

Faculty of Science

Planning Your Enrolment

CRICOS 00025B • TEQSA PRV12080

Acknowledgement of Country

The University of Queensland (UQ) acknowledges the Traditional Owners and their custodianship of the lands on which we meet.

We pay our respects to their Ancestors and their descendants, who continue cultural and spiritual connections to Country.

We recognise their valuable contributions to Australian and global society.



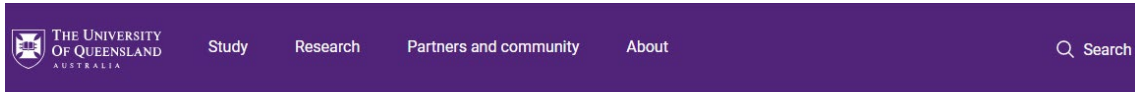
Today's Session

- Study Planners
- Planning Your Enrolment
- Course Levels
- Types of Courses
- Course Information and ECPs
- First Semester Enrolment
- Timetable
- Credit and Exemption
- Cross-listed Courses
- Resources
- Q&A

Study Planners

Postgraduate & Undergraduate Single Programs

[Science Planners Website](#)




Science planners

[Home](#) [Undergraduate](#) [Postgraduate](#) [Support](#) ▾


Science study planners

Study planners to help you organise your enrolment.




Undergraduate

Study plans for diplomas and bachelor degrees.



Postgraduate

Study plans for graduate certificates, graduate diplomas and master degrees.



Changes to our programs

Details of changes to Science programs

Undergraduate Dual Degrees

PDF Link from [Program Page](#)

Bachelors of Science / Arts (BSc/BA)

Information valid for students commencing 2023

Show information for:

Australian **International**

Duration
4 Years full-time (or part-time equivalent)

Commencing 2023
Semester 1 (20 Feb, 2023)
Semester 2 (24 Jul, 2023)

Program level	Units	Program code
Undergraduate	64	2478

Faculties
[Humanities and Social Sciences](#)
[Science Faculty](#)

Teaching Location **Attendance mode**
St Lucia In Person

Courses and requirements

View the [courses and requirements](#) for courses that can be studied as part of the Bachelors of Science / Arts.

Component Degrees
Component Degrees that make up the Bachelors of Science / Arts:

- [Bachelor of Science](#)
- [Bachelor of Arts](#)

Dual Degree Planner
[Bachelors of Science / Arts](#)

Why study the Bachelors of Science / Arts?

Equip yourself for success in a rapidly changing world by choosing your own portfolio of and science specialisations.

From Aboriginal and Torres Strait Islander Studies through to Zoology, this four-year dual degree program offers you one of the widest possible ranges of majors and courses across science and the arts. You can structure your program within each degree component to include majors in your area of interest and a range of electives.

Students who commenced in the program prior to 2021 should refer to the program information in the year of commencement for the [Bachelor of Science / Arts — 2109](#). If are interested in further information about the revised program structure, please contact [Faculty of Science Student Enquiries Office](#).

▶ [What you can study](#)

▶ [How to apply](#)

▶ [What it costs](#)

▶ [Program rules for the Bachelors of Science / Arts](#)

Planning Your Enrolment

Study Planner
for the year you started



Program and Course Requirements
for the year you started

2023 Dual Degree Study Planner
Bachelor of Biomedical Science / Bachelor of Science

Semester 1 Commencement | Full Time Study Planner

BACHELOR OF BIOMEDICAL SCIENCE			BACHELOR OF SCIENCE (Single Major)		
Course Code	Course Name	Units	Course Code	Course Name	Units
BIOL1020	Genes, Cells & Evolution	2			
CHEM1100	Chemistry 1	2	Level 1 Co		
SCIE1000	Theory & Practice in Science	2			
BIOL1040	Cells to Organisms	2	Level 1 Co		
STAT1201	Analysis of Scientific Data	2	Level 1 Co		
STAT1301	Advanced Analysis of Scientific Data	2			
BIOL2200	Cell Structure & Function	2	Program Elective Co		
BIOM2011	Integrative Cell & Tissue Biology	2	Level 2 Co		
BIOL2202	Genetics	2	Level 2 Co		
	Level 2 program elective from BBiomedSc course list	2	Elective Co		
	Level 2 Course		Level 2 Co		
	Level 2 program elective from BBiomedSc course list	2	Program Elective Co		
	Level 2 Course		Level 3 Co		

