





## Course Aims

This course introduces the basic language and ideas of modern algebra, the two main concepts being that of a group and that of a ring. Groups are the vehicle through which mathematicians study symmetry. The data used to define them involves one algebraic operation, group multiplication. Rings on the other hand have two algebraic operations, addition and multiplication.

Reference: [1] T. Tao, *Introduction to the theory of groups*, 2005. Tc 0.005



School and UNSW Policies  
The School of Mathematics and



x who are the first in their family to undertake a bachelor-level degree.

Their web site is: <https://student.unsw.edu.au/els/services>

Equitable Learning Services (ELS) may determine that your condition requires special arrangements for assessment tasks. Once the School has been notified of these, we will make every effort to meet the arrangements specified by ELS.

Additionally, if you have suffered significant misadventure that affects your ability to complete the course, please contact your Lecturer-in-charge in the first instance.

### Academic Skills Support and the Learning Centre

The Learning Centre offers academic support programs to all students at UNSW

## Course Evaluation and Development (MyExperience)

Student