



### Who are we?

The School of Geography and Environmental Studies is home to four areas of study related because of their complementary concern for the study of the Earth, its human and non-human inhabitants, and their interactions and relationships. The four areas of study are:

- human geography
- physical geography
- environmental management and planning and
- spatial sciences

### What career outcomes will geography and environmental studies provide?

Graduates of geography and environmental studies will have **real flexibility of choice** in their career paths. Because you will have been trained to understand the world as an integrated whole, and to appreciate elements of the parts that make up that whole, there's every chance you will be employed in local, State and Australian government departments dealing with every aspect of society and environment – and we need a strong public sector for the challenges we face.

You could also look forward to being employed in small, medium and large private firms – and especially in local, national and international environmental consultancies. Some of our graduates have seen the world in this way, and made meaningful contributions to solving real problems. Non-government organisations will also want to employ your services, many of which can be directed to conservation or social justice, or both.

With us, you will finish university with a range of generic attributes such as advanced writing and speaking skills, capacity for critical analysis and independent thought. But more than that, you will have a powerful mix of specific disciplinary skills in:

- environmental mapping and monitoring,
- understanding people's connections to place,
- field work in urban, rural and wild places,
- archival, statistical and qualitative research, and
- planning and management.

### What sort of units are on offer and what else can be studied with them?

#### Units

The following overview provides a general sketch of the units comprising our main offerings in geography and environmental studies. For more details it is vital that prospective and current students read the relevant degree specifications in the Course and Unit Handbook on the University website.

In our subject area, introductory units in both the science and arts majors **have no prerequisites**. Two units, taught in both Hobart and Launceston, provide training in the basic elements of Geography and Environmental Studies.

- KGA171 The Geography of Global Change
- KGA172 Space, Place and Nature

These units may be taught into the Cradle Coast, depending on staffing and enrolments.

Intermediate units assume the satisfactory completion of both KGA171 and KGA172. Some intermediate units are available in Hobart and Launceston, some on only one. Information about such details is available from the School's website (<http://fcms.its.utas.edu.au/scieng/geog/index.asp>).

- KGA202 Geography of Asia
- KGA204 Earth, Climate and Life
- KGA205 Geographies of the Human Landscape
- KGA213 Natural Environment Field Techniques
- KGA223 Environmental Management

We also have two introductory and two intermediate units in Geographical Information Systems (GIS) and Remote Sensing, which students can take as a minor in their degree. These units are

- KGG102 GIS: Introduction
- KGG340 GIS: Spatial Analysis (this code will change 2011)
- KGG103 Remote Sensing: Introduction
- KGG213 Remote Sensing: Image Analysis



Advanced units assume the satisfactory completion of 25% of intermediate units. Some advanced units are available on both campuses, and some on only one campus. Information about such details is available from the School's website (<http://fcms.its.utas.edu.au/scieng/geog/index.asp>).

- KGA300 Environmental Research Project
- KGA308 Global Political Ecology
- KGA319 Making Sense of Climate Change (new – social science orientation)
- KGA326 Environmental Geomorphology
- KGA327 Conservation Geomorphology
- KGA331 Vegetation Management
- KGA332 Fauna Conservation Management
- KGA333 Forest Ecosystems
- KGA334 Agroforestry
- KGA340 Historical Geography: Making the Tasmanian Landscape
- KGA373 Sustainable Settlements
- KGA378 Wilderness Management
- KGA381 Environmental Impact Assessment
- KGA320 Our Changing Climate (science orientation – not offered 2010)

### **Courses and combinations with other units from other schools**

Undergraduate majors and minors in human geography, physical geography, environmental management and planning, and spatial sciences, noted above, are possible in several degrees. Among them are the Bachelor of Science, Bachelor of Arts, and Bachelor of Natural Areas and Wilderness Studies. We also have a specialist Bachelor of Surveying and Spatial Sciences, and offer graduate degrees in environmental management, environmental planning, and spatial sciences. Please contact the relevant degree coordinator about appropriate combinations of units for degrees.

The wide scope of Geography and Environmental Studies means that it can be combined creatively with units from other schools. Combinations will vary with the interests and intentions of the student, but some useful ideas follow here:

- Students primarily interested in the life and earth sciences may want to take units in zoology, plant science, chemistry, or geology, for example.
- Students specialising in climatology or remote sensing are encouraged to develop a background in computer science, mathematics and physics.
- Students interested in social and spatial dimensions of climate or other major environmental change agents, or in community development may also find units in administration, psychology, political science and sociology useful.
- Students pursuing international relations and international environmental fields may decide to take geography and environmental studies with units in Asian Studies, History, Journalism and political science.
- Students engaged in the creative arts or humanities may find that geography and environmental studies enhance your understanding of two of the major inspirations for artistic output – sense of place and environment.

- **Surveying and spatial science**
- **Postgraduate coursework programs in environmental planning and environmental management**
- **Honours and research higher degrees**

For information about our specialist degree in Surveying and Spatial Sciences, accredited postgraduate degree in environmental planning, other degrees in environmental management or applied science, honours and research higher degrees, see the School's website ([www.utas.edu.au/geog](http://www.utas.edu.au/geog)).

### **Questions?**

Please contact the School's appropriate academic advisor who can be reached via [Secretary@geog.utas.edu.au](mailto:Secretary@geog.utas.edu.au) or +61 (0)3 6226 2463.