2023 Bachelor of Biotechnology (BBiotech) Agricultural Biotechnology Extended 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	1st Semester (Feb-Jun)	2nd Semester (Jul-Nov)	1st Semester (Feb-Jun)	2nd Semester (Jul-Nov)
Year 1	BIOL1020 Genes, Cells & Evolution 2 units – Core Course	CHEM1100 Chemistry 1 2 units – Core Course	BIOL1030 Biodiversity and the Environment 2 units – Major Course	FOOD1001 2 units – Recommended Major Prerequisite OR Program Elective Course
	STAT1201 OR STAT1301 2 units – Core Course	Option 2 units – General Elective Course	Option 2 units – General Elective Course	BIOL1040 2 units – Recommended Major Prerequisite OR General Elective Course
Year 2	BIOC2000 Biochemistry & Molecular Biology 2 units – Major Course	Option Agricultural Biotechnology Level 2 Elective Course 2 units – Major Course	Option 2 units – General Elective Course	Option 2 units – General Elective Course
	BIOL2202 Genetics 2 units – Major Course	BIOT2002 Issues in Biotechnology 2 units – Major Course	Option Agricultural Biotechnology Level 2 Elective Course 2 units – Major Course	Option 2 units – General Elective Course



Program and course requirements

Information for students commencing

2023

Complete 48 units comprising:

- 32 to 48 units for BSc Courses, and
- 0 to 16 units for General Electives

Selected courses must include at most 24 units

Complete 28 to 44 units comprising:

- 16 units for one Major from [BSc Major list](#), and
- 0 to 4 units from [BSc Level 1 Prerequisite Course](#)
- Either:
 - 8 to 28 units for [BSc Minor Option](#), or
 - 8 to 28 units for [BSc No Minor Option](#)

Selected courses must include at least 10 units

Program and course requirements

Information for students commencing

2023

Complete 32 units for one of the following:

- 32 units for MBiotech - 2 year duration, or
- 32 units for MBiotech - 1.5 year duration (24 units of study and 8 units for prior learning), or
- 32 units for MBiotech - 1 year duration (16 units of study and 16 units for prior learning)

[Expand all](#)

MBiotech - 2 year duration

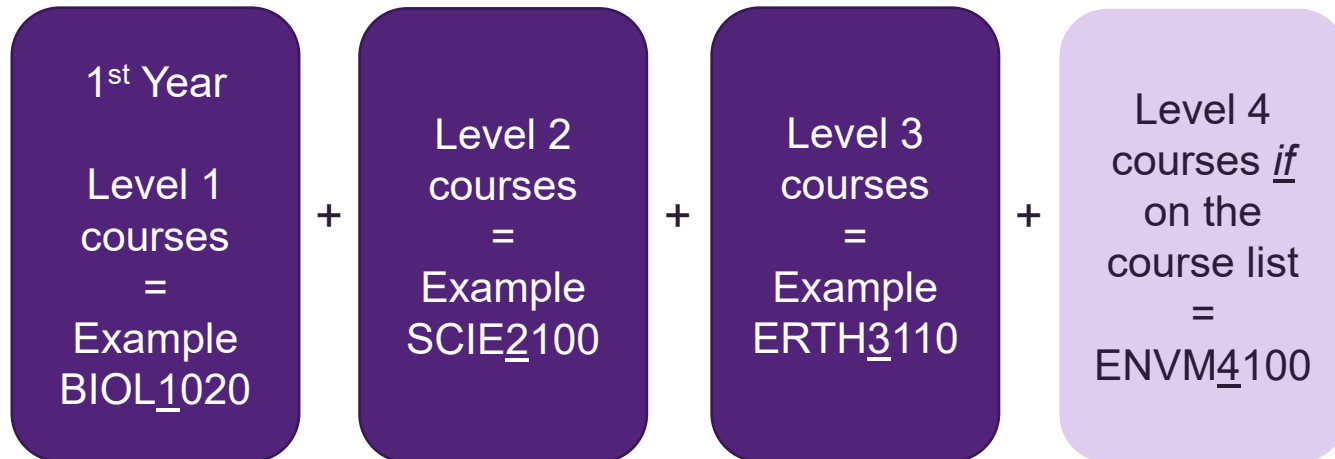
Complete 32 units comprising:

