earth's system at local, regional and global scales. They find appropriate solutions to environmental problems by assessing, reporting and quantifying environmental risks. They work in areas as diverse as contaminated land assessment and remediation, natural resource management, practical conservation, pollution mitigation, ecosystem service assessment, environmental monitoring, mapping and consultancy. Our programmes are at the cutting-edge of current thinking in the environmental field: you will learn practical and theoretical insights from world-leading research experts in a range of environmental disciplines.

The programmes will broaden your horizons by enabling you to learn about environmental processes at a range of scales, from local issues affecting South West England to those with global impacts. You will engage with issues relating to climate change, its impact on the world and efforts to mitigate its effect. You will uncover the complexities of the legal processes which underpin environmental decision-making and discover how the law facilitates the enforcement of environmental regulation.

Throughout the programmes you will develop a wide range of practical skills to increase your employability, working with satellite data and using geographical information systems (GIS) to guide real-world environmental decision-making. You will have the opportunity to work and learn in inspiring places where you will gain practical field experience and learn more about the world, yourself and others.

Year 1 Your first year will provide you with a solid scientific grounding in themes and topics of the integrated environmental sciences. Most of the modules are compulsory because we believe that you must gain a solid grounding in key themes and topics in order to progress to higher levels, but some options remain.

Year 2 In your second year, you have more flexibility to explore your interests beyond the core skills-based modules. You will gain a more detailed understanding of key issues and practical training in implementing environmental science strategies. You will study a range of core modules and choose from a selection of optional modules.

Year 3 In your third year, you will gain specialist training in the skills necessary to acquire jobs in the environmental sector. You will have an opportunity to specialise in your preferred subjects through an independent research dissertation and a choice of optional modules.

Year 4 (MSci only) For students enrolled on the MSci, the final year provides an opportunity to work on a project focused on a specialised area of environmental professional practice or academic research. You have the choice of carrying out a detailed consultancy report, where possible in collaboration with an industrial partner, or a more traditional research project aligned with one of our leading research groups.

The remainder of your time will be spent studying advanced research methods, and on a two-week intensive international field course in which your scientific field research, debating and presentation skills will be further developed.

BA/BSc Geography

Our groundbreaking programme offers a new, vibrant and fresh approach to studying geography. This innovative Single Honours degree is aimed at students who are curious to investigate key global challenges by exploring both human and physical issues and, importantly, the connections between the two. This contemporary approach to geographical teaching allows you to gain appreciation of global challenges of the 21st century from multiple perspectives. It breaks down the barriers between disciplines and allows you to gain a holistic understanding of the interactions between people, places and events.

Following a first year of introductory modules that tackle the broad issues, and integrate human and physical geography, you will have the opportunity to tailor your degree by choosing a thematic route through a series of more specialist modules in the second and final years.

This exciting, challenging approach combines an all-round training in geography with the flexibility to graduate with either a BA or BSc degree, depending on your choice of optional modules and final year research project. The nature of this approach to geographical study also means that, while you will be expected to have a strong academic profile, you are not required to have previously studied specific subjects at A level.

Year 1 This year comprises modules that examine 21st-century challenges – from local landscape evolution to global environmental change – from multiple geographical perspectives. It provides you with an excellent foundation, ensuring you develop the relevant skills and knowledge to progress your studies in subsequent years.

Year 2 In your second year, you will build on what you have learnt in your first year and continue to study some core integrated modules. You will also have the opportunity to take specific human and/or physical geography modules. These optional modules will enable you to start tailoring your studies to suit your developing interests.

Year 3 A significant focus in your final year is the research-led dissertation, for which you will receive individual supervision from an expert in your chosen field. You will also choose optional modules from a selection covering both human and physical geography specialisms aligned to the research expertise of our academics. Another capstone of your degree will be a residential overseas field course, where you will be immersed in a new environment and taught how to understand its environmental and cultural challenges from multiple geographical perspectives.

BA/BSc Human Sciences

This interdisciplinary programme combines aspects of social and biological sciences to cover a broad range of topics, from human evolution and genetics, to sustainability and social organisation. It is designed to enable you to examine the past and present of humans from the contrasting perspectives of the social and biological sciences to answer questions such as: who and what are human beings; why are individuals and society the way they are; how does behaviour evolve; and what problems do human societies face now and in the future, and how can we address them?

The programme, delivered jointly by Geography and Biosciences, allows you to combine these exciting disciplines to make connections between biological processes, political and environmental issues and social patterns. It will enable you to understand relationships between science and policy and show how you may be able to facilitate decision-making in this context.

The degree will encourage your curiosity about the human environment and how it

functions. Throughout, you will engage in field work and laboratory research exploring the social and natural science behind the complexity of human evolution, behaviour and social organisation.

Year 1 You will develop knowledge and practical skills in a range of core disciplines in the human sciences. This year will include lectures and laboratory work, introducing you to modern approaches to understanding the biology of organisms, including humans, through ecology, genetics and evolution, to the comparative study of social and cultural patterns of world populations. You will also develop important communication and analytical skills.

