Pathway to major in Chemistry (PPRIII)

### Year 1 / Level I (not more than 30 units)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Elective Course</th>
<th>Approved Level I Elective</th>
<th>Approved Level I Elective</th>
<th>Approved Level I Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>CHEM 1100</td>
<td>Chemistry IA</td>
<td>Approved Level I Elective</td>
<td>Approved Level I Elective</td>
<td>SCIENCE 1300 Principles and Practice of Research (Advanced) I</td>
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</tr>
<tr>
<td></td>
<td>or CHEM 1101</td>
<td>Foundations of Chemistry IA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S2</td>
<td>CHEM 1200</td>
<td>Chemistry IB</td>
<td>Approved Level I Elective</td>
<td>Approved Level I Elective</td>
<td>Approved Level I Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or CHEM 1201</td>
<td>Foundations of Chemistry IB</td>
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<td></td>
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</table>

### Year 2 / Level II

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Elective Course</th>
<th>Approved Level II Elective</th>
<th>Approved Level II Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>CHEM 2510</td>
<td>Chemistry IIA</td>
<td>CHEM 2530 Environmental &amp; Analytical Chemistry II</td>
<td>Approved Level II Elective</td>
<td>Approved Level II Elective</td>
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<tr>
<td>S2</td>
<td>CHEM 2520</td>
<td>Chemistry IIB</td>
<td>CHEM 2540 Medicinal &amp; Biological Chemistry II</td>
<td>Approved Level II Elective</td>
<td>SCIENCE 2300 Principles and Practice of Research (Adv) II</td>
</tr>
</tbody>
</table>

*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)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Elective Course</th>
<th>Approved Level III Elective</th>
<th>Approved Level III Elective</th>
<th>Approved Level III Elective</th>
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</thead>
<tbody>
<tr>
<td>S1</td>
<td>CHEM 3111</td>
<td>Chemistry III (6 units)</td>
<td>Level III Chemistry Course or Approved Level III EI</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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       | Level III Chemistry Course or Approved Level III Elective | Level III Chemistry Course or Approved Level III Elective | Level III Chemistry Course or Approved Level III Elective | SCIENCE 3100 Principles and Practice of Research (Adv) III |

### ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

### Key

- **Core Course**
- **Elective Course**
- **Course for Major**

# Check [Course Planner](#) or with the Faculty of Sciences Office to ensure you meet the pre-requisites prior to enrolling into this course.

† Students who successfully complete CHEM 1101 Foundations of Chemistry IA and CHEM 1201 Foundations of Chemistry IB will be required to undertake an additional course, CHEM 1312 Foundations of Chemistry IS during Summer School before commencing Level II Chemistry studies.

† You must complete **courses to the value of at least 3 units** from these courses in addition to CHEM 3111 Chemistry III to complete the Major:
  - CHEM 3211 Synthesis of Materials III (3 units)
  - CHEM 3212 Fundamentals of Materials III (3 units)
  - CHEM 3213 Advanced Synthetic Methods II (3 units)
  - CHEM 3214 Medicinal and Biological Chemistry III (3 units)

### 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 (Advanced) 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.
- You 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).
- Please consult your Program Coordinator [http://www.sciences.adelaide.edu.au/current-students/contacts/coordinators/#ug](http://www.sciences.adelaide.edu.au/current-students/contacts/coordinators/#ug) or contact the Faculty of Sciences Office for advice.
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)

Variations for students who commenced in or prior to 2014
Level III: CHEM 3530 Environmental and Analytical Chemistry III, and CHEM 3540 Research Methods in Chemistry III, are courses permitted to be counted towards the major. These courses are incompatible with CHEM 3560 Molecular Structure Determination III.

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
Faculty of Sciences
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Email: faculty.sciences@adelaide.edu.au