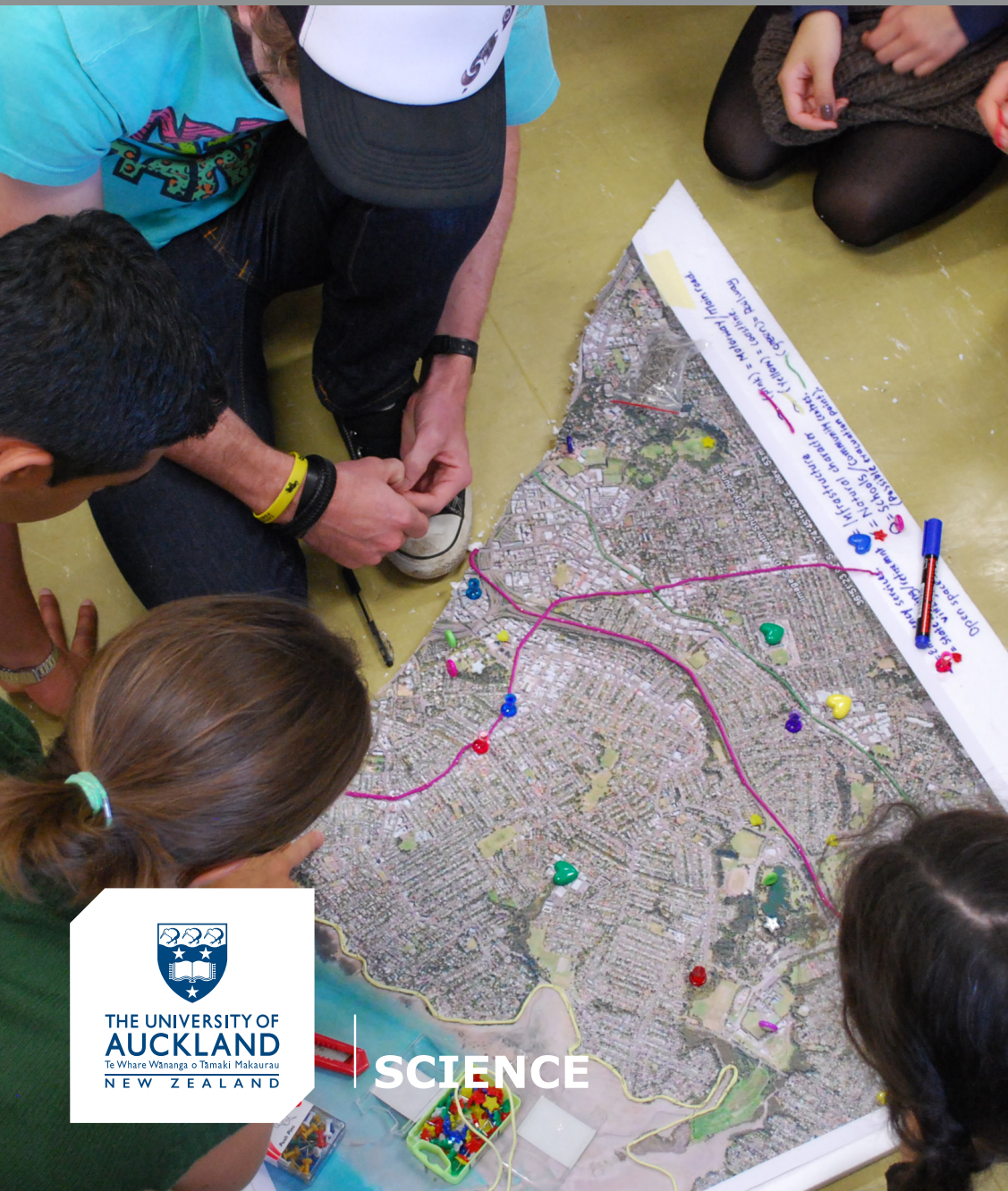


ENVIRONMENTAL MANAGEMENT

POSTGRADUATE HANDBOOK

2017



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

SCIENCE

Welcome to Environmental Management

Environmental Management is a well-established postgraduate programme at the University of Auckland. It is offered by the School of Environment. We offer a diverse range of teaching programmes and opportunities for postgraduate study.



The School of Environment houses a vibrant community of more than 50 instructors and researchers. The mix of interests creates a rich training and research environment.

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

Postgraduate study in Environmental Management is an excellent step toward a number of careers and is a strong foundation for postgraduate research. The School of Environment provides students with the opportunity to undertake research across a range of topics alongside many of New Zealand's leading scientists.

We have an impressive array of field equipment and analytical facilities to support our research activities. The School of Environment has a talented group of postgraduate students from around the world who help to provide a stimulating and supportive environment for your studies.