Year 2 In your second year, you will perform a more in-depth examination of the subject areas to which you were introduced in your first year. For example, you will consider the evolutionary origins of human behaviour by exploring the relationship between human cultural processes and human genetic processes. In particular, you will be encouraged to investigate the ways in which human beings both shape their environments and are shaped by them.

Year 3 In your final year, you will undertake a research project with a member of academic staff. Outside of the research project you will have the freedom to choose among our final year modules, tailoring your degree to your specific interests. You will also take part in a two-week residential overseas field course.

Flexible Combined Honours

This innovative Combined Honours scheme enables you to combine modules from a number of different fields of study not otherwise available through an existing programme. You can combine Geography with up to two other subjects.

Further information and the full list of available subjects can be found at www.exeter.ac.uk/ug/flexible

 The great thing about my degree is the way it is taught. We get to learn about a really broad range of topics within the environmental sphere, including ecological, geographical and human/socio-political and legal. There are many fantastic lecturers who are really passionate about their subject, engaging and available to help us when we are struggling.

Miriam Vesma, BSc Environmental Science



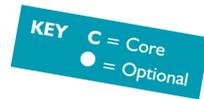


Human Sciences is a very flexible degree. You study the development and evolution of humans, both biologically and socially, but it also allows you to study modules grounded in other areas, such as politics, law and geography. This makes the course really varied and gives you a wider base of knowledge to draw upon so you can make connections between different areas, which keeps it interesting.

Anna Horn, BA Human Sciences



MODULES IN CORNWALL



How your degree is structured

The degrees are divided into core and optional modules, giving the flexibility to structure your degree according to your specific interests. Individual modules are worth 15, 30 or 40 credits each. Full-time undergraduates need to take 120 credits in each year. Each year you may take up to 30 credits from another discipline outside of Geography.

Please note that availability of all modules is subject to timetabling constraints and that not all modules may be available every year.

For up-to-date details of all our programmes and modules, please check www.exeter.ac.uk/ug/geography

Year 1 Modules

Module Name	MSci/BSc Environmental Science	BA/BSc Geography	BA/BSc Human Sciences
Analysis of Environmental Data	C	C	C
Approaches to Geographical Knowledge		C	
Earth System Science	C	C	
Environment and Society	●	C	C
Global Issues in Environmental Science	C	C	●
Introduction to Environmental Science	C		
Introduction to Evolution and Behavioural Ecology			C
Introduction to Human Sciences	●		C
Investigating Social and Spatial Environments	●	C	C
Physiology			●
Power, Conflict, Inequality: Issues in Global Politics			●
Tutorials	C	C	C
West Penwith Field Class	C	C	●

Year 2 Modules

Module Name	MSci/BSc Environmental Science	BA/BSc Geography	BA/BSc Human Sciences
Animal Ecophysiology			●
Applied Insect Ecology	●		
Atmosphere and Ocean Systems	●	●	
Behavioural Ecology			C
Development of Behaviour			●
Evolution of Human Societies	●	●	C
Geographical Information Science and Systems	C	●	
Grand Challenges Cornwall	●	●	●
Introduction to Ecological Consultancy	●		
Key Skills for Environmental Scientists	C		
Key Skills for Geographers		C	
Key Skills for Human Scientists			C
Landscape Evolution	●	●	
Living with Environmental Change	●	●	●
Mathematics of the Environment II	●	●	●
Natural Hazards and Risk	●	●	

Module Name	MSci/BSc Environmental Science	BA/BSc Geography	BA/BSc Human Sciences
Nature and Culture	●	●	C
NGOs: Responding to Global Challenges			●
Population and Community Ecology	●		
Remote Sensing for Environmental Management	C	●	
Rural Social Issues	●	●	●
The Politics of Climate Change and Energy	●	●	●
Time and Place	●	●	●
Workplace Learning	●	●	●

Year 3 Modules

Module Name	MSci/BSc Environmental Science	BA/BSc Geography	BA/BSc Human Sciences
Climate Change and Society	●	●	●
Dissertation	C	C	C
Energy Policies for a Low Carbon Economy	●	●	●
Environment and Empire	●	●	●
Frontiers in Global Health	●	●	●
Human Behavioural Ecology			●
International Field Course*	C	C	C
Mathematics Biology and Ecology	●	●	●
Nature via Nurture			●
Political Psychology of Elites			●
Political Psychology of Masses			●
Preparing to Graduate	C	C	C
Quaternary Environmental Change	●	●	
Sustainability	●	●	●
The Behavioural Ecology of Information Use			●
The Complexity of Human Societies		●	●
Trends in Ecology and Evolution	●		
Volcanic Processes and Environments	●	●	
Waste and Society	●	●	●

*Field course destinations are subject to change.

