



The Perfect Package.

School of Geography and Environmental Studies



UNDERGRADUATE RE-ENROLMENT ADVICE AND IDEAS

You know who we are but did you know ...

that the School of Geography and Environmental Studies is home to four areas of knowledge:

- human geography,
- physical geography,
- environmental management and planning, and
- surveying and spatial sciences.

These four share concern for the Earth's environment and its human and non-human inhabitants, their interactions and dynamic relationships.

Thinking about further study or a career?

With us, you will finish university with **generic skills** such as integrative, critical and creative thinking; problem solving; advanced field skills; literacy, numeracy and speaking skills; and a capacity for independent thought. You will also have a powerful mix of **specific disciplinary skills** in some or all of:

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

As a result, you will have **significant flexibility of choice** in your career and employment paths. In this regard, note that we offer appropriate **honours, graduate diploma and masters level courses** that may be of interest to you some time soon.

See 'courses' under the School's website <http://www.utas.edu.au/geography-environment/>

With additional teaching qualifications, you can be employed in **education**, especially since – from 2012 – geography will once again be taught in the primary and secondary school curricula around Australia.

You stand a strong chance of being 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 can also look forward to working in small, medium and large **private firms** and especially in local, national and international environmental **consultancies**. Some of our graduates **see the world** in this way, making meaningful contributions to solving real problems as they travel.

Non-government organisations will also want to employ your services, many of which can be directed to conservation or social justice, or both.

What units are planned for 2012?

The units listed below may be taken as part of **majors** (generally comprising two introductory and two intermediate and four advanced units) **or as electives**. In other words you may do more than two intermediate and four advanced units, and may decide to complete a double major.

Undergraduate units are 12.5% each [so eight is a 100% load per full-time year]. Most units take a 13-week semester to complete, but some are taught in intensive or block mode or by distance education.

For more details it is vital that you read the relevant degree specifications in the Course and Unit Handbook on the University home page <http://courses.utas.edu.au/> or see the School's website <http://www.utas.edu.au/geography-environment/>

Two introductory units without prerequisites are taught in Hobart, Launceston and the Cradle Coast provide training in the basic elements of Geography and Environmental Studies.

- **KGA171 The Geography of Global Change Sem 1**
- **KGA172 Space, Place and Nature, Sem 2**

Intermediate units assume the satisfactory completion of both KGA171 and KGA172.

Spring 2011

- **KGA213 Natural Environment Field Techniques – Spring 2011 – Dysart, Southern Midlands; to be determined for 2012**

Semester 1

- **KGA204 Earth, Climate and Life – Hbt & Ltn**
- **KGA205 Geographies of the Human Landscape – Hbt [& Ltn by distance by negotiation with Head of School]**

Semester 2

- **KGA202 Geography of Asia – Hbt**
- **KGA223 Environmental Management – Hbt [Winter – Ltn]**

Two introductory and two intermediate units in Geographical Information Systems (GIS) and Remote Sensing may also be taken as a **spatial minor** (comprising two introductory and two intermediate units). We consider these a key addition to a strong degree in our knowledge areas. They are:

- **KGG103 Remote Sensing: Introduction – Sem 1 – Hbt**
- **KGG102 GIS: Introduction – Sem 2 – Hbt**
- **KGG212 GIS: Spatial Analysis – Sem 1 – Hbt**
- **KGG213 Remote Sensing: Image Analysis – Sem 2 – Hbt**



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Advanced units assume the satisfactory completion of 25% of intermediate units. Information about **prerequisites** is available from the School's website

<http://www.utas.edu.au/geography-environment/> and the Course and Unit Handbook <http://courses.utas.edu.au/>.

- **KGA331 Vegetation Management – Summer 2012**
- **KGA300 Environmental Research Project – Hbt & Ltn Sem 1&2**

Semester 1

- **KGA326 Environmental Geomorphology** (focus on hillslopes, river catchments, coasts, beaches and estuaries) – Ltn
- **KGA327 Conservation Geomorphology** (focus on mountain and polar environments, including the Tasmanian wilderness)
- **KGA378 Wilderness Management – Ltn**

Semester 2

- **KGA319 Making Sense of Climate Change** (social science orientation) – Hbt
- **KGA332 Fauna Conservation Management – Hbt**
- **KGA333 Forest Ecosystems – Ltn**
- **KGA308 Global Political Ecology**
- **KGA378 Wilderness Management – Hbt**
- **KGA381 Environmental Impact Assessment – Hbt**

Creative thinking around unit combinations

Undergraduate majors and minors in human geography, physical geography, environmental management and planning, and spatial sciences are possible in **several degrees**. Among them are the Bachelor of Science, Bachelor of Arts, and Bachelor of Natural Environment and Wilderness Studies.

We also have a **specialist degree**, the 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 by contacting our School Office.

The coherence and scope of Geography and Environmental Studies mean that our units 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 **climate science** or **remote sensing** are encouraged to choose complementary units from two or more of the following disciplines - mathematics, physics, statistics and/or computer science.
- Students interested in **social and spatial dimensions of 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.
- And remember the opportunities in education and via postgraduate offerings in the School.

Want to know more?

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, please see the School's website <http://www.utas.edu.au/geography-environment/>.

Questions?

Please contact the School Office to speak with an appropriate academic advisor:

Secretary@geog.utas.edu.au or +61 (0)3 6226 2463.

