

SCIENCE, GEOGRAPHY AND PLANNING

FEATURED COURSES

Planet Earth: The Big Picture ERTH1000

In this course, students are given an introduction to earth systems; earth in space; geochemical structure; rock cycle; plate tectonics; geological time; landscape evolution; ocean environments; surface and ground waters; palaeobiology; earth resources; geological hazards; environmental geology; palaeoclimatology; sociological implications of earth sciences. The course includes a one-day field trip, for which an additional fee may be payable.

Introductory Astronomy: Stars, Galaxies and the Cosmos PHYS2083

This course provides a general introduction to the major concepts of, and progress in astrophysics for the interested numerate student. The course emphasises classical observations of the solar system, stars and galaxies, and the cosmos at large. It also includes discussion of broader questions concerning our place in the Universe. Topics covered include: the night sky, origin and evolution of the solar system, properties of stars and galaxies, and recent progress in cosmology.

Systematic Anatomy ANAT1020

This is an integrated course in systematic and regional gross anatomy with clinical applications specific to further study in physiotherapy. Structure of the musculoskeletal, nervous, cardiovascular, respiratory, digestive, urogenital, and sensory systems will be examined.

Local Planning, Landscape and Heritage PLAN1003

This course provides students with a working knowledge of principles and standards that can be applied to the analysis, planning, design and regulation of land development at a sub-metropolitan scale. Theories, principles and standards involved in the analysis, design, planning and regulation of urban built environments at a sub-metropolitan scale, including both Greenfield sites and urban redevelopment. The course includes an introduction to plans, planning schemes, codes and guidelines currently used in local planning practice.

Introduction to Research SCIE3012

This course provides generic skills and knowledge relevant to all areas of science across a range of disciplines. Students in this course have a unique opportunity to develop core research skills relevant to a wide spectrum of biological and chemical research, including written and oral communication, information skills, skills in making scientific observations, and recording and analysing data by participating in an individual or group research project associated with a discipline of interest to them.

OTHER COURSES

The table below lists other popular courses in this area available to Study Abroad and Exchange students. A full list of courses can be found on UQ's Courses and Programs website at www.uq.edu.au/study

UQ CODE	COURSE NAME
BIOL2006	Biostatistics and Experimental Design
CHEM3010	Inorganic Chemistry
PHYS1002	Electromagnetism, Optics, Relativity and Quantum Physics I
STAT2003	Probability and Statistics
PLAN2003	Urban Design
GEOG2205	Global Population Issues
BIOL2204	Zoology
BIOL3207	Animal Behaviour
BIOL3216	Marine Aquaculture
BIOL3211	Marine Invertebrate Biodiversity
MARS3200	Advances in Marine Science
CHEM1020	Chemistry – Energetics and Reactivity
CHEM2052	Chemical Biology
CHEM2054	Experimental Chemistry
BIOM2012	Systems Physiology
BIOM2011	Integrative Cell and Tissue Biology
MATH1051	Calculus and Linear Algebra
MATH2010	Analysis of Ordinary Differential Equations
PHYS2041	Quantum Physics
GEOG1000	Human Settlements

NOTES

- Course information is correct as at April 2010 and may change in 2011. Please refer to www.uq.edu.au/study for current information.
- Whilst all listed courses are available to Study Abroad and Exchange students, some will require Faculty/School approval, as relevant previous study is required.



“I chose to study at UQ because Australia’s many endemic animals and unique ecosystems fascinated me, as a science student and nature-lover. I wanted to study reef ecology and dive on the Great Barrier Reef to learn as much as possible about Australia’s marine environment. The University of Queensland offered many interesting biology courses that would complement my degree at my home institution and allow me to travel and gain hands-on experience through field components.”

KELLY CARSCADDEN, CANADA
(INCOMING EXCHANGE STUDENT)