MODULES IN CORNWALL CONTINUED

Year 1

Analysis of Environmental Data	Introduces quantitative approaches to data analysis in geographical science. You will learn about using satellite imagery and digital mapping technology. Data handling techniques will also be introduced in practical classes.
Approaches to Geographical Knowledge	Introduces the history of geographical thought and the range and diversity of contemporary human and physical geography. Drawing on both historical and contemporary themes, the module explores the dynamic discipline of geography, the philosophical underpinnings of which reflect developments in its history.
Earth System Science	Introduces concepts in Earth Systems Science and describes the geological, geomorphological and climatic processes affecting the Earth system over different scales of time and space, both in the geological past and at the present time.
Environment and Society	Explores the relationships between environmental and social processes in different geographical contexts and at different spatial scales. Explains the contested nature of these interactions at the global, national, regional, urban and local levels, and the role of different stakeholder groups in shaping them.
Global Issues in Environmental Science	Introduces emerging issues in key global environmental sciences debates delivered by a range of academics. Topics include climate change from decadal to millennial timescales, nutrient cycles, food security, epidemiology, land cover change and environmental restoration.
Introduction to Environmental Science	This module aims to define the key skills and background to environmental research. It will introduce environmental science broadly alongside developing key skills for environmental monitoring, focussing on four main themes: our atmosphere, freshwater systems, marine systems and soils.
Introduction to Human Sciences	Introduces a range of core disciplines within Human Sciences, from the biology of organisms including humans, through ecology, genetics and evolution, to the comparative study of social and cultural patterns of world populations. We will explore the impact of humans on the natural environment, through examining why some populations decline and others grow, and ask the question how many people can the planet support?
Investigating Social and Spatial Environments	Introduces how geographers investigate human societies and their qualitative relations to different environments. It uses a variety of techniques, including group practical projects, to examine how geographers investigate the dynamic and complex interaction of social groups and spatial environments.
Tutorials	A skills-based module (essay writing, discussion, critical reading) based around small-group teaching with an academic tutor.

West Penwith Field Class

During this residential field class to West Penwith you will learn about the natural environment in Cornwall and explore a wide range of topics including ecosystem services, representation and commodification of heritage, past climates and the evolution of the landscape of South West England.

Year 2

Atmosphere and Ocean Systems

Looks at how the Earth's climate works and what human activity is doing to change it, and looks at the circulation of the oceans and atmosphere and how they interact, and the cyclical behaviour of ocean-atmosphere systems on different temporal and spatial scales.

Evolution of Human Societies

How can we explain the great diversity of human cultures around the world and how they have changed over time? Focussing on the evolutionary origins of human behaviour, you explore how cultural change and human societies can be studied within an evolutionary framework. Topics include subsistence strategies and the development of agriculture, population expansions, language, religion, social and political organisation, and the ways culture can affect the evolution of genes and vice versa.

Geographical Information Science and Systems

How can spatial information be used to effectively manage the natural environment? In this module you will use geographical information software to analyse environmental data. In a major piece of coursework, you will use Cornwall as a natural laboratory to investigate where to situate a nature reserve for conservation of the nationally rare Silver-Studded Blue butterfly.

Key Skills for Environmental Scientists/ Geographers/ Human Scientists

The key skills modules, including a field trip component, enable you to develop the conceptual, analytical and research skills necessary to carry out independent research work throughout your degree as well as in future workplaces. You will be introduced to a range of methodologies used in study and sampling design, data analysis, interpretation of information and presentation.

Mathematics of the Environment II

In this module, through field trips and project work you will develop and use mathematics to explore topics in natural environment and sustainability science.

Natural Hazards and Risk

This interdisciplinary and applied module explores the causes and potentially hazardous consequences of a broad range of natural processes such as floods, storms, earthquakes and volcanic eruptions, techniques for natural hazard assessment and challenges associated with disaster risk reduction and resiliency building.

Nature and Culture

Explores the relationship between nature and culture and how our different conceptualisations and representations of nature have shaped the way we engage with and manage the natural environment. Working through both historical and contemporary ideas about nature and landscape, we look at the changing theorisations of nature as 'out there' to something that is very much a part of our (more than) human existence.

Population and Community Ecology	Develops your expertise in population and community ecology. You'll develop a broad perspective on important issues in both fundamental and applied ecology, including conservation, pest management and sustainable exploitation of resources.	Nature via Nurture	In this module you will learn how, when and why the same underlying genotype generates multiple phenotypes, and the adaptive consequences of such phenotypic plasticity.
Remote Sensing for Environmental Management	Spatial data acquired by satellites and other flying craft are increasingly used in decision-making processes about the natural environment. These 'remotely sensed' data describe the way that electromagnetic radiation interacts with the Earth's surface, and scientists can use these to create dynamic maps of Earth system processes through space and time. In this module you will learn about the different ways that we can use remote sensing to monitor the Earth, starting from the ground and working upwards into space.	Quaternary Environmental Change	This module explores how to reconstruct Quaternary environmental change. You will learn about sedimentary archives, the effects that ice sheets had on the landscape, the use of pollen to interpret past climate change and the dating techniques that have been developed to answer questions about recent Earth history.
The Politics of Climate Change and Energy	What is climate change, why is it important, and what are people doing about it? How will climate policy shape the future of energy systems in the UK? How do we balance the need for new low-carbon technologies with broader social, political and economic requirements of energy systems? This module will address questions like these and cover topics including climate science and policy, and energy systems and policy.	Sustainability	We will look at past and present (un)sustainable development and how the idea of sustainability and sustainable development has emerged.
Time and Place	We explore the relationship between the past, the present and the future, and how this influences the social construction of place. Geographical approaches to studying historic environments and heritage landscapes are investigated, comparing different theoretical perspectives on temporality, materiality and memory.	The Complexity of Human Societies	Investigate the processes of cooperation and conflict involved in the origin, maintenance and collapse of complex societies. Using evolutionary and ecological theory you will examine topics including structural inequalities, division of labour, warfare and population cycles. You will explore how this perspective can address important issues facing the world today, including failed states, environmental sustainability and global disparities in economic development.
Workplace Learning	All students are encouraged to pursue work experience during their time at university. In this module you will develop an academic perspective on one or more issues arising in a workplace setting, linking it to your degree interests. You will also develop skills which should enhance your future employability.	Volcanic Processes and Environments	We will explore the processes that control eruptive activity and the products and environments that result from this. Topics range from physical volcanology to the benefits and challenges that volcanic environments pose for communities living under the influence of volcanoes.
		Waste and Society	In this module you will explore the social significance of waste in conceptual, material and cultural contexts. You will explore how waste is made and handled, how it circulates through global systems, how wasted places are degraded and reclaimed and how ruined places are assigned cultural and aesthetic value.