- 8 units for all [MBiotech Foundational Courses](#), and
- 8 units for all [MBiotech Core Courses](#), and
- Either:

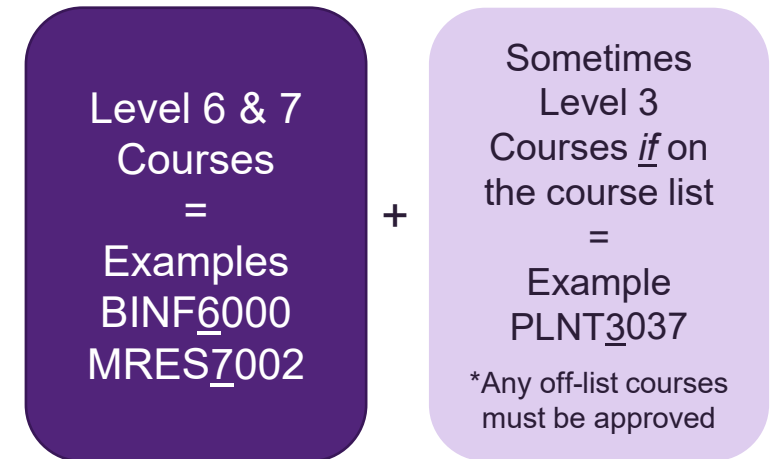
International students with credit: Refer to the email sent to your student email address for details on remaining requirements and study plan

Course Levels

Undergraduate



Postgraduate



Types of Courses

Undergraduate & Postgraduate

Core

- Compulsory, must be completed

Note: Postgraduate programs may have flexible core courses

Program Elective

- Program Electives section of course list
- Courses from other majors or minors you're not completing in full

Note: Does not include non-science 'UQ Minors' courses

General Elective

- Any section of program's course list, or other programs' course lists
- Check the level
- Most programs have a max. number of general electives

Note: Not many postgraduate programs have general elective courses.

Research Project

- Student-led research in theoretical or practical setting
- Contact School prior to enrolment
- Some programs (especially postgraduate) will require min. number of research courses

Undergraduate

Major

- If your program has majors, it's compulsory to complete one
- Majors include Major Compulsory Courses and Major Elective Courses, with requirements at each level

Major Prerequisite

- Required or recommended for progression to higher level courses in your major
- Count as program electives (not towards major)

Minor

- If your program has minors, they're optional *Exception: BSc/BEd(Sec)*
- Minors count towards program or general electives

Postgraduate

Foundational

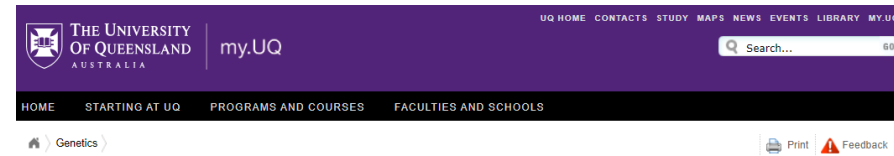
- Compulsory foundational knowledge for the program.
- Students completing a reduced duration masters program generally don't complete foundational courses

