Pathway to major in Chemistry (Double)

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

| S1 | CHEM 1100 Chemistry IA or CHEM 1101 Foundations of Chemistry IA | Approved Level I Elective | Approved Level I Elective | SCIENCE 1400 Science or Fiction I |
| S2 | CHEM 1200 Chemistry IB or CHEM 1201 Foundations of Chemistry IB | Approved Level I Elective | Approved Level I Elective | Approved Level I Elective |

### Year 2 / Level II

| S1 | CHEM 2510 Chemistry IIA | CHEM 2530 Environmental & Analytical Chemistry II | Approved Level II Elective | Approved Level II Elective |
| S2 | CHEM 2520 Chemistry IIB | CHEM 2540 Medicinal & Biological Chemistry II | Approved Level II Elective | Approved Level II Elective |

*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 | CHEM 3111 Chemistry III (6 units) | CHEM 3560 Molecular Structure Determination III (6 units) or Approved Level III Elective |
| S2 | CHEM 3211 Synthesis of Materials III or Approved Level III Elective | CHEM 3212 Fundamentals of Materials III or Approved Level III Elective | CHEM 3213 Advanced Synthetic Methods III or Approved Level III Elective | CHEM 3214 Medicinal and Biological Chemistry III or Approved Level III Elective |

*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.

**Key**

- Core Course
- Elective Course
- Course for Major

# Check [Course Planner](http://www.adelaide.edu.au/calendar/) 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 and CHEM 1201 will be required to undertake an additional course, CHEM 1312 Foundations of Chemistry I5 during Summer School before commencing Level II Chemistry studies.

‡ You must complete courses to the value of at least 12 units from these courses in addition to Chemistry 3111 to complete the Major.

**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).
- For approved elective courses, please refer to your Program Rules (http://www.adelaide.edu.au/calendar/).
- Please contact the Faculty of Sciences Office for advice.

**Complimentary Majors**

This is an extended major and it is normally not possible to fit in sufficient units at Level III to also qualify for a second major.
Pathway to major in Chemistry (Double)

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

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
Phone: +61 8 8313 5673
Email: faculty.sciences@adelaide.edu.au

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.