Year 3

Climate Change and Society	Climate change is not only a scientific issue but one which affects many areas of our everyday lives. This module goes beyond the science of climate change to ask how it is understood in fields as diverse as – for example – economics, policy and art, as humanity faces one of the greatest challenges to its future.
Energy Policies for a Low Carbon Economy	This module explores the idea that any given desired energy system requires a tailored energy policy and examines the building blocks of an energy policy: economic, social, security and environmental goals.
Environment and Empire	Focusing on the British Empire in the 19th and 20th centuries, we explore how global environments have been transformed by the rise and fall of colonial empires. You will critically examine how Western colonial ideologies shaped new ideas and forms of nature, industry, urbanisation, technology, science, environment and society.

Your job this week

Aim:

- To get you thinking about and discussing risk and uncertainty in different contexts

- Where would you place these events on the graph?

- Tsunami in UK, Switzerland, Indonesia, Bangladesh

- Drought in UK, Indonesia, Japan

- Hurricane/Hydrological event in Western Europe, Philippines, Australia, East Coast US

Detriment
to a society

Prob.

Prob



GEOGRAPHY IN EXETER **E**

Our Exeter-based programmes enable you to choose from a range of optional modules allowing you to tailor your programme to suit your developing interests. In the first year you will study human and physical geography modules and develop key skills, ensuring you have an excellent foundation and are well placed to progress successfully through the degree. The second and final years offer you more flexibility to specialise, with optional modules that draw on our research strengths.

You will join a large, energetic community of Geography students and staff presenting a thriving and vibrant environment in which to study. You'll be taught by internationally recognised academic staff whose research feeds directly into challenging new modules, providing you with knowledge that is at the forefront of geographical thought.

Our academic staff are actively involved in research covering a wide range of topics in both human and physical geography and you'll benefit from direct access to the latest thinking in your subject. Our research interests cover most aspects of modern geography, with a particular strength in hydrology, geomorphology and earth surface processes, Quaternary environmental and climatic change, climate mitigation and adaptation, GIS, historical geography, rural geography, nature-culture relations and cultural and political geography. We have strong links with international, national and local research projects including those in the UK and Europe, Iceland, the Middle and Far East, the Pacific Rim, the former Soviet Union and southern Africa, as well as North and South America.

We offer well-equipped experimental laboratories for physical geography to support student research, including a £3.7 million sediment research centre, an IT facility housing high-specification computers with the latest Geographic Information Systems and mapping software and a technical workshop. These facilities are managed by experienced and dedicated technical support staff.

Field work

Field work is an essential part of our Geography programmes in Exeter. You will be introduced to geographical research techniques in core modules and field courses during the first two years of your degree. First and second year modules provide training in research design, use of IT and quantitative and qualitative analytical techniques that form the basis of your geographical investigation in your final year. A combination of day and residential trips are used to introduce you to the key geographical aspects of the South West. In the second and final years, field trips provide an opportunity for you to develop and apply your research skills to wider environments. The main residential field class runs in the second year with past destinations including Brazil, Canada, France, Germany, Iceland, New Zealand, Spain, the USA and the UK.*

Single Honours

BA Geography and BSc Geography

The BA Geography and BSc Geography programmes offer the opportunity for you to tailor your degree to suit your developing interests. The first year of the programmes provides a grounding in both physical and human geography, in preparation for greater flexibility and specialisation in the second and final years. You can choose from a diverse set of optional modules and design a programme to suit your developing interests.

Year 1 You will experience a range of teaching methods and styles in your first year, including lectures, tutorials, practicals and workshops. The first year centres on three core modules: *Concepts in Geography*, *Research Methods for Geographers* and *Geographies of Environment and Sustainability*. Other core modules will introduce you to key ideas, concepts and methods in both physical and human geography, while a range of optional modules are also available.

Year 2 This year comprises core modules that provide training for your research-led dissertation in your final year, and optional modules that allow you to begin to focus your interests. Core modules include the residential field trip and two research training modules. Optional modules allow you to concentrate on just human or physical

geography (depending on your programme), or you can continue to take a combination of human and physical geography modules. A work-based learning module is also available.

