

PROGRAM PLAN

BACHELOR OF EDUCATION (SECONDARY) (HONOURS)

PROGRAM OPTION:

Science

START DATE:

Semester 1, 2018 - 2021

LOCATION:

Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Academic Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)

 [COURSE HANDBOOK](#)

NAME:

STUDENT NO.:

YEAR 1	SEMESTER 1	EDUC1038 Foundations of Secondary Education CORE	EDUC2102 Educational Psychology: Learners and the Learning Process CORE	FIRST TEACHING AREA CHEM, BIOL or ENVS DIRECTED ---OR--- PHYS PHYS1210^A Compulsory course	ADDITIONAL TEACHING AREA --- OR --- INVESTIGATING SCIENCE	SEMESTER 2	EDUC1103 Schooling, Identity and Society CORE	FIRST TEACHING AREA CHEM, BIOL or ENVS DIRECTED ---OR--- PHYS PHYS1220^A Compulsory course	ADDITIONAL TEACHING AREA --- OR --- INVESTIGATING SCIENCE	ADDITIONAL TEACHING AREA --- OR --- INVESTIGATING SCIENCE	
	SEMESTER 1	EDUC1101 Curriculum, Assessment and Pedagogy CORE	EDUC2181 Managing the Learning Environment CORE	EDUC2196 Quality Teaching and Student Learning 7-12 PROFESSIONAL PLACEMENT	ABOR3500 Aboriginal Education, Policies and Issues CORE	SEMESTER 2	EDUC2151 Multiliteracies CORE	EDUC2052 Specialist Studies in Science 1 COMPULSORY	FIRST TEACHING AREA 2000/3000 level	ADDITIONAL TEACHING AREA Compulsory Course --- OR --- INVESTIGATING SCIENCE EDUC2152	
YEAR 2	SEMESTER 1	EDUC3026 Special Education CORE	EDUC3157 History, Nature and Practice of Science (20 units) COMPULSORY	EDUC4955 Education Honours I: Introduction to Education Research CORE		SEMESTER 2	EDUC2200 The Future of Teaching and Learning CORE	EDUC3196 Quality Teaching, Equity and Diversity 7-12 PROFESSIONAL PLACEMENT	FIRST TEACHING AREA 2000/3000 level	ADDITIONAL TEACHING AREA --- OR --- INVESTIGATING SCIENCE	EDUC4965 Education Honours II: Research Design and Methods CORE
	SEMESTER 1	EDUC4181 Ethical Teaching in Classrooms CORE	EDUC3052 Specialist Studies in Science 2 COMPULSORY	ADDITIONAL TEACHING AREA Compulsory Course --- OR --- INVESTIGATING SCIENCE EDUC4110 STEM – An Exercise in Integration	EDUC4975 Honours III – Thesis A CORE	SEMESTER 2	EDUC4197 Quality Teaching and Professional Practice 7-12 (30 units) ---OR--- EDUC4167* Special Education Internship (30 units) PROFESSIONAL PLACEMENT		EDUC4985 Honours IV – Thesis B CORE		

^A2020 Changes - Physics Teaching Area:

PHYS1210 and PHYS1220 have been removed from the Physics Directed Course list and added to the Physics Compulsory Course list. To complete the requirements for the Physics Teaching Area, all students must complete 60 units of Compulsory Courses and 20 units of Directed Courses.

Important information for students who commenced the program prior to 2021.

There have been changes to the Directed Course list for each Science Teaching Area. In addition, most teaching areas have had changes to compulsory and/or directed courses. Courses completed prior to 2021 will count towards the teaching requirements. You **must** refer to the **transition arrangements** in the Program Handbook for details of these revisions.

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To be eligible to graduate make sure you have completed 330 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses (including Professional Placement) - 190 units; and
- Science First Teaching Area - 80 units; and **one** of the following options:
 - *Second Science Teaching Area Directed courses – 40 units and Electives – 20 units; *or*
 - Investigating Science – 60 units;
 - Mathematics Additional Teaching Area – 60 units; *or*
 - Additional Teaching Area – 60 units;

*As a result of shared compulsory courses, students undertaking a *Science* (Biology or Chemistry or Earth and Environmental Science or Physics) First Teaching Area are able to undertake studies in up to two Science teaching areas. This option utilises the Additional Teaching Area.

- If students wish to take Mathematics courses, please review the information at [Enrolling in Maths](#) to determine which course will complement your previous knowledge.
- Students will need to ensure that they meet the registration requirements for all of their teaching areas. Please also refer to further information found at [Bachelor of Education \(Secondary\) \(Honours\) Teaching Area Requirements](#).
- Students must complete a minimum of 40 units at all levels (1000, 2000, 3000 and 4000), and can complete a maximum of 120 units at 1000 level.
- The duration of this program is 4 years full-time study (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 10 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Academic Program Advisor](#).

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Bachelor of Education (Secondary) Accreditation Requirements

To qualify as a Science (Biology or Chemistry or Earth or Environmental Science or Physics) Teacher in NSW, students must complete 40 units of Compulsory Courses which are consistent across the Science First Teaching Areas and 40 units of Directed Courses as specified below:

Teacher	Registration requirements	Teacher	Registration requirements
Chemistry teacher	40 units in Chemistry with 20 units at the 2000 or 3000 level.	Biology teacher	40 units in Biology with 20 units at the 2000 or 3000 level.
Physics Teacher	40 units in Physics with 20 units at the 2000 or 3000 level.	Earth and Environmental Science teacher	30 units in Environmental Science with 20 units at the 2000 or 3000 level and choose 10 units in Biology (any level).

The Investigating Science option is only available to students undertaking a Science First Teaching Area (Biology or Chemistry or Earth or Environmental Science or Physics). To qualify with Investigating Science for NSW accreditation, students must complete 20 units of Compulsory Investigating Science Courses and 40 units of directed course as specified below:

- 10 units of Biology
 - 10 units of Chemistry
 - 10 units of Earth & Environmental Science
 - 10 units of Physics.
- (20 units must be at 2000/3000 level).