Note: Students may obtain exemption from foundational courses. They must be completed unless a formal exemption has been granted by the Faculty of Science

Field of Study

- A prescribed combination of courses in a specific area
- Some programs require a field of study, for other programs completing a field of study is optional

Course Information



THE UNIVERSITY OF QUEENSLAND AUSTRALIA | my.UQ | Search... | HOME | STARTING AT UQ | PROGRAMS AND COURSES | FACULTIES AND SCHOOLS | Genetics | Print | Feedback

Genetics (BIOL2202)

Information valid for Semester 2, 2024

Check the semester offering, location & delivery mode

Course level
Undergraduate

Faculty
Science

Schools
Chemistry & Molec Biosciences, School of the Environment

Units
2

Duration
One Semester

Attendance mode
In Person

Class hours
Lecture 3 Hours/ Week
Practical 3 Hours/ Week

Incompatible
BIOL2007 or BIOL2009

Prerequisite
BIOL1020 or BIOE1001 or CHEE1001

Assessment methods
Assignments, Examination

Course enquiries
Professor James Fraser ()
Prof. James Fraser (genetics@uq.edu.au)

Study Abroad
This course is pre-approved for Study Abroad and Exchange students.

Check any prerequisites, incompatibilities, or restrictions. Some courses require Head of School permission to enrol. Email the relevant school team to request permission.

Contact your course coordinator if you have questions about course content or assessment. Google their name + UQ to find their contact details.

Current course offerings

Course offerings	Location	Mode	Course Profile
Semester 2, 2024 (22/07/2024 - 18/11/2024)	St Lucia	In Person	COURSE PROFILE

Please Note: Course profiles marked as not available may still be in development.

Click to view the Electronic Course Profile (ECP) for detailed course information. These are published just before the start of the new semester.

Course description

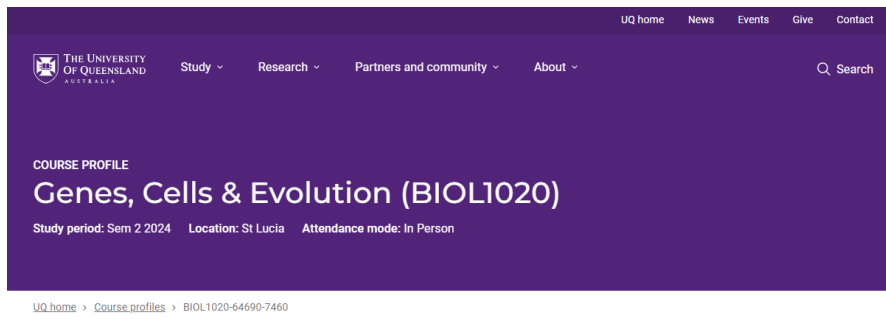
The discipline of Genetics has pioneered the core concepts underlying many diverse fields of biology - ranging from medicine, biochemistry and microbiology to ecology, evolution and environmental sciences. BIOL2202 Genetics is therefore a recommended second level subject for all students pursuing a biology-focused major. Employing a strong experimental component, BIOL2202 integrates classical concepts of inheritance, development and variation with modern molecular advances arising from the post-genomic era.

Archived offerings

Course offerings	Location	Mode	Course Profile
Semester 2, 2023 (24/07/2023 - 18/11/2023)	St Lucia	In Person	COURSE PROFILE
Semester 2, 2022 (25/07/2022 - 19/11/2022)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2021 (26/07/2021 - 20/11/2021)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2021 (26/07/2021 - 20/11/2021)	External	External	COURSE PROFILE
Semester 2, 2020 (03/08/2020 - 21/11/2020)	St Lucia	Flexible Delivery	COURSE PROFILE
Semester 2, 2020 (03/08/2020 - 21/11/2020)	External	External	COURSE PROFILE
Semester 2, 2019 (22/07/2019 - 16/11/2019)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2018 (23/07/2018 - 17/11/2018)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2017 (24/07/2017 - 18/11/2017)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2016 (25/07/2016 - 19/11/2016)	St Lucia	Internal	COURSE PROFILE
Semester 2, 2015 (27/07/2015 - 21/11/2015)	St Lucia	Internal	COURSE PROFILE

If the ECP is unavailable, use the previous ECP as a guide until it is published.

