Dual Degree Study Planner
Bachelor of Science / Bachelor of Education (Secondary)

Important Information

It is your responsibility to ensure that you complete all the requirements for each component of this dual program in order to graduate with both degrees. The following information is designed to help you plan your enrolment to meet this goal.

Program Requirements

The Program Rules outline the requirements to complete the dual program and should be read in conjunction with the course list for each component of the dual program. The program rules are available on UQ's Programs and Courses website for the program, under 'Program Requirements', and the course lists under 'Component Degrees'.

Program Guidelines

Bachelor of Science component:

- Students must complete at least one major and one minor
- Students must complete at least 10 units of courses at level 3 or higher.

Bachelor of Education (Secondary) component:

- The final year of the BEd(Sec) program is a year-long professional year commencing in semester 1 only.

Exiting Early

Students exiting early with one component of a dual degree must complete the single degree requirements of that component. Students will then be required to follow the single degree rules to complete the remaining component from that dual degree.

Global Experience

If you are planning on completing an overseas exchange, you may have to amend this plan. Students who would like an exchange experience in their program are encouraged to seek advice early in their program and be aware of the exchange deadlines: https://employability.uq.edu.au/global-experiences.

Require Further Assistance?

If you require assistance planning your program or have concerns about meeting program requirements, please contact the relevant Faculty for advice:

Program	Faculty	Contact Information
Bachelor of Science	Faculty of Science	enquire@science.uq.edu.au
Bachelor of Education (Secondary)	Faculty of Humanities and Social Sciences	https://support.my.uq.edu.au/app/ask

Study Planners

1. Semester 1 Commencement | Full Time Study Planner
2. Semester 2 Commencement | Full Time Study Planner
3. Science Teaching Areas

Dual Degree Study Planner
Bachelor of Science / Bachelor of Education (Secondary)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Semester 1 Commencement | Full Time Study Planner

		BACHELOR OF SCIENCE			BACHELOR OF EDUCATION (SECONDARY)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	SCIE1000	Theory & Practice in Science	2	EDUC1710	A Sociological Orientation to Education	2
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2			
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2			
	Semester 2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2	EDUC1650[2]	Learning and Development for Educators	2
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2			
		Minor	Course from BSc minor list	2			
Year 2	Semester 1	Level 2 Course	Level 2 course from BSc major list	2	EDUC2601	Literacies within and across the Curriculum	2
		Level 2 Course	Level 2 course from BSc major list	2			
		Minor	Course from BSc minor list	2			
	Semester 2	Level 2 Course	Level 2 course from BSc major list	2	EDUC2604[2]	Teachers as Educational Innovators and Agents of Change	2
		Minor	Course from BSc minor list	2	EDUC2090	Indigenous Knowledge and Education	2
Year 3	Semester 1	Level 3 Course	Remaining units for major/minor *Year 3 must include total of 8 units Level 3 for the major and 2 units Level 3 from minor or BSc course list.*	6	EDUC3602[2]	Numeracy across the Curriculum	2
	Semester 2	Level 3 Course	Remaining units for major/minor *Year 3 must include total of 8 units Level 3 for the major and 2 units Level 3 from minor or BSc course list.*	4	EDUC3606	Building Inclusive Secondary Classrooms*	2
					EDUC3605[3]	Building Professional Knowledge	2
Year 4	Semester 1				EDUC4615[4]	Developing Professional Practice	2
					EDUC4620	Teachers as Researchers	2
					EDUC4XXX	Curriculum Studies course from Part C (year-long course)	-
					EDUC4XXX	Curriculum Studies course from Part C or Part D (year-long course)	-
	Semester 2				EDUC4607	Assessment for Teaching and Learning	2
					EDUC4625[4]	Achieving Professional Engagement	2
					EDUC4XXX	Curriculum Studies course from Part C continued (year-long course)	4
					EDUC4XXX	Curriculum Studies course from Part C or Part D continued (year-long course)	4

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:

a) Complete a Level 3 (or higher) course towards the minor*; or
b) Count 2 units towards both the major and minor requirements (excluding Level 3 courses); or
c) 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.

[2] This course includes 5 single days of professional experience

[3] This course includes 5 single days of professional experience held during the semester and a 10-day block of professional experience following the conclusion of the exam period

[4] This course includes 30 days' block professional practice

Please refer to the School of Education website for the Professional Experience calendar.