Year 3 A big focus of your final year is the research-led dissertation, for which you receive individual supervision from an expert in your chosen field. In addition, you can choose options from a wide selection of advanced, specialist modules in human and physical geography.

BA Geography with European Study and BSc Geography with European Study

These four-year degrees give you an exciting opportunity to spend the third year of your degree at one of our partner universities in Europe, which include Bern, Bordeaux, Cork, Dublin, Göttingen, Graz, Helsinki, Louvain, Munster, Nijmegen, Paris, Poitiers, Santander, Stockholm and Utrecht. This is part of the EU-funded Erasmus programme, for which the University of Exeter is one of a small number of fully recognised UK Geography faculties. Your work during the year abroad is assessed and contributes to your final degree classification and 'with European Study' will be recorded on your degree certificate. During your first, second and final years of study, you will follow the same programme of study as either the BA Geography or BSc Geography.

You may apply for direct entry to these degrees or, exceptionally, students with appropriate language skills can transfer from one of the other degree programmes during their second year. For full details of the year abroad, check the International Office website at www.exeter.ac.uk/international/study/erasmus

Flexible Combined Honours

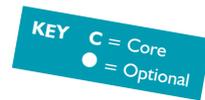
This innovative Combined Honours scheme enables you to combine modules from a number of different fields of study not otherwise available through an existing Combined Honours programme. You can combine Geography with up to two other subjects from an extensive list.

Further information and the full list of available subjects can be found at www.exeter.ac.uk/ug/flexible

*Field course destinations are subject to change.



MODULES IN EXETER



How your degree is structured

The degrees are divided into core and optional modules, giving the flexibility to structure your degree according to your specific interests. Individual modules are worth 15, 30 or 45 credits each. Full-time undergraduates need to take 120 credits in each year. Each year you may take up to 30 credits from another discipline outside of Geography.

Please note that availability of all modules is subject to timetabling constraints and that not all modules may be available every year. Third year modules will be taken in the fourth year of degrees taken with European Study.

For up-to-date details of all our programmes and modules, please check www.exeter.ac.uk/ug/geography

Year 1 Modules

Module Name	BA Geography	BSc Geography
Concepts in Geography	C	C
Earth System Science: The History of Our Planet	●	C
Earth System Science: The Future of Our Planet	●	C
Geographies of Environment and Sustainability	C	C
Geographies of Global Change	C	●
Geographies of Place, Identity and Culture	C	●
Research Methods for Geographers	C	C
Study Skills for Human Geographers	C	
Study Skills for Physical Geographers		C

Year 2 Modules

Module Name	BA Geography	BSc Geography
Applied GIS for Physical Geographers		C
Biogeography and Ecosystems	●	●
Catchment Hydrology and Geomorphology	●	●
Climate Change: Science and Society	●	●
Cold Climate Geomorphology	●	●
Historical Cultural Geographies	●	●
Human Geography Field Trip	C	
Ideas in Geography	C	
Introduction to Remote Sensing		●
Learning from Experience	●	●
Nature, Development and Justice	●	●
Physical Geography Field Trip		C
Political Geographies	●	●
Reconstructing Past Environments	●	●
Research Design in Human Geography	C	
Research Design in Physical Geography		C
Research Methods for Human Geography	C	
Research Methods for Physical Geography		C
Social Geography	●	●
Volatile Planet	●	●

Year 3 Modules

Module Name	BA Geography	BSc Geography
Advanced Earth Surface Dynamics	●	●
Animal Geographies	●	●
Carbon Societies: Risk, Consumption and Governance	●	●
Climate Change and Its Impacts	●	●
Cultural Geographies of Landscape	●	●
Dating Techniques	●	●
Dissertation	C	C
Environmental Feedbacks to Climate Change	●	●
Environmental Modelling	●	●
Gender and Geography	●	●
Geographies of Creativity, Economy and Society	●	●
Geographies of Health	●	●
Geographies of Heritage and Memory	●	●
Geographies of Material Culture	●	●
Geographies of Rurality	●	●
Geographies of Science, Politics and Publics	●	●
Geographies of Technology	●	●
Geographies of the State	●	●
Geographies of Transport and Mobility	●	●
Images of the Earth	●	●
Landscape Dynamics	●	●
Landscape Systems Management	●	●
Lessons from Climates Past	●	●
Making Carbon Public: Risk, Climate and the Politics of Energy	●	●
NIMBYism and the Low Carbon Transition	●	●
Peatland Ecosystems	●	●
The Cryosphere	●	●
The Geographies of Monsters: Science, Society and Environmental Risk	●	●
The Oceans and Climate	●	●
Tropical Forests in a Changing World	●	●
Tropical Palaeoecology and Palaeoclimatology	●	●
Weather	●	●