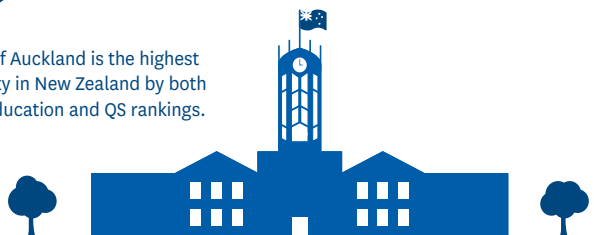
I am confident that you will find studying Environmental Management at the University of Auckland a satisfying and rewarding experience, and we look forward to working with you to meet your academic goals

PROFESSOR PAUL KENCH
Head
School of Environment

THE FACULTY OF SCIENCE

no. 1
ranked

The University of Auckland is the highest ranked university in New Zealand by both Times Higher Education and QS rankings.



Postgraduate studies and research in Environmental Management

What is Environmental Management ?

Environmental Management is a set of policy, regulatory, advocacy and market-based mechanisms which transform human behaviour to achieve society's goals for the environment.

Environmental Management is offered at a postgraduate level to enable students with strong disciplinary skills to gain the understanding and critical thinking required to become environmental stewards, policy makers and managers.

Consequently, our programmes emphasise the application of your existing knowledge to environmental problem solving.

The postgraduate programme in Environmental Management has witnessed considerable growth since its inception, doubtless because of its close connections with cognate programmes and readily combinable courses in Environmental Science, Geography and other teaching subjects at the University of Auckland.

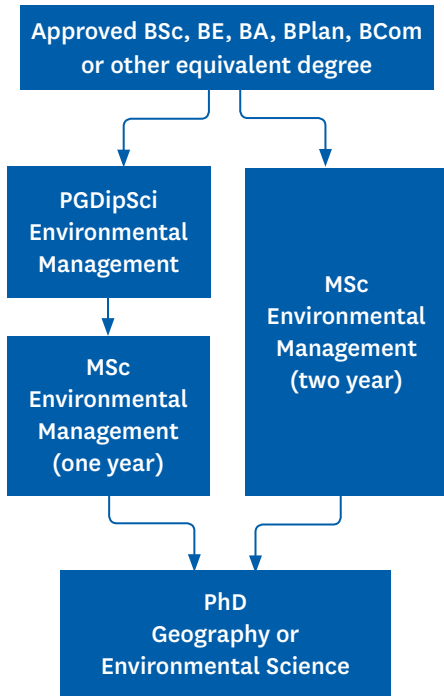
The Postgraduate Diploma in Science (PGDipSci) in Environmental Management includes consideration of systems approaches, sustainable development, social and cultural drivers, economics, participatory processes, policy and governance. In addition, you may take courses from a range of associated disciplines including environmental science, geography, planning, law, biology, politics, population health and development studies.

Environmental Management qualifications pathway

We welcome students from diverse backgrounds. The entry requirement for the PGDipSci in Environmental Management is an approved BA, BCom, BE, BSc, BPlan, LLB or equivalent degree. To be considered eligible for entry to the PGDipSci in Environmental Management students must have at least C+ average in their best five courses at Stage III. The postgraduate diploma can normally be completed in one year and is made up of eight courses, as specified in the programme table.

The Master of Science (MSc) in Environmental Management is a research degree. It is normally taken as a one year (full-time) programme following a PGDipSci, with admission requiring an average grade equivalent to at least B-. Alternatively, it may be taken as a two-year (full-time) programme with a first year of taught courses, as with the PGDipSci, and then a thesis research project in the second year. In both cases students must have an approved research proposal and the support of a supervisor in order to commence the thesis year.

The degree of Doctor of Philosophy (PhD) may be of interest to students looking to pursue advanced research in Environmental Management. However, as Environmental Management is not offered as a PhD subject, students usually take their PhD in either Environmental Science or Geography. See www.science.auckland.ac.nz/phd for more information.



Postgraduate Diploma in Science (Environmental Management)

The PGDipSci in Environmental Management emphasises the use of interdisciplinary knowledge in pursuit of sustainable development. We aim to provide students with a sound understanding of the ecological, social and economic factors which underlie environmental problems and drive environmental change, as well as the processes, tools and methods that can be applied to them.

The programme draws on a wide range of expertise from within and outside the School of Environment. A key feature of the programme is that it draws students from a variety of backgrounds. This diversity enriches the programme and provides valuable learning and networking opportunities.

As indicated in the table of programme requirements, some elements of the programme are prescribed, while others enable choices which reflect your interests. Choose your 'electives' carefully and seek advice where appropriate. Note also that some electives will require special permissions.

Students can start course work in March or July and take the programme full time or part time.

Habitat management. Photo credit: Brad Coombes



The PGDipSci (Environmental Management) programme

**One core, research preparation course
(15 points)**

GEOG 701 (Semester 1) **15 points**
Research in Practice

**At least four courses from the following
(60 points)**

ENVMGT 741 (Semester 1) **15 points**
Social Change for Sustainability

ENVMGT 742 (Semester 2) **15 points**
Social Dimensions of Global Environmental
Change

ENVMGT 743 (Semester 2) **15 points**
Environmental Policy

ENVMGT 744 (Semester 1) **15 points**
Resource Management

ENVMGT 746 (Semester 1) **15 points**
Collaborative Environmental Management

**Up to three courses from 700 level courses
as approved by the programme adviser
(45 points)**

A range of courses from the following subjects have been pre-approved as appropriate choices for the PGDipSci in Environmental Management:

Biological Science (**BIOSCI**), Development Studies (**DEVELOP**), Environmental Science (**ENVSCI**), Geography (**GEOG**), Environmental Law (**LAWENVIR**), Planning (**PLANNING**), Population Health (**POPLHLTH**) and Psychology (**PSYCH**).

