Welcome to the School of Environment

Geography is one of the core subjects offered by the School of Environment at the University of Auckland.

As one of the leading schools* of its type in Australasia we offer a diverse range of teaching programmes and opportunities for undergraduate and postgraduate study. The School houses a vibrant community of more than 50 instructors and researchers. Collectively, this mix of interests creates a rich and stimulating teaching and research environment.

New Zealand and the South Pacific region offer an exciting environmental laboratory to examine a range of globally relevant research questions. Studying with us at Auckland provides the perfect gateway to access this unique natural laboratory.

*www.science.auckland.ac.nz/excellence

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, School of Environment

GEOG 250 field exercises. Cover photo by J. Fagan.

GEOG 101 field trip. Photo by J. Fagan.
Undergraduate studies in Geography

Geography is exciting, challenging and relevant to today’s world. Geographers study the natural processes of the physical environment, as well as the activities and consequences of humans in this environment. 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.

All Geography majors take part in field courses that involve several days in the field away from Auckland. These are a popular feature of the Geography programme 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

Geography may be studied as a major in either 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 Arts subjects like Anthropology, English, Film Studies, History, Sociology, Philosophy, or Political Science in a BA degree. Alternatively, you may combine courses in Geography with science subjects like Biological Science, Chemistry, Environmental Science, Geology, Marine Science, Physics or Science General for a BSc. 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

To view regulations for majors, and course descriptions, see www.calendar.auckland.ac.nz
For more information on UG study in Geography visit science.auckland.ac.nz/environment-future-UG
# Planning your major

## BSc

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 101</td>
<td>GEOG 102</td>
<td>GEOG 250</td>
</tr>
<tr>
<td>GEOG 315 or 330</td>
<td>GEOG Stage III</td>
<td>GEOG Stage III</td>
</tr>
<tr>
<td>GEOG Stage III</td>
<td>GEOG Stage III</td>
<td>GEOG Stage III</td>
</tr>
</tbody>
</table>

Stage II courses are recommended preparation for specific Stage III courses.

1. Courses in a minimum of three subjects listed in the BSc Schedule.
2. At least 180 points (12 courses) must be above Stage 1.
3. Up to 30 points (2 courses) may be taken from outside the Faculty.
4. 30 points (2 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.

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### The average number of years it takes to complete a Bachelor of Science degree

3

### You can choose either a single or double major
Geography Majors must complete at least three of the following a) - d)

a) GEOG 101
b) GEOG 102
c) GEOG 202
d) GEOG 261 or 262

Students intending to progress to a BA Honours or BSc Honours programme must complete at least 6 Stage III courses.

GEOG 101 field exercises. Photo by J. Fagan.
## Undergraduate Geography Courses

<table>
<thead>
<tr>
<th>Course code</th>
<th>Course title</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stage I</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EARTHSCL 105</td>
<td>Natural Hazards in New Zealand</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 101</td>
<td>Earth Surface Processes and Landforms</td>
<td>1, 2</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Geography of the Human Environment</td>
<td>1, 2</td>
</tr>
<tr>
<td>GEOG 103</td>
<td>Mapping Our World</td>
<td>Summer</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>Cities and Urbanism</td>
<td>2</td>
</tr>
<tr>
<td><strong>Stage II</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 202</td>
<td>Cities, Regions and Communities</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 205</td>
<td>Environment and Society</td>
<td>Summer, 2</td>
</tr>
<tr>
<td>GEOG 210</td>
<td>Introduction to GIS and Spatial Thinking</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 250</td>
<td>Geographical Research in Practice</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 260</td>
<td>Field Studies in Earth Surface Processes</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 261</td>
<td>Climate, Hydrology and Biogeography</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 262</td>
<td>Geomorphology</td>
<td>2</td>
</tr>
<tr>
<td><strong>Stage III</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 305</td>
<td>Population, Health and Society</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 307</td>
<td>Urban Geography</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 312</td>
<td>Geographies of Pacific Development</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 315</td>
<td>Research Design and Methods in Human Geography</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 317</td>
<td>Remote Sensing and GIS</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 318</td>
<td>GIS Principles and Practice</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 320</td>
<td>Resources and Environmental Management</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 322</td>
<td>Culture and Environment in East Asia</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 324</td>
<td>Critical Perspectives on Sustainable Development</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 325</td>
<td>The Human Dimension of Disasters</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 330</td>
<td>Research Methods in Physical Geography</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 331</td>
<td>Fluvial Geomorphology</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 332</td>
<td>Climate and Environment</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 334</td>
<td>Environmental Change</td>
<td>2</td>
</tr>
<tr>
<td>GEOG 351</td>
<td>Coastal and Marine Studies</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 352</td>
<td>Landscape, Environment and Heritage</td>
<td>2</td>
</tr>
<tr>
<td><strong>Other complementary courses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCIGEN 101</td>
<td>Communicating for a Knowledge Society</td>
<td>1, 2</td>
</tr>
<tr>
<td>SCIGEN 201</td>
<td>Innovating for a Knowledge Society</td>
<td>1</td>
</tr>
<tr>
<td>MARINE 201</td>
<td>Principles of Marine Science</td>
<td>1</td>
</tr>
<tr>
<td>SCIGEN 301</td>
<td>Engaging in a Knowledge Society</td>
<td>2</td>
</tr>
</tbody>
</table>
Careers in Geography

A Geography degree is more than a passport to a wide range of careers; it gives graduates an edge in 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

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.

Studying geography is fun, active and applied. Geography challenges students to understand and transform real world issues and problems. By engaging with the people and landscapes around them, Geographers gain knowledge and transferrable skills which are applicable to a wide range of careers.

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.
Useful contacts

We encourage you to discuss your undergraduate programme with one of the advisers below:

Geography Advisers

Joe Fagan  
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Auckland 1010

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School of Environment  
Building 302,  
Level 5, Room 531,  
23 Symonds Street,  
Auckland 1010

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/rainbowscience

Scholarships and awards  
www.scholarships.auckland.ac.nz

Support for students  
www.science.auckland.ac.nz/support

Applications close on December 8.

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