MODULES IN EXETER CONTINUED

Year 1

Concepts in Geography	Introduces the major contexts in which modern geography operates, including its historical roots, the development of the discipline since 1945 and the relationships between the social and natural sciences within geography.
Earth System Science: The Future of our Planet	Provides an introductory understanding of the processes operating within the contemporary Earth System, and how these may change in the coming centuries. The module examines the geosphere, ocean and atmosphere, cryosphere and biosphere, and how these systems have been, and may continue to be, influenced by human and naturally induced environmental changes.
Earth Systems Science: The History of our Planet	Provides an introductory understanding of the development of the Earth System over the past 4.5 billion years. The module examines the role of the Sun, the inner Earth and the evolution of life in shaping the Earth system and creating a world in which humans could evolve. It explores the causes of past climate changes on all timescales, with a special focus on the recent Quaternary ice age cycles.
Geographies of Environment and Sustainability	Provides an interdisciplinary understanding of relationships between natural and human systems and sustainable development. Introduces students to a range of debates related to past environments and their reconstruction, the development of environmental philosophy and politics in the recent past, the meaning and construction of 'sustainable development' and the key relationships between environmental systems, human behaviour and environmental management.
Geographies of Global Change	Provides an overview of contemporary debates related to geographies of globalisation. Provides a sound knowledge of the key processes within globalisation and the range of theoretical perspectives taken towards the notion of globalisation.
Geographies of Place, Identity and Culture	Provides an overview of contemporary debates related to notions of place. It provides a broad knowledge of some key subdisciplinary fields within the subject, including social geography, rural geography, urban geography, cultural geography and historical geography.
Research Methods for Geographers	Provides a broad introduction to research in geography and the methodological approaches that geographers use in their scholarship. The module is designed to provide all undergraduate Stage 1 geographers with an understanding of how geographers do research and the basis for developing skills that will be relevant to both their subsequent stages of study and in employment after graduation.
Study Skills for Human/Physical Geographers	An essential toolkit for the undergraduate degree, raises awareness of your role within the learning process, easing transition to university-level study and independent learning, and provides a range of specialist and generic skills through small-group tutorials.

Year 2

Applied GIS for Physical Geographers	Provides an understanding of theoretical and practical skills required to capture, store, manage, manipulate, analyse and present a range of geographically referenced data in a GIS environment.
Biogeography and Ecosystems	Provides an introduction to biogeography and ecosystem functioning concepts, to outline some of the most important environmental issues affecting the biosphere, and give an overview of the techniques used to quantify, monitor and predict changes in current ecosystems patterns and implications for the future of our planet.
Catchment Hydrology and Geomorphology	Explains the main hydrological and geomorphological processes operating in drainage catchments in terms of their measurement, operation and controlling factors, relationship to landform development and past and future changes, including the role of human impacts.
Climate Change: Science and Society	Develops your skills in the scientific and social scientific analysis of global climate change, using perspectives from physical and human geography, economics and politics. It will give you a grounding in climate and society relations, economic principles, ethical dimensions and the governance of climate hazards, energy and greenhouse gas emissions. You will be challenged to think about the interlinked human and physical geographic dimensions of climate change by examining a series of present-day 'climate conundrums'.
Historical and Cultural Geographies	Introduces the current themes and debates that are being discussed by historical cultural geographers. The module explores how different philosophies of knowledge impact the formation of society; investigates how different stages of capitalism result in changing geographies; addresses the changing impacts on the natural and built environment over time; and examines the intersections between society and power.
Ideas in Geography	This module focuses on the place of social theory in the development of research agendas in contemporary human geography and provides a framework for understanding the different uses of concepts, theories and philosophical ideas in the discipline.
Political Geographies	Introduces the varied and vibrant sub-discipline of political geography and some of the core theoretical ideas and developments. You'll also study two substantive areas within political geography – the state, and the international arena.
Volatile Planet	The module provides an interdisciplinary understanding of relationships between natural and human systems that govern the triggers for and management of natural disasters.

Year 3

Climate Change and Its Impacts

Reviews the physical science basis of climate change, including evidence for anthropogenic climate change, and debates future climate change predictions. The module then focuses on the impacts of climate change from both sectoral (water, ecosystems, food, coast, health, singular events) and regional perspectives. It will also briefly summarise some climate adaptation and mitigation strategies.

Cultural Geographies of Landscape

Offers an in-depth consideration of cultural geographical writing on landscape and topics such as embodiment, affect, performance, the visual arts, nature and the self.

Environmental Feedbacks to Climate Change

Terrestrial ecosystems currently absorb 25 per cent of the CO₂ we release to the atmosphere, reducing the rate of climate change. However, there is uncertainty regarding how these ecosystems will respond in the future. This module looks at the potential for plants to remove carbon from the atmosphere, versus the potential for increased CO₂ release as soils warm, permafrost melts, and droughts and fires become more frequent.

Gender and Geography

This module explores the relationship between gender and space. Through a range of theoretical debates and empirical examples you will investigate the nature and importance of gender difference within key areas of human geography. You will be introduced to a variety of topics which will build up a rich picture of how experiences are shaped by our assumptions about gender difference and social and cultural constructions of masculinity and femininity.

Geographies of the State

Provides an opportunity for you to develop your own viewpoints on a range of issues relating to government, states and power. It exposes you to a range of contentious, and often intractable, debates and is intended to encourage you to think deeply and critically about how modern societies should be ruled and organised.

Landscape Dynamics

The surface of the Earth is composed of diverse landscapes that evolve over timescales ranging from minutes to millions of years and are a product of both natural environmental drivers (eg, tectonics, climate, sea level) and human activities (eg, land use, flood control, coastal management). This module will give you an overview of the mechanisms that control the evolution of a variety of landscapes and you will apply a range of laboratory and computer simulation models to explore landscape processes and responses to natural and human-induced environmental change.

