



Study Abroad and Exchange at UTS: Science

As a Study Abroad/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. Subjects offered in other faculties carry different credit point values. Be mindful of this when choosing your subjects.

Please note: This guide focuses on key study areas to locate our more popular Science subjects. In addition to the subjects in this guide, you can search for **all** subjects and majors using the [UTS Handbook](#).

When can I study?

Study Abroad and Exchange is available:

Period	Category
February – June	A: Autumn Session

Period	Category
August – November	S: Spring Session

Please note:

- In Australia, **Autumn Session** occurs in the first half of the year. **Spring Session** occurs in the second half of the year.
- If you apply for a subject with one or more prerequisites, you will need to demonstrate that you have the prior skills and knowledge necessary to undertake the subject.
- Some subjects are offered in both sessions (semesters), except where indicated **A** or **S**. Please check the timetable in case of a change.
- Subjects offered in **A:** Autumn Session or **S:** Spring Session may be subject to change.
- Undergraduate students are not permitted to study postgraduate subjects.
- Sessions include the examination weeks. Should you leave the country prior to attending and completing the assessments, you will not receive a grade/mark for your exam or quiz or any other assessments.

Further Details:

- For details on subjects, including prerequisites, refer to the UTS Handbook: 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/>
- To find out more about UTS Study Abroad and Exchange programs, visit: <https://www.uts.edu.au/future-students/international/study-abroad-and-exchange-students/welcome>
- For general enquiries contact: T: (+612) 9514 7915, E: studyabroad.exchange@uts.edu.au

Key: (Information included: Subject Number, Subject Name, Level and Session offered)

- 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)
- * the subject has one or more prerequisites



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. These can be found in the [UTS Handbook](#).

Introductory

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

[91239](#) Human Pathophysiology* L2 S
[91132](#) Molecular Biology 1* L2 S
[91326](#) Analytical Biochemistry* L2 S

Chemistry

[65111](#) Chemistry 1 L1 A or S
[65242](#) Principles of Forensic Science L1 A or S
[65212](#) Chemistry 2* L1 S
[65621](#) Environmental Chemistry* L1 S
[65312](#) Forensic Imaging* L1 S
[65202](#) Organic Chemistry 1* L2 A
[65307](#) Physical Chemistry 1* L2 A
[65410](#) Skills for the Professional Chemist* L2 A

Physics and Advanced Materials

[68041](#) Physical Aspects of Nature L1 A or S
[68101](#) Foundations of Physics L1 A or S
[68201](#) Physics in Action* L1 S
[68070](#) Introduction to Materials L1 S
[68075](#) Nanomaterials* L2 A
[91140](#) BioNanotechnology* L2 S

Mathematical Sciences

[37131](#) Introduction to Linear Dynamical Systems L1 A or S
[37151](#) Introduction to Statistics L1 A or S
[33130](#) Mathematical Modelling 1 L1 A or S
[33230](#) Mathematical Modelling 2* L1 A or S
[33116](#) Statistical Design and Analysis L1 A
[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

--Environmental Science offerings on following page--

Medical and Molecular Biosciences

[91161](#) Cell Biology and Genetics L1 A or S
[99665](#) Chinese Medicine Foundations 1 L1 A
[99666](#) Chinese Medicine Foundations 2* L1 S
[99567](#) Introduction to Chinese Herbal Medicine* L1 S
[91401](#) Immunology* L1 S
[91563](#) Haematology 1* 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 L1 S



Environmental Science Subjects

- Some UTS Environmental Science subjects are taught by major intensive field trips. Examples of such subjects are: 91163 Alpine and Lowland Ecology, 91370 Semi-arid Ecology, and 91371 Forest and Mountain Ecology, which are rotated each year. Please check the timetable to check with option is available and dates of the subject. Generally, these are available only to inbound students studying for two sessions, as significant time is taken to prepare for the trip. Priority will be given to full-degree students.
- # Offered as a February intensive 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 (interested students must email studyabroad.exchange@uts.edu.au prior to lodging their application)
- \$ Additional Excursion Costs for off-campus work in the field. Students should email studyabroad.exchange@uts.edu.au for current pricing.
- Students will be required to supply their own field-appropriate clothing (for any terrestrial field work) and camping equipment where required

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	S
91149	Geological Processes*	L2	A
91110	Experimental Design and Sampling*	L2	A
91116	Wildlife Ecology* (\$ – N.B. field work running late Feb/early March)	L3	A
91118	Fisheries Resources* (\$)	L3	A
91120	GIS and Remote Sensing	L2	A
91121	Aquatic Ecology* (\$)	L3	A
91154	Ecology*	L2	A
91309	Biodiversity Conservation*	L3	A
91145	Environmental Protection and Management*	L3	S
91159	Environmental Remediation*	L3	S
91157	Marine Communities* (\$ – field work runs during STUVAC)	L2	S
91363	Animal Behaviour and Physiology*	L2	S
91270	Plant Physiology and Ecophysiology*	L2	S
91155	Stream and Lake Assessment* (\$)	L3	S
91126	Coral Reef Ecosystems* # # (\$)	L3	S
91156	Marine Productivity and Climate Change # # (\$)	L3	S