Pathway to major in Genetics

<table>
<thead>
<tr>
<th>Year 1 / Level I (not more than 30 units)</th>
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<tbody>
<tr>
<td><strong>S1</strong> BIOLOGY 1101 Biology I: Molecules, Genes &amp; Cells or BIOLOGY 1401, Concepts in Biology</td>
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<tr>
<td><strong>S2</strong> BIOLOGY 1201 Biology I: Human Perspectives or BIOLOGY 1202 Biology I: Organisms</td>
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<tr>
<th>Year 2 / Level II</th>
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<tbody>
<tr>
<td><strong>S1</strong> GENETICS 2510 Genetics IIA: Foundation of Genetics</td>
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<tr>
<td><strong>S2</strong> GENETICS 2520 Genetics IIB: Function and Diversity of Genomes</td>
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</tbody>
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*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.

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<th>Year 3 / Level III (at least 24 units)</th>
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<tr>
<td><strong>S1</strong> GENETICS 3111 Genes, Genomes and Molecular Evolution III (6 units)</td>
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| **S2** GENETICS 3211 Gene Expression & Human Developmental Genetics III (6 units) | Approved Level III Elective | Approved Level III Elective |

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

**Key**

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<tr>
<th>Core Course</th>
<th>Elective Course</th>
<th>Course for Major</th>
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** 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.

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 fulfill the requirements of Level I, or from Level III to fulfill 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).

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
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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/](http://calendar.adelaide.edu.au/)
- For Faculty of Sciences electives, see our website: [http://sciences.adelaide.edu.au/degrees/courses/](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](https://access.adelaide.edu.au/courses/search.asp)

**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](http://calendar.adelaide.edu.au/).

**Further Information and Enrolment Advice**
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