Weather

Atmospheric processes (weather) affect the world's population. This module examines the physical mechanisms that produce weather, from the global energy budget and atmospheric composition to latitudinal weather types and the regional to local scale processes responsible for the formation and triggering of a wide range of weather events. You will explore recent advances in numerical modelling and consider the importance of weather within society.





LEARNING AND TEACHING

Teaching is through lectures, seminars, tutorials, laboratory classes and field work. Tutorials complement lectures by encouraging you to explore issues in small-group discussion meetings (around seven to eight students per group). In both Cornwall and Exeter we have well-equipped laboratories with the latest scientific teaching equipment.

In your first year you'll have a minimum of 10 hours of direct contact time per week and will be expected to supplement your lectures with independent study. You should expect your total workload to average about 40 hours per week during term time.

We believe every student benefits from being part of a research-inspired culture and taught by experts. You will discuss the very latest ideas in seminars and tutorials and, in appropriate degree programmes, you will become an active member of a research team. We have strong links with international, national and local research projects including those in the UK and Europe, Iceland, the Middle and Far East, the Pacific Rim, the former Soviet Union and southern Africa, as well as North and South America.

All students have access to the latest geographical information systems (GIS) and mapping software. As support for lectures, seminars and tutorials, we use video-conferencing and webcasting. We're actively engaged in introducing new methods of learning and teaching, including increased interactive computer-based approaches to learning through our virtual learning environment, where the details of all modules are stored in an easily navigable website. Students can access detailed information about modules and learning outcomes and interact through activities such as the discussion forums, blogging and virtual field trips. The virtual field trips integrate video and audio data, maps, datasets, documents and published research to help you develop field work and analytical skills that are firmly grounded in the real world.

Assessment

Your progress is monitored through tutorial work and practical assessments. The final degree mark is based on approximately 50 per cent exam-based and 50 per cent coursework-based assessments. The latter include a final year dissertation, which is an independent research project in which you study the topic that excites you most. The modules taken in the first year must be passed to progress to the second year but the marks obtained do not influence your final degree classification.

Study abroad

We offer a number of four-year programmes which allow you to spend your third year studying at a partner institution overseas. The opportunity to study abroad can greatly enhance your employability skills and build your confidence and competencies.

If you take one of our four-year Geography with European Study degrees based at the Streatham Campus, you will spend your third year studying abroad at one of our partner universities in Europe. Alternatively, our 'with Study Abroad' degrees, available at both the Penryn and Streatham campuses, enable you to spend time at an international partner institution outside Europe.

Students on any of our three-year Single Honours degree programmes, on both campuses, may have the opportunity to apply to transfer to a four-year programme once studying at the University of Exeter, but places will be limited and available subject to a competitive process.

Professional Placement (Programmes delivered at the Penryn Campus, Cornwall only)

Our four-year 'with Professional Placement' programmes include a professional placement year between the second and final years. During the placement year you will gain valuable experience from working in an appropriate business or industry and will benefit from our established collaborations with local, national and multinational organisations. You could undertake your placement year with a variety of companies, such as conservation charities, ecological and environmental consultancies, nongovernmental organisations, museums, botanical gardens, international research institutes, and many more.

Our students find work placements very beneficial. As well as increasing your first-hand knowledge, a professional placement will improve your personal and transferable skills and will help you to make new contacts and enhance your employability.

Academic support

All students have a personal tutor who is available for advice and support throughout your studies, as well as a group of dedicated first year tutors whose role is to support your transition to university-level learning. In addition, all students in Geography are represented through Student-Staff Liaison Committees and can regularly feed back through module and course evaluations. There are also a number of services on both campuses where you can get advice and information, including the Students' Guild Advice Unit. You can find further information about all the services in the University's undergraduate prospectus or online at www.exeter.ac.uk/undergraduate



Geography is an exciting, varied course, which feels a bit like studying ten different subjects in one! You will never get bored studying Geography at the University of Exeter, and the range of support available means that there are certainly opportunities to reach top-level results. Geography lecturers are very approachable which is essential when requiring help.

Zoe Sturgess, BA Geography, Streatham Campus

CAREERS

No matter what your ambitions, aspirations or career choice may be there has never been a better, or more significant, time to study geography, environmental science and human sciences. Key global issues such as climate change, migration, environmental degradation and social cohesion are not only at the forefront of socio-political philosophies and attitudes, but are also deep-rooted within the subject matter you'll study, making your degree one of the most relevant courses that you could choose to study.

In your second year you can choose to take a work experience module: *Workplace Learning* in Cornwall or *Learning from Experience* in Exeter. Many of our students also take part in the Exeter Award and the Exeter Leaders Award. These schemes encourage you to participate in employability-related workshops, skills events, volunteering and employment which will contribute to your career decision-making skills and success in the employment market.

A Geography, Environmental Science or Human Sciences degree from the University of Exeter will equip you with the experience and skills to help you progress into further study or employment. The breadth of career opportunities open to graduates is vast, with recent graduates starting careers in planning, environmental and sustainability projects, water analysis, insurance, teaching and more – both in the UK and overseas. Whatever path you want to follow after graduation, we're here to help and support you with all your career and employability needs.

