

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) [Vaccinations and Immunisation](#). Please refer *Table 1 – Student immunisation by program/course* in the PPL (Section 3 – Key Requirements. Part A – Identifying VPD Risk (15)); or the [Student immunisation requirements webpage](#) for further information on required vaccinations for this program. Students who do not complete the mandatory vaccination requirements by census date of their 1st semester will be unable to complete the program and will be requested to reconsider their enrolment in 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

2025

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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 | MATH1040 ¹ Mathematical Foundations I or STAT1201 ¹ Analysis of Scientific Data 2 units – Core Course |
| 2 nd Semester (July – Nov) <i>Semester 2</i> | ANIM1020 Applied Animal Biology 2 units – Core Course | CHEM1004 Chemistry 2 units – Core Course | OPTION 2 units – Program Elective or General Elective 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 | PLNT3009 * Plant Protection 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> | AGRC3018² 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 or a General Elective course.

¹. MATH1040 is compulsory for students who have not passed Queensland Mathematical Methods (or equivalent) in secondary school. For students who achieved a grade of C or lower in Mathematical Methods (or equivalent), it is recommended to complete MATH1040. MATH1040 is not available to students who achieved a grade of B or higher in Queensland Mathematical Methods (or equivalent) and those students should complete STAT1201.

². This course has a mandatory field trip component that must be undertaken to successfully complete the course requirements.

Step 2 Decide on your program elective or general elective courses, noting which semester they are offered in. Some recommendations have been provided but are not mandatory. Students can take courses from other majors in the BAgSc program as program elective courses, or choose general electives from other programs at UQ.

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 [BAgrSc](#) 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 | MATH1040¹ Mathematical Foundations I or STAT1201¹ Analysis of Scientific Data 2 units – Core Course | AGRC1040* Food for a Healthy Planet 2 units – Program Elective or General Elective Course |
| 2 nd Semester (July – Nov) <i>Semester 2</i> | ANIM1014 Animal Behaviour, Handling & Wellbeing 2 units – Major 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> | AGRC3018² 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 or a General Elective course.

¹. MATH1040 is compulsory for students who have not passed Queensland Mathematical Methods (or equivalent) in secondary school. For students who achieved a grade of C or lower in Mathematical Methods (or equivalent), it is recommended to complete MATH1040. MATH1040 is not available to students who achieved a grade of B or higher in Queensland Mathematical Methods (or equivalent) and those students should complete STAT1201.

². This course has a mandatory field trip component that must be undertaken to successfully complete the course requirements.

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. Some recommendations have been provided but are not mandatory. Students can take courses from other majors in the BAgSc program as program elective courses, or choose relevant general electives from other programs at UQ.

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 [BAgSc](#) 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 | MATH1040¹ Mathematical Foundations I or STAT1201¹ Analysis of Scientific Data 2 units – Core Course |
| 2 nd Semester (July – Nov) <i>Semester 2</i> | ANIM1020 Applied Animal Biology 2 units – Core Course | CHEM1004 Chemistry 2 units – Core Course | OPTION 2 units – Program Elective or General Elective 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> | AGRC3018² 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 or a General Elective course.

¹. MATH1040 is compulsory for students who have not passed Queensland Mathematical Methods (or equivalent) in secondary school. For students who achieved a grade of C or lower in Mathematical Methods (or equivalent), it is recommended to complete MATH1040. MATH1040 is not available to students who achieved a grade of B or higher in Queensland Mathematical Methods (or equivalent) and those students should complete STAT1201.

². This course has a mandatory field trip component that must be undertaken to successfully complete the course requirements.

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 or choose general electives from other programs at UQ.

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.

Frequently Asked Questions (FAQ)

Program Information

Can I study this program part-time?

International students on a student visa must study this program full-time, as per their visa conditions.

Domestic students may choose to complete the program part-time. Part-time students are required to develop their own study plan, however, if you would like assistance with this, please contact the [Faculty of Science](#).

Can I study the Bachelor of Agricultural Science online?

No, this program requires mandatory in person attendance at the University of Queensland Gatton campus.

I have completed study at another university, can I be awarded credit towards this program?

Students who have completed study at another institute, at the equivalent level (AQF Level 7) may be eligible for credit towards this program. Students can utilise the [UQ Credit Precedent Database](#) (CPD) to see if their prior completed study has been previously assessed for credit. Please note that the UQ CPD is a guide ONLY and does not guarantee credit will be awarded.

Students can apply for credit via an [online application](#) form which will be processed by the Faculty of Science.

For further information on the credit Policy and Procedures, please refer to [UQ PPL Recognition of Prior Learning](#).

What are the key semester dates for study in this program?

Please refer to the [Academic Calendar](#) for key dates throughout the year.

Course Information

What is a course profile?

Please refer to: [What is a course profile?](#)

Where can I find the course profile?

Please refer to: [Where do I find the course profile for my course?](#)

Where can I find the course coordinator?

The course coordinator can be found on the course profile. Please refer to question "Where can I find the course profile?".

How do I enrol in courses?

Please refer to [Enrolment and class allocation](#) for detailed instructions on enrolling in courses for the upcoming semester.

What is a prerequisite?

Please refer to: [What does 'prerequisite' mean in a course profile?](#)

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.

Do I need to take the recommended electives identified in the study planner?

No, they have been provided as recommendations from the Program Director to help with the selection of suitable courses, but they are not mandatory, and you can choose alternate program or general elective options.

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 [2025 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](#).