

Geography

Undergraduate Handbook 2018



THE UNIVERSITY OF
AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

SCIENCE

SCHOOL OF ENVIRONMENT

Welcome to the School of Environment

Geographers study the natural processes of the physical environment, as well as the activities and consequences of humans in this environment.



Geography is a well-established subject at our University, and is available to students studying both Bachelor of Science and Bachelor of Arts degree programmes. Undergraduate studies in Geography feature practical real-world experiences and field trips form an important part of several courses. The core second and third year field courses are especially popular and offer students the opportunity to apply their learning outside the classroom.

Undergraduate Geography is an excellent foundation for a wide range of careers and several options for postgraduate study. The school provides the opportunity to undertake postgraduate research across a range of topics alongside many of New Zealand's leading scientists and social scientists. We have an impressive array of field equipment and analytical facilities to support our research activities.

I am confident that you will find studying Geography a satisfying and rewarding experience, and we look forward to working with you to meet your academic goals.

PROFESSOR PAUL KENCH
Head of School

Geography is no.



ranked

34

in the world

QS World University Rankings by
Subject 2017

Undergraduate studies in Geography

Geography is exciting, challenging and relevant to today's world.

Some geographers specialise in coastal, glacial or fluvial processes and landforms, climatology, biogeography, hydrology or environmental change. Others explore the transformation of urban places, globalisation and its effects, migration and population change, cultural economies of tourism, wine and fashion, international education, environmental management, values and political contest, social change in New Zealand and the Pacific region, or issues of ethnicity and identity. Still others, specialising in spatial analysis, bring the power of geographic information science to bear on a wide range of research problems. Increasingly, these varied interests are coming together in the study of environmental problems and geographers lead the way in resource management.

Geography teaches valuable skills such as spatial data analysis and geographical information systems, landform and hydrological interpretation, introduction to population and economic statistics, computing skills, field and research skills and ethics. Geography demands good analytical and reporting skills, and our students apply their training in real world situations.

The Geography major includes field courses that involve several days in the field away from Auckland. These are a popular feature of the Geography major and provide a valuable opportunity to apply your learning to the real world.

If you have studied Geography in secondary school we will build upon your experience. If not, our Stage I courses will quickly bring you up to speed. You will find that geographers have a world of opportunity for study.

A choice of degrees: BA or BSc

Whether you are studying Geography to complete a Bachelor of Arts or a Bachelor of Science degree programme the Geography courses are the same, the difference is with the other subjects you include to complement your studies.

Geography is a natural complement to most sciences, social sciences, as well as humanities. You may choose to combine Geography with subjects from the Bachelor of Arts schedule such as Anthropology, English, Film Studies, History, Sociology, Philosophy or Political Science. Alternatively, you may combine courses in Geography with science subjects like Biological Sciences, Chemistry, Earth Sciences, Environmental Science, Marine Science, Psychology, Physics or general education courses from the BSc schedule. You could also combine Geography with Commerce subjects like Economics or with Law in a conjoint degree so as to concentrate your studies on a particular aspect of our environment.

www.science.auckland.ac.nz/doublemajors

www.science.auckland.ac.nz/environment-future-UG



Planning your major

BSc

Year 1

GEOG 101

GEOG 102

NOTE: Geography majors must complete at least 45 points from GEOG 101, 102, 202 and (GEOG 261 or 262).

If students intend to continue into Stage III physical geography, it is recommended they take both GEOG 261 and 262.

Year 2

GEOG 250

GEOG 202
or one of
261/262

GEN ED

Any Stage

Year 3

GEOG
315 or 330

GEOG
302-362 or
EARTHSCI
360

GEOG
302-362 or
EARTHSCI
360

GEOG
302-362 or
EARTHSCI
360

Stage III Science

Stage II or III Science

GEN ED

Students intending to progress to the BSc Honours programme must complete at least 6 stage III courses.

For course descriptions: www.science.auckland.ac.nz/environment-UG

1. Courses in a minimum of three subjects listed in the BSc Schedule
2. At least 180 points (12 courses) must be above Stage I
3. Up to 30 points (two courses) may be taken from outside the Faculty
4. 30 points (two courses) must be taken from the appropriate General Education Schedules for BSc students
5. At least 75 points must be at Stage III, of which 60 points must be in the majoring subject

To view regulations for majors, and course descriptions, see www.calendar.auckland.ac.nz
BSc degree requires: 360 points (24 x 15 point courses). Each box represents one 15 point course.
It is recommended that students enrol in eight courses each year.

