



Study Abroad and Exchange at UTS: Science

As a study abroad or exchange student, you may design a program of subjects from more than one faculty at UTS, provided you enrol in 24 credit points of full-time study.

Science subjects are 6 credit points each. In other faculties at UTS, however, subjects are offered at different credit point levels, so it's important to make sure that you satisfy the credit point requirements when choosing your subjects.

What can I study?

- ❖ Study abroad and exchange is available:
 - > February semester (Autumn, March – June)
 - > July semester (Spring, August – November)
- ❖ Prerequisites apply to certain subjects:
 - > If you apply for a subject with a prerequisite, you will first need to demonstrate that you have the prior skills and knowledge needed to undertake the subject.
 - > Undergraduate study abroad students are not normally permitted to study postgraduate subjects.
- ❖ For further details on subjects, including prerequisite knowledge, refer to the UTS Handbook at www.handbook.uts.edu.au
- ❖ For availability of subjects, check the timetable at <http://timetable.uts.edu.au>. Many subjects are offered in one semester only.

For more information

UTS Science programs:

<http://www.science.uts.edu.au/>

UTS study abroad and exchange:

www.uts.edu.au/international/studyabroad

Tel: (+61 2) 9514 7915

Email: studyabroad.exchange@uts.edu.au

Undergraduate subjects

Subjects are listed below by Subject Number and Name.

The subjects listed below are either introductory or require relatively little prior background. However, many more advanced subjects are available in all areas to students who are specialising in these areas in their home university.

Key

- ❖ Subjects marked with an *(asterisk) have pre-requisites. You must provide evidence that you have passed a subject equivalent to the UTS pre-requisite at your home institution.
- ❖ F = February semester (Autumn, March – June)
- ❖ J = July semester (Spring, August – November)

Chemistry

- [65111](#) Chemistry 1
- [65212](#) Chemistry 2*
- [65242](#) Principles of Forensic Science
- [65342](#) Crime Scene Investigation*

Physics and Advanced Materials

- [68070](#) Introduction to Materials
- [68041](#) Physical Aspects of Nature
- [68101](#) Foundations of Physics
- [68070](#) Introduction to Materials
- [68201](#) Physics in Action*

Mathematical Sciences

- [35140](#) Introduction to Quantitative Management
- [35101](#) Introduction to Linear Dynamical Systems
- [35151](#) Introduction to Statistics
- [33130](#) Mathematical Modelling 1
- [33190](#) Mathematical Modelling for Science
- [33116](#) Statistical Design and Analysis
- [35100](#) Introduction to Sample Surveys*
- [35102](#) Introduction Analysis & Multivariable Calculus*
- [35111](#) Applications of Discrete Mathematics*
- [33230](#) Mathematical Modelling 2*

Medical and Molecular Biosciences

- [91161](#) Cell Biology and Genetics
- [91400](#) Human Anatomy and Physiology
- [91314](#) General Microbiology*
- [91703](#) Physiological Systems*
- [91239](#) Human Pathophysiology*
- [91132](#) Molecular Biology 1*
- [91320](#) Metabolic Biochemistry*
- [91528](#) Health and Homeostasis
- [99567](#) Introduction to Chinese Herbal Medicine
- [99641](#) Point Location and Acupuncture Anatomy
- [99665](#) Chinese Medicine Foundations 1
- [99666](#) Chinese Medicine Foundations 2*



Environmental Science Subjects

Key

** Recommend knowledge of one year biological or general science

Some of the Environmental subjects are taught primarily by major intensive field trips.

= Offered as February intensive session

= Offered in July intensive session

Selected field trip subjects could be offered as 'stand alone' 6 cps February intensive session for interested groups of 10-24 students and included as one 6cps subject attached to a UTS Semester 1 or Semester 2 Study Abroad program of study

\$ Additional Excursion Costs

- [91123](#) Biocomplexity
- [91107](#) The Biosphere
- [66513](#) Marine Geosciences
- [91145](#) Environmental Protection and Management
- [91159](#) Environmental Forensics**
- [91116](#) Wildlife Ecology** (\$240)
- [91118](#) Fisheries Resources** (\$150)
- [91155](#) Stream and Lake Assessment**
- [91157](#) Marine Communities** (\$200)
- [91121](#) Aquatic Ecology**
- [91154](#) Ecology**
- [91155](#) Stream and Lake Assessment** (\$130)
- [91309](#) Biodiversity Assessment **
- [91363](#) Animal Behaviour and Physiology**
- [91126](#) Coral Reef Ecosystems **## (\$1,000)
- [91156](#) Marine Primary Producers## (\$1,000)
- [91163](#) Alpine and Lowland Ecology (Dec 2013)** (\$900)
- [91370](#) Semi-arid Ecology (July 2015)** (\$900)
- [91371](#) Forest and Mountain Ecology (Jul 2014)** (\$900)