Electronic Course Profiles (ECPs)



[UQ home](#) > [Course profiles](#) > BIOL1020-64690-7460

Course overview

- Course requirements
- Course contact
- Course staff
- Timetable
- Alms and outcomes
- Assessment
- Learning resources
- Learning activities
- Policies and procedures

Course overview

Study period Semester 2, 2024 (22/07/2024 - 18/11/2024)	Units 2
Study level Undergraduate	Administrative campus St Lucia
Location St Lucia	Coordinating unit The Environment School
Attendance mode In Person	

Students taking this course will learn about the fundamentals of molecular cell biology and genetics by examining what cells are made of and how the genetic information to build cells and perform cellular processes is encoded, executed, and inherited. The course explores the connections between physical processes at the molecular level and the whole organism phenotype, and identifies how cellular, genetic, and evolutionary processes affect everyday life.

Cells and genetic material form the building blocks of life. This course will start by focussing on cells: examining the major domains of life (recognisable by their distinct cell types), introducing biologically important molecules and their roles in defining cell structure and function, considering metabolic energy flows, and finally inspecting the mechanics of cellular division and reproduction. Then we will examine how genetic information is encoded, copied and used to create proteins by various organisms (prokaryotes, eukaryotes, and viruses). Building upon this understanding of the mechanics of DNA copying and transcription, we will explore how these molecular and cellular processes yield whole organism phenotypes. And, conversely, using phenotypes as a starting point for observations, we will examine how the underlying molecular structures and cellular processes can be inferred. Then, we will consider how the relationships between molecular and cellular structures and organismal phenotypes influences evolutionary change, and we will discuss how evolution impacts our everyday lives. The course will close by

Learning activities

The learning activities for this course are outlined below. Learn more about the [learning outcomes](#) that apply to this course.

Filter activity type by

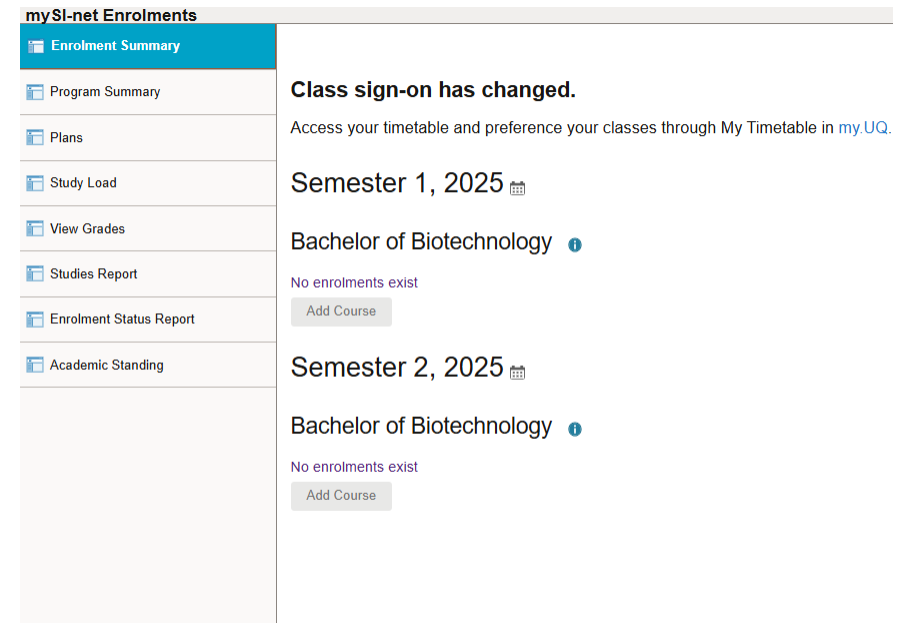
Please select [Clear filters](#)