Undergraduate Geography Courses

Course code	Course title	Semester
Stage I		
EARTHSCI 105	Natural Hazards in New Zealand	1
GEOG 101	Earth Surface Processes and Landforms	1, 2
GEOG 102	Geography of the Human Environment	1, 2
GEOG 103	Mapping Our World	Summer
GEOG 104	Cities and Urbanism	2
Stage II		
GEOG 202	Cities, Regions and Communities	1
GEOG 205	Environment and Society	Summer, 2
GEOG 210	Introduction to GIS and Spatial Thinking	2
GEOG 250	Geographical Research in Practice	1
GEOG 260	Field Studies in Earth Surface Processes	2
GEOG 261	Climate, Hydrology and Biogeography	1
GEOG 262	Geomorphology	2
Stage III		
GEOG 305	Population, Health and Society	2
GEOG 307	Urban Geography	1
GEOG 312	Geographies of Pacific Development	1
GEOG 315	Research Design and Methods in Human Geography	2
GEOG 317	Remote Sensing and GIS	1
GEOG 318	GIS Principles and Practice	2
GEOG 320	Resources and Environmental Management	1
GEOG 322	Culture and Environment in East Asia	2
GEOG 324	Critical Perspectives on Sustainable Development	2
GEOG 325	The Human Dimension of Disasters	1
GEOG 327	Special Topic: Politics, Markets and Economies	2
GEOG 330	Research Methods in Physical Geography	2
GEOG 331	Fluvial Geomorphology	1
GEOG 332	Climate and Environment	1
GEOG 334	Environmental Change	2
GEOG 351	Coastal and Marine Studies	1
Other complementary courses		
MARINE 100G	The Ocean Around Us	1
SCIGEN 101	Communicating for a Knowledge Society	1
MARINE 202	Principles of Marine Science	1
SCIGEN 201	Innovating for a Knowledge Society	1
MARINE 302	Dynamics of Marine Systems	2
SCIGEN 301	Engaging in a Knowledge Society	1

Careers in Geography

A Geography degree is more than a passport to a wide range of careers; it gives graduates an edge to their careers. Many of our graduates use their training directly in the workplace, while others find the broad education and flexible skills developed in Geography are in high demand in the job market. Geographers can be found working in a wide range of occupations in an equally wide range of organisations. In recent years, Geography graduates have found careers in the following areas:

Environmental and resource management

A key area of employment for geographers is in environmental and resource management, where they find careers in local, regional and national government agencies and in private consultancies.

Policy and planning

Broad analytical and communication skills mean that both human and physical geographers are sought after by government authorities and private firms.

Science

Many organisations employ geographers as environmental scientists. These include Crown Research Institutes, environmental consultancies, and regional and district councils.

Geographic Information Science (GIScience)

Geographers are in high demand for their skills in applying GIS to diverse tasks. Employers include government agencies and a range of private companies.

Education

Many positions for geographers can be found in education at all levels. A Graduate Diploma in Secondary Teaching, for example, may be taken after a BSc or BA.

Commerce

The skills you learn in geography are applicable to careers in commerce and industry. This could involve working in marketing, human resources, business advising and project management.

Postgraduate studies

Postgraduate programmes such as BA or BSc (Honours), postgraduate diplomas and masters degrees are often good options for developing a career path. Studying Geography in both the BA and BSc programmes is an excellent foundation for a range of advanced, postgraduate programmes, including Environmental Management, Environmental Science and Geography.

Dan Brady is studying toward a Bachelor of Arts with a double major in Geography and Anthropology.

"I've always been passionate about understanding why people do what they do. By studying culture we can gain a nuanced understanding of our world."

"Human Geography looks at communities, culture, economies and the environmental implications of people."

"I love the social aspects of Geography. Many of the classes have group-based activities and you end up making lots of friends throughout your university life."

"My aim is to one day head into a line of work where I can help people such as local government, consulting or non for profit organisation (NGO)."



Helpful information

Academic dates

www.auckland.ac.nz/dates

Academic Integrity Course

www.auckland.ac.nz/academic-integrity

Accommodation

www.accommodation.auckland.ac.nz

Buy coursebooks

www.science.auckland.ac.nz/resource-centre

Career Development and Employment Services

www.auckland.ac.nz/careers

Course advice and degree planning in Science

www.science.auckland.ac.nz/student-centre

General education

www.auckland.ac.nz/generaleducation

How to apply

www.apply.auckland.ac.nz

How to enrol

www.auckland.ac.nz/enrolment

International students

www.international.auckland.ac.nz

Māori and Pacific students

www.science.auckland.ac.nz/tuakana

Need help?

www.askauckland.ac.nz

Rainbow Science Network for LGBTI students

www.science.auckland.ac.nz/rainbowspace

Scholarships and awards

www.scholarships.auckland.ac.nz

Support for students

www.science.auckland.ac.nz/support

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Applications for new students close on 8 December for Semester 1 or 1 December for summer school.

Existing students are encouraged to enrol in their papers promptly before the start of the relevant semester.

**Questions about Geography?
environment@auckland.ac.nz**

Disclaimer

Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide only for students and is subject to alteration. All students enrolling at the University of Auckland must consult its official document, the University of Auckland Calendar, to ensure that they are aware of and comply with all regulations, requirements and policies.



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NEW ZEALAND

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