For more information, go to:

www.env.auckland.ac.nz/pgdipsci_env_management

Elective courses beyond the pre-approved ones may be considered on a case-by-case basis depending on the student's background and career plan. Please contact the postgraduate adviser to discuss alternatives.

Master of Science (Environmental Management)

The Master of Science (MSc) in Environmental Management is normally taken as one-year (full-time) programme for students who have completed a postgraduate diploma or an honours degree in the appropriate subject, or an equivalent. This is a research degree and requires the successful completion of a 120-point research thesis. It may be taken also as two-year (full-time) programme following a BSc or BA or equivalent. In this case, the first year will consist of taught courses (as in a postgraduate diploma) and the second year includes the research thesis. Both forms may be taken on a part-time basis. Admission requires an average equivalent to at least a B- in your qualifying programme, as well as the approval of a supervisor for your proposed thesis project. Students are encouraged to discuss their options with the postgraduate adviser as well as potential supervisors in the School. It is important to commence discussions about your project well in advance of commencing your study.



Conservation subdivision.

Photo credit: Brad Coombes

Careers in Environmental Management

The number of jobs in the environmental field is increasing through economic, social and legislative changes. Our graduates are employed by industries, environmental consultancies, non-government organisations, tertiary institutions, and regulatory authorities at local, regional and national levels, in New Zealand and overseas. For example, in recent years our graduates have been employed by the following New Zealand organisations:

Air New Zealand

Alliance Group

Auckland Regional Transport Authority

Beca Carter

Bell Gully Barristers and Solicitors

Cawthron Institute

City and District councils

Department of Conservation

Ecomatters

Fernz Corporation

Landcare Research

Meritec (Consultants)

Metro Water

Ministry of Fisheries

Ministry for the Environment

National Institute of Water and Atmosphere (NIWA)

Pattle Delamore (Consultants)

Red Cross

Regional Councils

Royal Forest and Bird Protection Society

Royal Society of New Zealand

Sandford Fisheries

Scion

SERCO Consultancy

UNESCO

URS (Environmental Consultants)

WaiCARE

Watercare Health Care

World Wide Fund for Nature (WWF)

Postgraduate students engaged in group work. Photo credit: JC Gaillard



Environmental Management academic staff

Ann Bartos | Lecturer

Feminist and youth geographies, political ecologies of food, waste and consumption, urban sustainability

Brad Coombes | Senior Lecturer

Resource and environmental management, indigenous participation in conservation, sustainability and environmental justice

Karen Fisher | Senior Lecturer

Environmental management, water governance, participatory development, development and the environment

JC Gaillard | Associate Professor

Disaster risk reduction (DRR), participatory tools for DRR; ethnicity, gender and DRR, armed conflicts and disasters, post-disaster resettlement, regional focus: Asia-Pacific

Susan Owen | Senior Lecturer

Environmental governance, climate change adaptation in small island states

Meg Parsons | Lecturer

Climate change adaptation, indigenous peoples and climate change, historical geography, environmental history



Environmental Management Adviser

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The University of Auckland consistently ranks
in the

TOP

100

universities worldwide*

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

Helpful information

Academic dates	www.auckland.ac.nz/dates
Accommodation	www.accommodation.auckland.ac.nz
Apply for postgraduate study	www.auckland.ac.nz/applynow
Career Development and Employment Services	www.cdes.auckland.ac.nz
Childcare	www.auckland.ac.nz/childcare
Degree planning and course advice	www.science.auckland.ac.nz/student-centre
Disability Services	www.disability.auckland.ac.nz
How to enrol	www.auckland.ac.nz/enrolment
Information for postgraduate students	www.postgraduate.ac.nz
International students	www.international.auckland.ac.nz
Libraries and Learning Services	www.library.auckland.ac.nz
Māori and Pacific students	www.science.auckland.ac.nz/tuakana
Need help?	www.askauckland.ac.nz
Postgraduate Student's Association	www.pgsa.org.nz
Rainbow Science Network for LGBTI students	www.science.auckland.ac.nz/rainbowsience
Scholarships, awards and fees	www.scholarships.auckland.ac.nz www.auckland.ac.nz/fees www.auckland.ac.nz/studentloansandallowances
Support for Science students	www.science.auckland.ac.nz/support

Questions about Environmental Management?

Email 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.



THE UNIVERSITY OF
AUCKLAND
NEW ZEALAND

NEW ZEALAND CITIZENS OR PERMANENT RESIDENTS

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AskAuckland: www.askauckland.ac.nz

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