Learning period	Activity type	Topic
Multiple weeks From Week 1 To Week 4 (22 Jul - 18 Aug)	Lecture	SECTION 1: MOLECULAR & CELLULAR BIOLOGY (Kate Stacey)
		W1. Welcome to BIOL1020! Basic cell structures
		W2. DNA structure & Replication, Cell organelles
		W3. Tree of Life. Cellular energy and respiration
		W4. Cell division, cell cycle and cancer
	Tutorial	SECTION 1: MOLECULAR & CELLULAR BIOLOGY
		W1. Basic cell structures
		W2. DNA structure & Replication, Cell organelles
		W3. Tree of Life. Cellular energy and respiration
		W4. Cell division, cell cycle and cancer
	Practical	SECTION 1: MOLECULAR & CELLULAR BIOLOGY
		W1. Introduction
		W2. Molecular Biology Techniques
		W3. Cell Biology
		W4. NO RACTICAL
Not Timetabled		SECTION 1: MOLECULAR & CELLULAR BIOLOGY
		Online learning modules on UQ Extend
		W1. Intro to Course and Molecular Structure of Cells
		W2. Molecular structure of cells

[Check the Assessment section](#)

First Semester Enrolment

- Use your program’s study planner and program and course requirements to choose courses
- Plan core courses, prerequisite / foundational courses, major / field / research courses, program electives, then general electives
- Login to **SI-net**, complete outstanding tasks/actions, click Enrolments, then ‘Add Courses’
- Refer to the [Academic Calendar](#)
 - Domestic students must enrol in at least one course by **31 Jan**
 - International students must enrol in at least one course by **21 Feb**
 - Students can add courses / change enrolment in SI-net until **7 Mar**
- If your program has majors, you must complete at least one. You don’t have to declare it in your first year – take core courses, prerequisites and Level 1 major courses from areas of interest. If you change your mind later, these can count as program electives.
- Standard full-time enrolment is **8 units (4 courses)**
 - 6 units (3 courses) is also full-time, international students require permission to enrol in only 6 units or less as this will extend study duration
 - Overloading is enrolling in 10 units (5 courses) in a semester. You cannot overload in your first semester. If your GPA is 4.50 or more in the previous semester, you can overload



The screenshot shows the 'mySI-net Enrolments' interface. On the left is a navigation menu with options: Enrolment Summary (selected), Program Summary, Plans, Study Load, View Grades, Studies Report, Enrolment Status Report, and Academic Standing. The main content area displays a notification: 'Class sign-on has changed. Access your timetable and preference your classes through My Timetable in my.UQ.' Below this, it shows 'Semester 1, 2025' for the 'Bachelor of Biotechnology' program, with a note 'No enrolments exist' and an 'Add Course' button. A similar section is shown for 'Semester 2, 2025' for the same program, also with 'No enrolments exist' and an 'Add Course' button.

Timetable

- Timetable preferencing and allocation is done through My Timetable (access via my.UQ dashboard)
- After you enrol in SI-net, courses will take **24 hours** to appear in My Timetable
- Video guides
 1. Timetable Planning <https://www.youtube.com/watch?v=Q88X4wQecgE>
 2. Class Preferencing (**13 Jan to 9am 28 Jan**)
<https://www.youtube.com/watch?v=6s46yX8t91Y>
 3. Class Allocation / Adjustment (**12pm 3 Feb to 9am 3 Mar**)
<https://www.youtube.com/watch?v=ELPesX4YAQk>
- Clashes – if an elective clashes with a compulsory course, you may need to enrol in another elective
- Delayed viewing lectures can be watched any time that suits you, so you can schedule another class at the same time
- All lectures are recorded, but you should attend live