For further information see www.exeter.ac.uk/ug/geography/careers

Examples of the destinations of our recent graduates:

Occupations

Land Management and Conservation Adviser // Remote Sensing Technician // Insurance Consultant // Graduate Trainee Consultant Surveyor // River and Coastal Engineer Trainee // Planning Technician // Environmental Education Leader // Sustainable Projects and Marketing Coordinator // Graduate Transport Planner // Trainee Ranger // Project Manager // Management Consultant

Employers

United Kingdom Hydrographic Office // The National Trust // Wild Media // Environment Agency // Cornwall Sustainable Energy // Coca Cola // British Army // Natural England // UNICEF // Viridor // Reckitt Benckiser // County Councils Nationwide

Examples of subjects or further study followed by our graduates:

- Sustainable Development
- Critical Human Geographies
- Climate Change
- Food Security
- Surveying
- Geophysical Hazards
- Globalisation
- Human Geography
- International Development Studies
- PGCE Geography
- Real Estate



The West Penwith field trip is definitely the most inspirational and memorable experience. When I looked at Cornish landscape, I saw the remnants of Cornish mining which go back centuries and saw how miners influenced the rest of the world. This experience has allowed me to think about how societies have evolved and how culturally we are changed by what is going on around us, leading to a better understanding of the natural environment. It was just brilliant to get out and see the living history of a working tin mine at the Geevor Tin Mine.

Zoe Wong, BA Geography, Penryn Campus



ABOUT THE UNIVERSITY OF EXETER

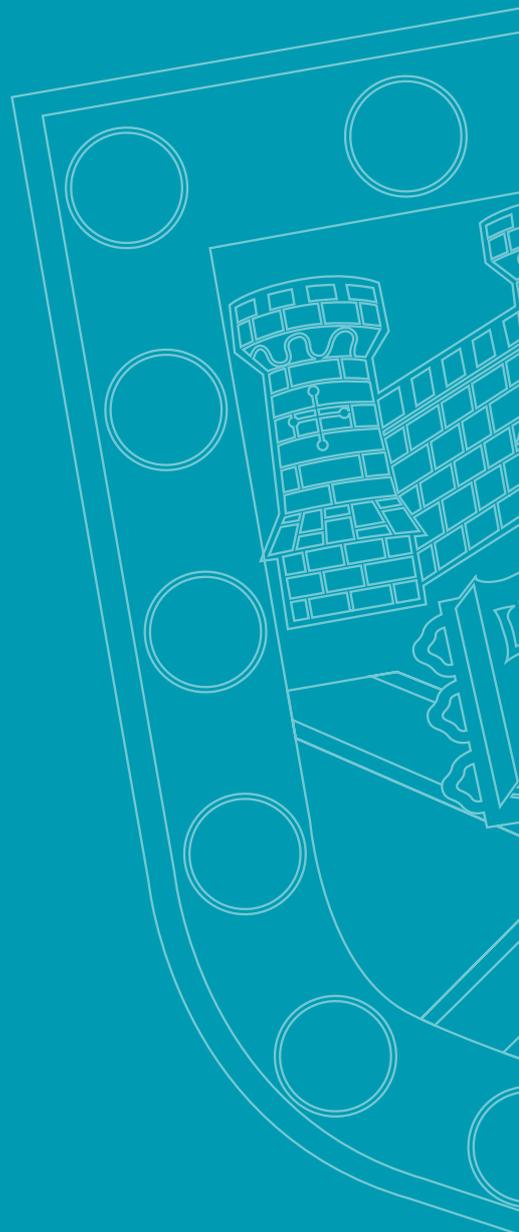
Ranked in the top 100 universities in the world

Top 10 in all major UK league tables

7th in *The Times and The Sunday Times Good University Guide 2016*

Our teaching is inspired by our research, 82% of which was ranked as world-leading or internationally excellent in the 2014 Research Excellence Framework

Six months after graduation, 95% of our first degree graduates were in employment or further study (HESA 2013/14)



VISIT US TO FIND OUT MORE

Open Days

You can register your interest now for our Open Days and receive priority access to book your place*; visit www.exeter.ac.uk/ug/opendays

* Pre-registration only guarantees priority access to the booking system and is not an absolute guarantee of a place at any of our Open Days. Booking is essential and is on a first-come, first served basis.

Exeter campuses:

Friday 3 June 2016

Saturday 4 June 2016

Saturday 1 October 2016

Penryn Campus, Cornwall:

Saturday 11 June 2016

Saturday 24 September 2016

Campus Tours

We run campus tours at the Streatham Campus each weekday during term time, and at the Penryn Campus on Wednesday and Friday afternoons. You will be shown round by a current student, who will give you a first-hand account of what it's like to live and study at the University.

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email: visitus@exeter.ac.uk

Cornwall phone: +44 (0)1326 371801,
email: cornwall@exeter.ac.uk

www.exeter.ac.uk/ug/geography



Find us on Facebook and Twitter:
www.facebook.com/exeteruni
www.twitter.com/uniorexeter

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