

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 18-24 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.

When can I study?

Study Abroad and Exchange is available:

- 1) March – July (Autumn Semester) **A**
- 2) July – November (Spring Semester) **S**

Please note:

- In Australia, **Autumn** occurs in the first half of the year. **Spring** occurs in the second half of the year.
- If you apply for a subject with prerequisites, you will need to demonstrate that you have the prior skills and knowledge necessary to undertake the subject.
- Undergraduate students are generally not permitted to study postgraduate subjects

Further Details:

- 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 <https://www.uts.edu.au/current-students/timetable/uts-timetable-planner>
- UTS Science programs: <http://www.science.uts.edu.au/>

UTS study abroad and exchange: <https://www.uts.edu.au/future-students/international/study-abroad-and-exchange-students/welcome> Tel: (+61 2) 9514 7915, Email: studyabroad.exchange@uts.edu.au

Key:

Information included: **Subject Number, Subject Name, Level and Session offered**

- * the subject has one or more prerequisites
- **L1** (Level 1) Usually undertaken in first year (similar to 100 level, introductory level)
- **L2** (Level 2) Usually undertaken in second year (similar to 200 level, prior knowledge is required)
- **L3** (Level 3) Usually undertaken in third year (similar to 300 level, advanced level)
- **A** the subject is offered in Autumn session (subject to change)
- **S** the subject is offered in Spring session (subject to change)

Undergraduate subjects

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.

Introductory

[60001](#) Principles of Scientific Practice L1 A/S

Chemistry

[65111](#) Chemistry 1 L1 A/S

[65242](#) Principles of Forensic Science L1 A/S

[65034](#) Introduction to Forensic Science L1 A

[65212](#) Chemistry 2* L1 S

[65621](#) Environmental Chemistry* L1 S

[65342](#) Crime Scene Investigation* L2 A

[65202](#) Organic Chemistry 1* L2 A

[65307](#) Physical Chemistry 1* L2 A

[65410](#) Skills for the Professional Chemist* L2 A

Mathematical Sciences

[37131](#) Introduction to Linear Dynamical Systems L1 A/S

[37151](#) Introduction to Data Analysis L1 A/S

[33130](#) Mathematical Modelling 1 L1 A/S

[33116](#) Statistical Design and Analysis L1 A/S

[33230](#) Mathematical Modelling 2* L1 A/S

[33190](#) Mathematical Modelling for Science L1 A

[37132](#) Introduction to Mathematical Analysis and modelling* L1 S

[37161](#) Probability and Random Variables L1 S

[33290](#) Statistics and Mathematics for Science* L1 S

Medical and Molecular Biosciences

[91161](#) Cell Biology and Genetics L1 A/S

[99641](#) Point Location and Acupuncture Anatomy L1 A

[99665](#) Chinese Medicine Foundations L1 A

[99666](#) Chinese Medicine Foundations 2* L1 S

[99567](#) Introduction to Chinese Herbal Medicine* L1 S

[91401](#) Immunology* L1 S

[91563](#) Haematology* L1 S

[91314](#) General Microbiology* L2 A

[91703](#) Physiological Systems* L2 A

[91320](#) Metabolic Biochemistry* L2 A

[91500](#) Histology* L2 A

[91400](#) Human Anatomy and Physiology L2 S

[91239](#) Human Pathophysiology L2 S

[91132](#) Molecular Biology 1* L2 S

[91326](#) Analytical Biochemistry* L2 S

Physics and Advanced Materials

[68041](#) Physical Aspects of Nature L1 A / S

[68101](#) Foundations of Physics L1 A

[68201](#) Physics in Action* L1 S

[68070](#) Introduction to Materials L1 S

[68075](#) Nanomaterials* L2 A

[91140](#) BioNanotechnology* L2 S

Environmental Science Subjects

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

** Recommend knowledge of one year biological or general science

= Offered as February intensive session attached to the UTS Autumn Session (interested students must email studyabroad.exchange@uts.edu.au prior to lodging their application)

= Offered in July intensive session attached to the UTS Spring Session

\$ Additional Excursion Costs

Students interested in subjects marked # or ## must email studyabroad.exchange@uts.edu.au prior to lodging their application

[91107](#) The Biosphere L1 A

[91123](#) Biocomplexity L1 A

[91149](#) Geological Processes* L2 A

[91110](#) Experimental Design and Sampling* L2 A

[91116](#) Wildlife Ecology** (\$240) L2 A

[91118](#) Fisheries Resources** (\$150) L2 A

[91120](#) GIS and Remote Sensing** L2 A

[91121](#) Aquatic Ecology** L2 A

[91154](#) Ecology** L2 A

UTS INTERNATIONAL



91309	Biodiversity Conservation**	L2 A
91145	Environmental Protection and Management**	L2 S
91159	Environmental Remediation**	L2 S
91157	Marine Communities** (\$200)	L2 S
91363	Animal Behaviour and Physiology**	L2 S
91155	Stream and Lake Assessment** (\$130)	L2 S
91126	Coral Reef Ecosystems**##(\$1,000)	L2 S
91156	Marine Productivity and Climate Change ## (\$1,200-it runs during Winter break)	L2 S
91163	Alpine and Lowland Ecology (Dec 2016)** (\$900)	L2 S
91371	Forest and Mountain Ecology (July 2017)** (\$900)	L2 S