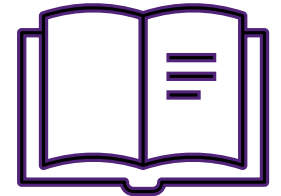


Timetable Enquiries

science.mytimetable@uq.edu.au
or contact the relevant School

Credit and Exemption

- Students may apply for [credit or exemption](#) based on prior studies
- Credit means prior learning has been assessed as the same level, depth and breadth or as a direct match to UQ course/s. Credit reduces the number of courses left to complete at UQ
- Exemption means students are not required to complete the exempted course/s but must complete another course of equivalent level and unit value in its place
- Apply for credit / exemption based on prior university or TAFE studies through **my.UQ**
[Watch the How to Apply video](#)
- Apply for credit / exemption based on [International Baccalaureate](#) studies with the [downloadable application form](#)
- International students with credit already on their offer receive emails with their remaining requirements and study plan



Postgraduate Students

- Students studying Masters program may be able to reduce the number of courses to complete and graduate in less time if they have relevant prior learning or experience. If **Reduced Program Duration Credit** is granted, students should follow program and course requirements for the shorter duration (1.5 years or 1 year)
- Credit can only be granted based on prior study at the same level (no UG to PG credit)

Cross-listed courses

If your program offers plans (majors, extended majors, minors), check the Additional Rules at the bottom of the program and course requirements page

BACHELOR OF
Science

Program and course requirements

Information for students commencing

2025

Complete 48 units comprising:

- 32 to 48 units for BSc Courses, and
- 0 to 16 units for General Electives

Selected courses must include at most 24 units at level 1.

[Expand all](#) ▼

BSc Courses ▼

General Electives ▼

Additional Rules

1. Program plan

Additional Rules

1. Program plan

- Each extended major must include 12 units of courses at level 3 or higher, taken from that extended major's list and counted towards no other plan.
- Each major must include 8 units of courses at level 3 or higher, taken from that major's list and counted towards no other plan.
- Each minor or UQ minor must include 4 units of courses at level 2 or higher, taken from that minor or UQ minor's list and counted towards no other plan.
- Where the program is undertaken with more than one plan, any course listed more than once must be substituted in one plan by a course at the same level or higher from the list for that plan, or from the BSc course list (excluding general elective courses).
- *extended major* means a prescribed combination of 24 units from the extended major section
- *major* means a prescribed combination of 16 units from the major section
- *minor* means a prescribed combination of 8 units from the minor section
- *plan* means a minor, major or extended major in the BSc
- *UQ minor* means a prescribed combination of 8 units from the general elective courses section