Dual Degree Study Planner
Bachelor of Science / Bachelor of Education (Secondary)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Semester 2 Commencement | Full Time Study Planner

		BACHELOR OF SCIENCE			BACHELOR OF EDUCATION (SECONDARY)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	STAT1201 or STAT1301	Analysis of Scientific Data or Advanced Analysis of Scientific Data	2	EDUC1650	Learning and Development for Educators*	2
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2			
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2			
Year 2	Semester 1	SCIE1000	Theory & Practice in Science	2	EDUC1710	A Sociological Orientation to Education	2
		Level 1 Course[1]	Level 1 prerequisite/compulsory for BSc major	2	EDUC2601	Literacies within and across the Curriculum	2
	Semester 2	Level 2 Course	Level 2 course from BSc major list	2	EDUC2604[2]	Teachers as Educational Innovators and Agents of Change	2
		Minor	Course from BSc minor list	2	EDUC2090	Indigenous Knowledge and Education	2
Year 3	Semester 1	Level 2 Course	Level 2 course from BSc major list	2	EDUC3602[2]	Numeracy across the Curriculum	2
		Minor	Course from BSc minor list	2			
	Semester 2	Level 2 Course	Level 2 course from BSc major list	2	EDUC3606	Building Inclusive Secondary Classrooms	2
		Minor	Course from BSc minor list	2			
Year 4	Semester 1	Level 3 Course	Remaining units for major/minor *Year 3 must include total of 8 units Level 3 for the major and 2 units Level 3 from minor or BSc course list.*	6			
	Semester 2	Level 3 Course	Remaining units for major/minor *Year 3 must include total of 8 units Level 3 for the major and 2 units Level 3 from minor or BSc course list.*	4	EDUC3605[3]	Building Professional Knowledge	2
Year 5	Semester 1				EDUC4615[4]	Developing Professional Practice	2
					EDUC4620	Teachers as Researchers	2
					EDUC4XXX	BEd(Sec) Professional Year Curriculum Studies Course (year-long course)	-
					EDUC4XXX	BEd(Sec) Professional Year Curriculum Studies Course (year-long course)	-
	Semester 2				EDUC4607	Assessment for Learning and Teaching	2
					EDUC4625[4]	Achieving Professional Engagement	2
					EDUC4XXX	BEd(Sec) Professional Year Curriculum Studies Course (year-long course)	4
					EDUC4XXX	BEd(Sec) Professional Year Curriculum Studies Course (year-long course)	4

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[2] This course includes 5 single days of professional experience

[3] This course includes 5 single days of professional experience held during the semester and a 10-day block of professional experience following the conclusion of the exam period

[4] This course includes 30 days' block professional practice

Please refer to the School of Education website for the Professional Experience calendar.

Science Teaching Areas

Information regarding relevant content for the teaching areas in Queensland can be viewed at Queensland Curriculum & Assessment Authority

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
   (e.g. 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

Teaching Areas	Science Majors to Meet Teaching Area	Science Minors to Meet Teaching Area	Additional Information
Biology	• Biochemistry and Molecular Biology • Biomedical Science • Ecology and Conservation Biology • Cell Biology • Genetics • Microbiology • Plant Science • Zoology	• Biochemistry and Molecular Biology • Ecology and Conservation Biology • Genetics • Microbiology • Plant Science • 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	• Chemistry	• Chemistry • Chemical Biology	A range of Chemistry courses covering organic, inorganic and physical chemistry is required with a minimum of two courses at Level 3. Biochemistry and materials sciences courses may also be included.
Earth and Environmental Science	• Earth Science • Coastal and Ocean Science • Geographical Sciences	• 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.
Digital Technologies	• Computer Science	• Computer Science	Select a range of courses that cover topics in social and ethical issues, human-computer interaction, information and intelligent systems, and software and system engineering.
Geography	• Geographical Sciences	• Geographical Information Science	Cover a wide range of Geographical studies. 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	• Mathematics • Applied Mathematics	• Mathematics • Applied Mathematics	To ensure broad content knowledge, 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	• Physics	• Physics • Astrophysics	Students taking a Physics major should complete a 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 minor. Students taking a Computer Science major will not be able to take the Physics minor due to course requirements.
Psychology	• Psychology	• 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.