

## Pathway to major in Genetics

Year 1 / Level I (not more than 30 units)				
S1	<a href="#">BIOLOGY 1101</a> Biology I: Molecules, Genes & Cells or <a href="#">BIOLOGY 1401</a> Concepts in Biology	** <a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>	<a href="#">SCIENCE 1400</a> Science or Fiction I
S2	<a href="#">BIOLOGY 1201</a> Biology I: Human Perspectives or <a href="#">BIOLOGY 1202</a> Biology I: Organisms	** <a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>	<a href="#">Approved Level I Elective</a>
Year 2 / Level II				
S1	<a href="#">GENETICS 2510</a> Genetics IIA: Foundation of Genetics	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>
S2	<a href="#">GENETICS 2520</a> Genetics IIB: Function and Diversity of Genomes	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>	<a href="#">Approved Level II Elective</a>
*Global Experience: The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3.				
Year 3 / Level III (at least 24 units)				
S1	<a href="#">GENETICS 3111</a> Genes, Genomes and Molecular Evolution III (6 units)		<a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>
*Global Experience: The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3.				
S2	<a href="#">GENETICS 3211</a> Gene Expression & Human Developmental Genetics III (6 units)		<a href="#">Approved Level III Elective</a>	<a href="#">Approved Level III Elective</a>

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

### Key

Core Course	Elective Course	Course for Major

\*\* Students who successfully complete CHEM 1101 and CHEM 1201 and who wish to continue their study of Chemistry at Level II will be required to undertake an additional course, CHEM 1312 Foundations of Chemistry IS during Summer School before commencing Level II Chemistry studies.

### Complimentary Majors

The following majors are often pursued by students as well as the above major, as a complimentary field:

- Biochemistry
- Chemistry
- Microbiology & Immunology
- Physics

### Enrolment Advice

- It is your responsibility to ensure you are correctly enrolled. Enrolment into courses outside of the Study Plan and Enrolment Advice listed could affect your eligibility to graduate.
- A total of 72 units are required to complete Bachelor of Science program.
- 24 units will usually be completed for each of Levels I, II and III.
- At least 24 units must be completed at Level III.
- A candidate may substitute an appropriate course chosen from Level II to fulfil the requirements of Level I, or from Level III to fulfil the requirements of Level I or II.
- There is a limitation on the amount of 'Non-Science' courses that can be presented. **Do not assume that because a course is offered through Sciences, that it automatically counts as 'Science'** (e.g. Animal Science courses). Please refer to your [Program Rules](#). If in doubt consult the Faculty Office for advice.
- No level III course may be used to meet the requirements of more than one major. (For example, if *Soil Ecology and Nutrient Cycling* is used to qualify for a Soil Science major, it cannot also be used to qualify for an Ecology Major).

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### Electives and Broadening

You must complete 9 units of Broadening courses at Level I or Level II. Of these courses:

- A maximum of 6 units of courses can be chosen at Year 1 from other Faculties of the University

You must also complete Elective courses to fulfil the requirements of your Program:

- No courses at Year 3 can be chosen from other Faculties of the University
- Please refer to your Program Rules for electives and all other requirements <http://calendar.adelaide.edu.au/>
- For Faculty of Sciences electives, see our website: <http://sciences.adelaide.edu.au/degrees/courses/>
- For information about electives from other faculties, restrictions and pre-requisites, search the course planner: <https://access.adelaide.edu.au/courses/search.asp>

- Please consult your Program Coordinator <http://www.sciences.adelaide.edu.au/current-students/contacts/coordinators/#ug> or contact the Faculty of Sciences Office for advice.

### Global Experience

The University of Adelaide is committed to offering its students the opportunity to study overseas through a Global Learning Experience. This experience is available in a wide range of degrees and can include student exchange (for either one or two full semesters), study tours, internships and placements. There are many exciting opportunities in Europe, Asia, the Americas, Africa, and Oceania ranging from a few weeks to a full academic year.

\* The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3. To find Global Learning opportunities available in your study area click [Global Experiences](#).

### Further Information and Enrolment Advice

#### Faculty of Sciences

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