



Program Overview

Program Code: 2479

Total Units: 64

Please refer to [BSc/BEd\(Sec\)](#) for further information on the program.

Important Information

- At UQ we refer to your degree as a program and a subject as a course.
- Most UQ courses have a value of 2 units.
- If you are a full-time student, you will undertake 8 units (usually 4 courses) each semester.
- A course can only count once towards your program requirements

It is your responsibility to make sure you complete the requirements for each component of this dual program so you can graduate with both degrees. You must follow the program requirements, including any additional rules, listed on the [Programs and Courses website](#). This study planner must be used in conjunction with your program requirements.

You need to check the prerequisites, incompatible courses, restrictions and semester offerings for all courses you choose in your study plan. You are advised to check the scheduling for the current year and contact your faculty for planning advice if course scheduling has changed in a future year.

Program Requirements

[Bachelor of Science component](#)

The BSc program consists of 32 units comprising –

- 4 units for all BSc Core Courses, and
- 0 to 4 units from BSc Level 1 Prerequisite Courses for Majors, and
- 16 units for one Major from BSc Major List, and
- 8 units for one Minor from BSc Minor List, and
- 0 to 4 units for BSc Program Electives

[Bachelor of Education \(Secondary\) component](#)

The BEd(Sec) program consists of 32 units comprising –

- 16 units for all BEd(Sec) Core Courses, and
- 16 units for all BEd(Sec) Professional Year Courses

Additional Rules

Your program has additional rules that you need to read carefully to make sure you meet your program requirements for graduation – please refer to your [program here](#).

Selecting Plans in SI-Net

A plan is a prescribed combination of courses within a program being either a major (16 units), extended major (24 units), or minor (8 units). Make sure the plans for your program are correctly listed in [mySI-net](#). If you require assistance selecting your plan(s), follow these [instructions](#).

You may need to change this study planner depending on the plan(s) that you have chosen to study.



Global Experience

If you are planning on completing an overseas exchange, you may have to change this study plan. If you would like an exchange experience in your program, you are encouraged to seek advice early in your program and to be aware of the exchange application deadlines. For more information see the [Global Experiences](#) page.

Exit Early

If you have met the requirements of the early exit criteria (see Additional Rules if applicable), you can choose to exit from your dual program. Alternatively, if you decide to change your program at any time during your studies, please contact the relevant faculty for advice.

Further Assistance

If you need more help or have any questions, please contact the relevant Faculty for advice:

Bachelor of Mathematics

[Faculty of Science](#)

Email: enquire@science.uq.edu.au

Phone: +61 7 3365 1888

Bachelor of Education (Secondary)

[Faculty of Humanities, Arts and Social Sciences](#)

Online: [Ask HASS online](#)

Email: hass@uq.edu.au

Phone: +61 7 3365 1333

Study Planners

Bachelors of Science / Education (Secondary)

Semester 1 commencement	3
Semester 2 commencement	5



Semester 1 Commencement

Bachelor of Science		Bachelor of Education (Secondary)				
Year 1	1 st Semester (Feb – Jun)		Semester 1			
	SCIE1000	BSc Core Course	2 units	EDUC1710	BEd(Sec) Core Course	2 units
		BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units			
		BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units			
	2 nd Semester (Jul – Nov)		Semester 2			
	STAT1201 or STAT1301 *	BSc Core Course	2 units	EDUC1650	BEd(Sec) Core Course	2 units
		BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units			
	BSc Minor Course	2 units				

* Refer to your course list for options of courses

Bachelor of Science		Bachelor of Education (Secondary)				
Year 2	3 rd Semester (Feb – Jun)		Semester 1			
		BSc Level 2 Major Course	2 units	EDUC2601 * ^	BEd(Sec) Core Course	2 units
		BSc Level 2 Major Course	2 units			
		BSc Minor Course	2 units			
	4 th Semester (Jul – Nov)		Semester 2			
		BSc Level 2 Major Course	2 units	EDUC2604	BEd(Sec) Core Course	2 units
	BSc Minor Course	2 units	EDUC2090	BEd(Sec) Core Course	2 units	

* Placement requirement – please refer to course profile for details.

^ EDUC2601 requires a LANTITE attempt as a prerequisite for enrolment.

Bachelor of Science		Bachelor of Education (Secondary)				
Year 3	5 th Semester (Feb – Jun)		Semester 1			
		Remaining units for major and minor must include total of 8 units Level 3 for major and 2 units Level 3 from minor or BSc course list.	6 units	EDUC3602	BEd(Sec) Core Course	2 units
	6 th Semester (Jul – Nov)		Semester 2			
		Remaining units for major and minor must include total of 8 units Level 3 for major and 2 units Level 3 from minor or BSc course list.	4 units	EDUC3605 *	BEd(Sec) Core Course	2 units
			EDUC3606	BEd(Sec) Core Course	2 units	

* Placement requirement – please refer to course profile for details.

