

Geography

400-level courses

Programme Structure

Semester 1 (select 60 points)	Semester 2 (select 60 points)
GEOG401	GEOG404
GEOG402	GEOG412
GEOG409	GEOG415
Or GIS courses	Or GIS courses
GEOG420 Research Project (30 points, whole year)	

All enrolments must be approved by HoD or delegate, or MGIS director in the case of GIS coded courses.

Research Project

GEOG420-17W, GEOG420-17CY

This course represents the Research Project component of the Honours programme. A research topic will be chosen in discussion with a possible staff supervisor, a proposal developed and approved, and a written research report completed. This is a whole year course and work is done for the project across both semesters. Various milestones are included through the year including proposal development and oral progress reports.



Emma Kelland (MSc 2013) examines the effects of the earthquakes on coastal lifelines infrastructure.

Contact

Department of Geography
 University of Canterbury
 Te Whare Wananga o Waitaha
 Private Bag 4800
 Christchurch 8140
 New Zealand

P: +64 3 369 4087

F: +64 3 364 2907

E: geog@canterbury.ac.nz

www.geog.canterbury.ac.nz



400-Level Courses

400-Level Coordinator: Kelly Dombroski
kelly.dombroski@canterbury.ac.nz

Wellbeing, Community and Place

GEOG401-17S1 – 0.2500 EFTS

The course explores how health and well-being are shaped by our natural, built and social environments, in complex and sometimes unexpected ways. We will draw on a range of research to examine the connections between well-being, community and place.

Coordinators: David Conradson and Kelly Dombroski

Resilient Cities

GEOG402-17S1 – 0.2500 EFTS

This course explores the contemporary and pressing issue of urban development. The course focuses on geographical issues related to urban planning for resource use and infrastructure, including energy use, transport networks and green development. It includes a focus on the growing need for cities to be resilient to the many challenges they face. The course includes an applied and practical element, conducted in collaboration with local government officials and communities.

Coordinators: Simon Kingham and Eric Pawson

Resource and Environmental Management (REM) in New Zealand

GEOG404-17S2 – 0.2500 EFTS

This course provides a deep and yet practical understanding of the processes involved in resource and environmental management in New Zealand, including the principles of kaitiakitanga. It aims to enable students to engage actively with the realities of the application of the Resource Management Act, and to be able to apply existing knowledge of environmental and/or human processes to the solution of environmental management problems.

Coordinator: Lynda Weastall Murchison

Geography Internship

GEOG415-17S2 – 0.2500 EFT

This course allows geography students to utilize knowledge gained from previous geography courses within business, government and non-profit organisations while gaining career-related work experiences, exploring compatibility with specific careers and companies, and becoming more mature professionally. It is designed to prepare you for transition from university into employment with practical experience of work in a relevant organisation.

Coordinator: Angela Curl

Coasts and Rivers: From Natural Processes to Urban Environments

GEOG409-17S1 – 0.2500 EFT

This course explores coastal and fluvial geomorphic processes and how they interact with urban environments. Understanding these processes is essential for effective resource and environmental management, as well as for building resilient settlements. Core topics will include river and coastal geomorphology; hydrology and hydrodynamics; flooding from coastal, fluvial and pluvial sources; catchment processes; river mouth environments; sea level rise; theoretical and numerical modelling; human use of coasts and rivers; and laboratory and research methods in coastal and river science. Examples will be drawn from New Zealand, the Pacific, and worldwide.

Coordinators: Christopher Gomez and Deirdre Hart

Atmospheric and Cryospheric Environments

GEOG412-17S2 – 0.2500 EFTS

This course will explore processes and relationships in the Earth-atmosphere system. Emphasis will be on the interaction between the atmosphere and cryospheric (snow and ice) and terrestrial surfaces. Physical processes involved in development of the atmospheric boundary-layer will be explored, with relevance to both micro and regional climate.

Coordinator: Heather Purdie



Students of GEOG 412 undertaking fieldwork