

Bachelor of Agricultural Science (BAgrSc)

If you are unable to access the information in this study plan, please email enquire@science.uq.edu.au for assistance.

Bachelor of Agricultural Science (BAgrSc)

Program Code: 2448

Duration: 3 years full time (or part-time equivalent)

Total Units: 48

Commencement:

Semester 1 only

Entry Requirements: Please refer to [BAgrSc](#) future students page

Key Program Information

- This program commences in Semester 1 only.
- Students in this program must complete a Major.
- This program has **mandatory vaccination requirements** as per UQ's policy and procedure (PPL) [2.60.08 Vaccinations and Immunisation](#). Please refer *Table 1 – Student immunisation by program/course* in the PPL; or the [Student immunisation requirements webpage](#) for further information on required vaccinations for this program.

Important Notes

The information contained in this document is intended as general advice only.

Students must follow the program rules & requirements listed on the [Programs and Courses Website](#). This planner must be used in conjunction with your program duration course list and program rules.

Students need to check the prerequisites, incompatibilities and restrictions for all courses they select in their study plan. Future course offerings are subject to change.

This document is not intended as a progression or graduation check. For further information on progression or graduation checks, please contact your Faculty.

Further Assistance

Check out the [Frequently Asked Questions \(FAQ\)](#) page on this study planner document.

If you need further advice or have other questions, please contact:

[Faculty of Science](#)

Email: enquire@science.uq.edu.au

Phone: +61 7 3365 1888

Bachelor of Agricultural Science (BAgrSc) Agronomy Major

Students must follow the program rules & requirements listed on the [Programs and Courses Website](#).

Semester 1 commencement

Step 1 Start with the base study plan outlining Core Courses and Major Courses.

Year 1				
1 st Semester (Feb – Jun) <i>Semester 1</i>	AGRC1021 Biological Concepts & Plant Science 2 units – Core Course	AGRC1032 Ecology of Agricultural Systems 2 units – Core Course	AGRC1024 Plant Production Principles & Technologies 2 units – Major Course	AGRC1040* Food for a Healthy Planet 2 units – Program Elective or General Elective Course
2 nd Semester (July – Nov) <i>Semester 2</i>	MATH1040 Mathematical Foundations I Or STAT1201 Analysis of Scientific Data 2 units – Core Course	ANIM1020 Applied Animal Biology 2 units – Core Course	CHEM1004 Chemistry 2 units – Core Course	MGTS1982* Working with Groups & Teams 2 units – Program Elective or General Elective Course
Year 2				
3 rd Semester (Feb – Jun) <i>Semester 1</i>	AGRC2001 Agricultural Biochemistry 2 units – Core Course	LAND2003 The Soil Environment 2 units – Core Course	AGRC2040 Agronomy 2 units – Major Course	PLNT2011 Plant & Environmental Health 2 units – Major Course
4 th Semester (July – Nov) <i>Semester 2</i>	AGRC2048 Plant Physiology 2 units – Major Course	AGRC2013* Agricultural Microbiology & Gene Technology 2 units – Program Elective or General Elective Course	AGRC2030* Agricultural Economics 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course

*Recommended program elective course

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Year 3				
5 th Semester (Feb – Jun) <i>Semester 1</i>	LAND3005 Soil Plant Relationships 2 units – Major Course	AGRC3041* Plant Breeding 2 units – Program Elective or General Elective Course	AGRC3042* Animal & Plant Biosecurity 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course
6 th Semester (July – Nov) <i>Semester 2</i>	AGRC3018 Sustainable Agricultural & Animal Systems 2 units – Core Course	AGRC3002 Agronomy 2 2 units – Major Course	AGRC3006 Pasture Science & Management 2 units – Major Course	AGRC3040 Crop Physiology 2 units – Major Course

*Recommended program elective course

Commencing 2024, the requirements to undertake CHEM1004 Chemistry is conditional on whether you have completed Queensland Year 12 Chemistry (or equivalent). Students should refer to the conditions noted below.

1. If you have not passed Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent) in secondary school, CHEM1004 is **compulsory**.
2. If you achieved a grade of C or lower in Queensland Year 12 Chemistry (Units 3 or 4) (or equivalent), it is **recommended** to complete CHEM1004.
3. If you achieved a grade of B or higher in Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent), CHEM1004 is **not required**, and you may select an additional 2 units of electives from your program course list.

Step 2 Decide on your program elective or general elective courses, noting which semester they are offered in. Students can take courses from other majors in the BAgSc program as program elective courses.

Step 3 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the UQ [Programs and Courses](#) page. You may need to adjust courses in your study plan at this step.

Please refer to the [BAgSc](#) course list for full course options.