Year 4 of study planner continued on next page

Program notes:

For the BSc component of the dual program, students completing a single major + minor will require one of the following due to the amount of units required:

- Complete a Level 3 (or higher) course towards the minor; or
- Count 2 units towards both the major and minor requirements (excluding Level 3 courses); or
- Only 2 units of prerequisite courses.

Option (a) is displayed in the study planner above.

1 If chosen BSc major only requires 2 units of prerequisites, complete course from BSc minor.



Semester 1 Commencement continued

Year 4	Bachelor of Science	Bachelor of Education (Secondary)	
	7 th Semester (Feb – Jun)	Semester 1	
		EDUC4615 * <i>BEd(Sec) Professional Year Course</i>	2 units
		EDUC4620 <i>BEd(Sec) Professional Year Course</i>	2 units
		EDUC_ _ _ _ <i>BEd(Sec) Professional Year Course (Part A)</i>	2 units
		EDUC_ _ _ _ <i>BEd(Sec) Professional Year Course (Part A)</i>	2 units
	8 th Semester (Jul – Nov)	Semester 2	
		EDUC4607 <i>BEd(Sec) Professional Year Course</i>	2 units
		EDUC4625 * <i>BEd(Sec) Professional Year Course</i>	2 units
		EDUC_ _ _ _ <i>BEd(Sec) Professional Year Course (Part B)</i>	2 units
	EDUC_ _ _ _ <i>BEd(Sec) Professional Year Course (Part B)</i>	2 units	

* Placement requirement – please refer to course profile for details



Semester 2 Commencement

Year 1	Bachelor of Science		Bachelor of Education (Secondary)	
	1 st Semester (Jul – Nov)		Semester 2	
	STAT1201 or BSc Core Course STAT1301 *	2 units	EDUC1650 BEd(Sec) Core Course	2 units
	BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units		
	BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units		
	2 nd Semester (Feb – Jun)		Semester 1	
	SCIE1000 BSc Core Course	2 units	EDUC1710 BEd(Sec) Core Course	2 units
BSc Level 1 Extended Major Prerequisite / Compulsory Course ¹	2 units	EDUC2601 * ^ BEd(Sec) Core Course	2 units	

* Refer to your course list for options of courses

* Placement requirement – please refer to course profile for details.

^ EDUC2601 requires a LANTITE attempt as a prerequisite for enrolment.

Year 2	Bachelor of Science		Bachelor of Education (Secondary)	
	3 rd Semester (Jul – Nov)		Semester 2	
	BSc Level 2 Major Course	2 units	EDUC2604 BEd(Sec) Core Course	2 units
	BSc Minor Course	2 units	EDUC2090 BEd(Sec) Core Course	2 units
	4 th Semester (Feb – Jun)		Semester 1	
	BSc Level 2 Major Course	2 units	EDUC3602 BEd(Sec) Core Course	2 units
BSc Level 2 Major Course	2 units			
BSc Minor Course	2 units			

Year 3	Bachelor of Science		Bachelor of Education (Secondary)	
	5 th Semester (Jul – Nov)		Semester 2	
	BSc Minor Course	2 units	EDUC3606 BEd(Sec) Core Course	2 units
	Remaining units for major and minor must include total of 8 units Level 3 for major and 2 units Level 3 from minor or BSc course list.	4 units		
	6 th Semester (Feb – Jun)		Semester 1 PART TIME SEMESTER ^	
Remaining units for major and minor must include total of 8 units Level 3 for major and 2 units Level 3 from minor or BSc course list.	4 units			

Year 4 and 5 of study planner continued on next page

Program notes:

For the BSc component of the dual program, students completing a single major + minor will require one of the following due to the amount of units required:

- Complete a Level 3 (or higher) course towards the minor; or
- Count 2 units towards both the major and minor requirements (excluding Level 3 courses); or
- Only 2 units of prerequisite courses.

Option (a) is displayed in the study planner above.

1 If chosen BSc major only requires 2 units of prerequisites, complete course from BSc minor.

^ The Bachelor of Education (Secondary) Professional Year can only be commenced in Semester 1, in full-time study mode. Students who commence their dual program in Semester 2 (mid-year) will need to complete two semesters in part-time study mode to allow for this.