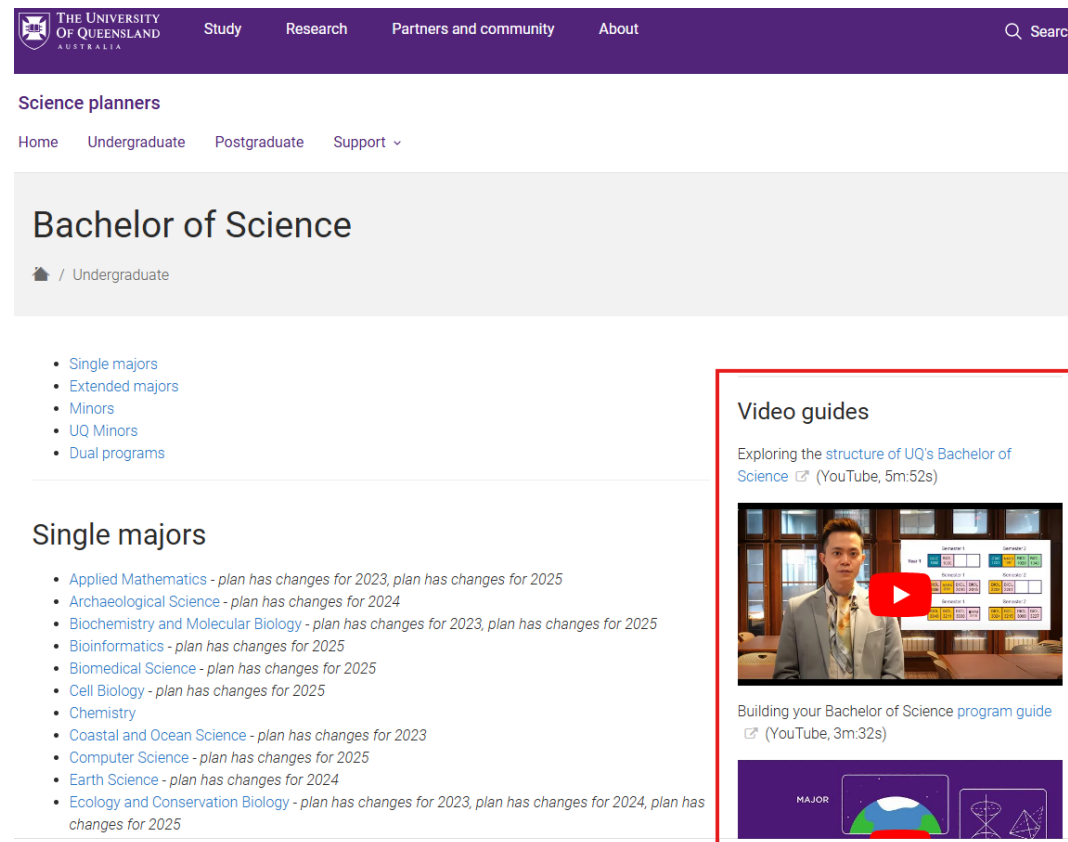


Watch the Cross-listed courses in science programs video

<https://www.youtube.com/watch?v=p7dfkF4tdHI>

Reminders

- Start by planning your first 1-2 semesters, you may change your plans later
- Some programs have video guides on the [Science Planners website](#) (e.g. [BSc](#))
- Check the **Additional Rules** at the bottom of your program and course requirements page
 - The BSc requires 10 units of Level 3 BSc program electives (majors only include 8 units)
 - Many bachelor programs permit only 24 units (12 courses) at Level 1, the BAdvSc(Hons) permits only 20 units (10 courses) at Level 1
- To enter the [Doctor of Medicine \(MD\)](#), you must complete [BIOM2011](#) (Sem 1) and [BIOM2012](#) (Sem 2). [BIOL1040](#) (Sem 2) is a prerequisite
- For in-person advice, visit the [Faculty of Science](#) office from 8:30am to 4:30pm Monday to Friday (Gatton and St Lucia)



The screenshot shows the 'Science planners' section of the University of Queensland website. The navigation bar includes 'Study', 'Research', 'Partners and community', and 'About'. The main heading is 'Bachelor of Science' under the 'Undergraduate' category. A list of major options is provided, including Single majors, Extended majors, Minors, UQ Minors, and Dual programs. The 'Single majors' section lists various disciplines with notes on plan changes for 2023, 2024, and 2025. A red box highlights a 'Video guides' section featuring two YouTube videos: 'Exploring the structure of UQ's Bachelor of Science' (5m:52s) and 'Building your Bachelor of Science program guide' (3m:32s).

Resources

- [A Student's Guide to Enrolling and Timetabling](#)
- [Science Study Planners & videos](#)
- [Programs and Courses](#)
- [My Timetable videos](#)
- [Credit and Exemption](#)
- [Cross-listed courses in science programs](#)
- [UQ Academic Calendar](#)
- Enrolment enquiries enquire@science.uq.edu.au
- Timetable enquiries science.mytimetable@uq.edu.au

Questions