Bachelor of Agricultural Science (BAgrSc) Animal Science Major

Students must follow the program rules & requirements listed on the [Programs and Courses Website](#).

Semester 1 commencement

Step 1 Start with the base study plan outlining Core Courses and Major Courses.

Year 1				
1 st Semester (Feb – Jun) <i>Semester 1</i>	AGRC1021 Biological Concepts & Plant Science 2 units – Core Course	AGRC1032 Ecology of Agricultural Systems 2 units – Core Course	ANIM1014 Animal Behaviour, Handling & Wellbeing 2 units – Major Course	AGRC1040* Food for a Healthy Planet 2 units – Program Elective or General Elective Course
2 nd Semester (July – Nov) <i>Semester 2</i>	MATH1040 Mathematical Foundations I Or STAT1201 Analysis of Scientific Data 2 units – Core Course	ANIM1020 Applied Animal Biology 2 units – Core Course	CHEM1004 Chemistry 2 units – Core Course	MGTS1982* Working with Groups & Teams 2 units – Program Elective or General Elective Course
Year 2				
3 rd Semester (Feb – Jun) <i>Semester 1</i>	AGRC2001 Agricultural Biochemistry 2 units – Core Course	LAND2003 The Soil Environment 2 units – Core Course	ANIM2044 Monogastric Production Systems 2 units – Major Course	ANIM2057 Applied Animal Physiology 2 units – Major Course
4 th Semester (July – Nov) <i>Semester 2</i>	ANIM2053 Animal Nutrition & Technology 2 units – Major Course	AGRC2013* Agricultural Microbiology & Gene Technology 2 units – Program Elective or General Elective Course	ANIM2021* Animal Environmental Physiology 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course

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Year 3				
5 th Semester (Feb – Jun) <i>Semester 1</i>	ANIM3019 Animal Reproduction 2 units – Major Course	ANIM3046 Animal Breeding & Genetics 2 units – Major Course	AGRC3042* Animal & Plant Biosecurity 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course
6 th Semester (July – Nov) <i>Semester 2</i>	AGRC3018 Sustainable Agricultural & Animal Systems 2 units – Core Course	ANIM3125 Ruminant Production Systems 2 units – Major Course	Option ANIM3006 OR AGRC3006 2 units – Major Course	Option 2 units – Program Elective or General Elective Course

*Recommended program elective course

Commencing 2024, the requirements to undertake CHEM1004 Chemistry is conditional on whether you have completed Queensland Year 12 Chemistry (or equivalent). Students should refer to the conditions noted below.

1. If you have not passed Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent) in secondary school, CHEM1004 is **compulsory**.
2. If you achieved a grade of C or lower in Queensland Year 12 Chemistry (Units 3 or 4) (or equivalent), it is **recommended** to complete CHEM1004.
3. If you achieved a grade of B or higher in Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent), CHEM1004 is **not required**, and you may select an additional 2 units of electives from your program course list.

Step 2 Decide on your major option course. Students can choose between [ANIM3006](#) or [AGRC3006](#).

Step 3 Decide on your program elective or general elective courses, noting which semester they are offered in. Students can take courses from other majors in the BAgrSc program as program elective courses.

Step 4 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the UQ [Programs and Courses](#) page. You may need to adjust courses in your study plan at this step.

Please refer to the [BAgrSc](#) course list for full course options.

Bachelor of Agricultural Science (BAgrSc) Horticulture Major

Students must follow the program rules & requirements listed on the [Programs and Courses Website](#).

Semester 1 commencement

Step 1 Start with the base study plan outlining Core Courses and Major Courses.

Year 1				
1 st Semester (Feb – Jun) <i>Semester 1</i>	AGRC1021 Biological Concepts & Plant Science 2 units – Core Course	AGRC1032 Ecology of Agricultural Systems 2 units – Core Course	AGRC1024 Plant Production Principles & Technologies 2 units – Major Course	AGRC1040* Food for a Healthy Planet 2 units – Program Elective or General Elective Course
2 nd Semester (July – Nov) <i>Semester 2</i>	MATH1040 Mathematical Foundations I Or STAT1201 Analysis of Scientific Data 2 units – Core Course	ANIM1020 Applied Animal Biology 2 units – Core Course	CHEM1004 Chemistry 2 units – Core Course	MGTS1982* Working with Groups & Teams 2 units – Program Elective or General Elective Course
Year 2				
3 rd Semester (Feb – Jun) <i>Semester 1</i>	AGRC2001 Agricultural Biochemistry 2 units – Core Course	LAND2003 The Soil Environment 2 units – Core Course	HORT2007 Horticultural Science 2 units – Major Course	PLNT2011 Plant & Environmental Health 2 units – Major Course
4 th Semester (July – Nov) <i>Semester 2</i>	AGRC2048 Plant Physiology 2 units – Major Course	AGRC2030* Agricultural Economics 2 units – Program Elective or General Elective Course	PLNT3009* Plant Protection 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course