Semester 2 Commencement continued

Bachelor of Science		Bachelor of Education (Secondary)	
Year 4	7 th Semester (Jul – Nov)	Semester 2	PART TIME SEMESTER ^
	8 th Semester (Feb – Jun)	Semester 1	EDUC3605 * BEd(Sec) Core Course 2 units
			EDUC4615 * BEd(Sec) Professional Year Core Course 2 units
			EDUC4620 BEd(Sec) Professional Year Core Course 2 units
			EDUC_____ BEd(Sec) Professional Year Course (Part A) 2 units
EDUC_____ BEd(Sec) Professional Year Course (Part A) 2 units			

* Placement requirement – please refer to course profile for details.

Bachelor of Science		Bachelor of Education (Secondary)	
Year 5	7 th Semester (Jul – Nov)	Semester 2	
			EDUC4607 BEd(Sec) Professional Year Core Course 2 units
			EDUC4625 * BEd(Sec) Professional Year Core Course 2 units
			EDUC_____ BEd(Sec) Professional Year Course (Part B) 2 units
			EDUC_____ BEd(Sec) Professional Year Course (Part B) 2 units

* Placement requirement – please refer to course profile for details

Science Teaching Areas

Information regarding relevant content for the teaching areas in Queensland can be viewed at [Queensland Curriculum & Assessment Authority](http://www.qcaa.qld.edu.au)



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How to use the table

1. Select two teaching areas
2. Choose a major for your 1st teaching area and a minor for your 2nd teaching area (eg. Biology teaching – Ecology and Conservation Biology major, plus Chemistry teaching – Chemistry minor)
3. Enrol in required Level 1 courses from both the major and minor BSc course lists (www.uq.edu.au/study)

Teaching Areas	Science Majors To Meet Teaching Area	Science Minors To Meet Teaching Area	Additional Information		
Biology	<ul style="list-style-type: none"> Biochemistry and Molecular Biology Biomedical Science Cell Biology Ecology and Conservation Biology 	<ul style="list-style-type: none"> Genetics Microbiology Plant Science Zoology 	<ul style="list-style-type: none"> Biochemistry and Molecular Biology Ecology and Conservation Biology Genetics Microbiology Plant Science 	<ul style="list-style-type: none"> Cell Biology Developmental Biology Human Physiology Neuroscience Pharmacology 	Select a range of courses that cover topics such as ecology, ecosystem dynamics, biodiversity, biogeochemical cycles, genetics, plant science, zoology, microbiology, evolutionary biology, cladistics, animal or human physiology, cell biology, biochemistry, chemistry, neuroscience, immunology, virology and epidemiology.
Chemistry	<ul style="list-style-type: none"> Chemistry 	<ul style="list-style-type: none"> Chemistry Chemical Biology 			A range of Chemistry courses covering organic, inorganic and physical chemistry. Biochemistry and materials sciences courses may also be included.
Earth and Environmental Science	<ul style="list-style-type: none"> Earth Science Coastal and Ocean Science Geographical Sciences 	<ul style="list-style-type: none"> Earth Science Coastal and Ocean Science 			Provides students with opportunities to explore the theories and evidence that frames our understanding of Earth's origins and history. Courses include environmental systems, sedimentology, stratigraphy and paleoenvironments, climate change and environmental management and global change: problems and prospects.
Geography	<ul style="list-style-type: none"> Geographical Sciences 	<ul style="list-style-type: none"> Geographical Information Science 			Select courses in both physical and cultural areas, covering topics such as geomorphology, settlement and economic geography, people and the environment, geographical studies of development and Australian geographical inquiries.
Mathematics	<ul style="list-style-type: none"> Mathematics Applied Mathematics 	<ul style="list-style-type: none"> Mathematics Applied Mathematics 			Students undertaking a major in mathematics should select courses covering a range of areas of mathematics including pure mathematics, applied mathematics, statistical mathematics and computational mathematics.
Physics	<ul style="list-style-type: none"> Physics 	<ul style="list-style-type: none"> Physics Astrophysics 			Students taking a Physics major must complete an Applied Mathematics minor to meet the teaching areas of Physics and Maths. Students should have completed Queensland Year 12 or equivalent Physics to take the Physics major or minor. The Physics minor can only be undertaken with the Applied Mathematics major or the Mathematics major.
Psychology	<ul style="list-style-type: none"> Psychology 	<ul style="list-style-type: none"> Psychology 			Psychology is the scientific study of how people behave, think and feel. It is a broad ranging discipline that spans topics including brain function, memory, conscious experience, lifespan development, social behaviour and the full spectrum of functional and dysfunctional behaviour.

Information regarding relevant content for the teaching areas in Queensland can be viewed at <https://www.qcaa.qld.edu.au> Follow the link to Senior secondary.