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Year 3				
5 th Semester (Feb – Jun) <i>Semester 1</i>	LAND3005 Soil Plant Relationships 2 units – Major Course	AGRC3041* Plant Breeding 2 units – Program Elective or General Elective Course	AGRC3042* Animal & Plant Biosecurity 2 units – Program Elective or General Elective Course	Option 2 units – Program Elective or General Elective Course
6 th Semester (July – Nov) <i>Semester 2</i>	AGRC3018 Sustainable Agricultural & Animal Systems 2 units – Core Course	AGRC3040 Crop Physiology 2 units – Major Course	HORT3003 Production Horticulture 2 units – Major Course	HORT3009 Horticultural Science 2 2 units – Major Course

*Recommended program elective course

Commencing 2024, the requirements to undertake CHEM1004 Chemistry is conditional on whether you have completed Queensland Year 12 Chemistry (or equivalent). Students should refer to the conditions noted below.

1. If you have not passed Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent) in secondary school, CHEM1004 is **compulsory**.
2. If you achieved a grade of C or lower in Queensland Year 12 Chemistry (Units 3 or 4) (or equivalent), it is **recommended** to complete CHEM1004.
3. If you achieved a grade of B or higher in Queensland Year 12 Chemistry (Units 3 & 4) (or equivalent), CHEM1004 is **not required**, and you may select an additional 2 units of electives from your program course list.

Step 2 Decide on your program elective or general elective courses, noting which semester they are offered in. Students can take courses from other majors in the BAgSc program as program elective courses.

Step 3 Check prerequisites, incompatibilities, and restrictions for all courses you have selected in your study plan. You can click on the course codes above or find the course on the UQ [Programs and Courses](#) page. You may need to adjust courses in your study plan at this step.

Please refer to the [BAgSc](#) course list for full course options.

Do I need to complete the prerequisites for a course before I take it?

Some courses will have a block which will not allow students to enrol in the course before they have completed the prerequisite course. Other courses may list a prerequisite but will not block students from enrolling without it. It is the student's responsibility to check the prerequisites listed and complete the prerequisites before enrolling in the course.

Students who choose to take a course without completing the listed prerequisites first, take responsibility for their success in the course. There will be no special dispensation given to students who enrol in a course before completing the prerequisites listed, including (but not limited to) – extension to assessments, deferred exams, extension to CoE, program variation, removal of course.

What is a recommended prerequisite, and do I need to complete it first?

Recommended prerequisites are courses that are suggested you complete before enrolling in a course, however, are not required to be able to complete the course. It is at the student's discretion as to whether they would like to complete the recommended prerequisites before the course they are interested in enrolling.

Study Planner

Can I enrol in a Level 2 or 3 course sooner than is in the study plan if it doesn't have any prerequisites?

Yes, you can enrol in a Level 2 or 3 prerequisite course that has no prerequisites listed. You may wish to view the course profile to see if any prior knowledge/assumed background is required for the course.

Students should be mindful that UQ courses are coded according to their year level. For example, ANIM1020 is a first-year course because the first number in the course code is a 1. AGRC2001 is a second-year course as the first number in the code is a 2. Level 2 and 3 courses (including those without any prerequisites) will involve a greater level of knowledge and work and therefore, it is not recommended students complete these courses in their first year of study.

Students who choose to take a higher-level course earlier in their program take responsibility for their success in the course. There will be no special dispensation given to students who enrol in a course earlier than the coded course year, including (but not limited to) – extension to assessments, deferred exams, extension to CoE, program variation, removal of course.

General Electives

A course I want to study as a general elective has a restriction, can I still enrol?

You will need to request permission from the school running the course. See which school is listed for the course on the UQ [Programs and Courses](#) page and contact them for permission.

A general elective course I want to study is not offered in the semester I need it, what can I do?

Unfortunately, courses are only available in the semesters on offer as per the UQ website. If a course is not offered in the semester that you have space for it, you will need to select a different course.

Is there a list of general electives I can view?

No. As UQ has so many courses available for students to choose for general electives, there is not a single list of all general elective courses. Students may wish to search for courses in areas of interest in the UQ [Programs and Courses](#) page or select "Browse by Faculty" on this page to see courses listed in other undergraduate programs.

Timetable

How can I find out when my classes will be on?

Students can view the [2024 Public Timetable](#) online to see what the available classes will be on offer for the upcoming semester. Please see the question below for student's personal timetable.

How do I select my class times?

When the timetabling system is open for students to preference their classes, they can use the Timetable system via their [my.UQ dashboard](#). Please refer to [Enrolment and class allocation](#).