

PROGRAM PLAN

BACHELOR OF EDUCATION (SECONDARY STUDIES)

FIRST TEACHING AREA:
Science with an Additional Teaching Area or Investigating Science and (Optional) TESOL or Electives

START DATE:
Semester 1, 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	<p>EDUC1038 Foundations of Secondary Education</p> <p>CORE</p>	<p>EDUC2102 Educational Psychology: Learners and the Learning Process</p> <p>CORE</p>	<p>FIRST TEACHING AREA CHEM, BIOL or ENVS DIRECTED</p> <p>---OR---</p> <p>PHYS PHYS1210 Compulsory course</p>	<p>ADDITIONAL TEACHING AREA</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE</p>	SEMESTER 2	<p>EDUC1103 Schooling, Identity and Society</p> <p>CORE</p>	<p>FIRST TEACHING AREA CHEM, BIOL or ENVS DIRECTED</p> <p>---OR---</p> <p>PHYS PHYS1220 Compulsory course</p>	<p>ADDITIONAL TEACHING AREA</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE</p>	<p>ADDITIONAL TEACHING AREA</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE</p>	
	SEMESTER 1	<p>EDUC1101 Curricular, Assessment and Pedagogy</p> <p>CORE</p>	<p>EDUC2181 Managing the Learning Environment</p> <p>CORE</p>	<p>EDUC2303 Australian Secondary Education</p> <p>PROFESSIONAL PLACEMENT</p>	<p>ABOR3500 Aboriginal Education, Policies, and Issues</p> <p>CORE</p>	SEMESTER 2	<p>EDUC2151 Multiliteracies</p> <p>CORE</p>	<p>EDUC2052 Specialist Studies in Science 1</p> <p>COMPULSORY</p>	<p>FIRST TEACHING AREA 2000/3000 level</p>	<p>ADDITIONAL TEACHING AREA Compulsory Course</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE EDUC2152 Extended Studies in Science I</p>	
YEAR 3	SEMESTER 1	<p>EDUC3026 Special Education</p> <p>CORE</p>	<p>EDUC3157 History, Nature and Practice of Science (20 units)</p> <p>COMPULSORY</p>	<p>TESOL</p> <p>---OR---</p> <p>ELECTIVE</p>		SEMESTER 2	<p>EDUC2200 The Future of Teaching and Learning</p> <p>CORE</p>	<p>FIRST TEACHING AREA 2000/3000 level</p>	<p>ADDITIONAL TEACHING AREA</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE</p>	<p>TESOL</p> <p>---OR---</p> <p>ELECTIVE</p>	<p>TESOL</p> <p>---OR---</p> <p>ELECTIVE</p>
	SEMESTER 1	<p>EDUC4181 Ethical Teaching in Classrooms</p> <p>CORE</p>	<p>EDUC3052 Specialist Studies in Science 2</p> <p>COMPULSORY</p>	<p>ADDITIONAL TEACHING AREA Compulsory Course</p> <p>---OR---</p> <p>INVESTIGATING SCIENCE EDUC4110 STEM – An exercise in Integration</p>	<p>TESOL</p> <p>---OR---</p> <p>ELECTIVE</p>	SEMESTER 2	<p>EDUC4303 International Internship: Secondary (40 units)</p> <p>PROFESSIONAL PLACEMENT</p>				

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 **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 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 Compulsory course	ADDITIONAL TEACHING AREA ---OR--- INVESTIGATING SCIENCE	ADDITIONAL TEACHING AREA ---OR--- INVESTIGATING SCIENCE
YEAR 2	SEMESTER 1	EDUC1101 Curriculum, Assessment and Pedagogy CORE	EDUC2181 Managing the Learning Environment CORE	EDUC2303 Australian Secondary Education 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 Extended Studies in Science 1
YEAR 3	SEMESTER 1	EDUC3026 Special Education CORE	EDUC2200 The Future of Teaching and Learning CORE	EDUC3157 History, Nature and Practice of Science (20 units) COMPULSORY	
	SEMESTER 2	EDUC4002 Meet Spec. Needs in Diverse Social and Educ. Context	FIRST TEACHING AREA 2000/3000 level	ADDITIONAL TEACHING AREA ---OR--- INVESTIGATING SCIENCE	SUMMER TERM EDUC4065 Supporting Behaviour Change
YEAR 4	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	EDUC4063 Planning for Teaching in Special Education WINTER TERM EDUC4064 Assessing and Addressing Learning Difficulties
	SEMESTER 2	EDUC4303 International Internship: Secondary (40 units) PROFESSIONAL PLACEMENT			

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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:

- Please also refer to further information found at [Bachelor of Education \(Secondary Studies\) Teaching Area Requirements](#).
- Core courses (including Professional Placement) - 150 units.
- Science First Teaching Area - 80 units (40 units of Compulsory Courses and 40 units of Directed Courses); **and one of the following options:**
 - 40 units of Directed Courses from second science Teaching Area* and 40 units of Directed Courses from third science Teaching Area and 20 units of Electives; **or**
 - 60 units of Investigating Science Courses and 40 units from **one** of the options below; **or**
 - 60 units of Mathematics Additional Teaching Area courses and 40 units from **one** of the options below; **or**
 - One 60 unit Additional Teaching Area and 40 units from **one** of the options below:
 - 40 units of Directed Courses from second science First Teaching Area; **or**
 - 40 units of TESOL Courses; **or**
 - 40 units of Special Education Courses; **or**
 - 40 units of Electives.
- *As a result of shared compulsory courses, students undertaking a *Science* (Biology or Chemistry or Earth and Environmental Science or Physics) major (First Teaching Area) are able to undertake studies in up to three Science teaching areas (see examples below). This option utilises the Additional Teaching Area Courses and Electives to complete the second and third science major directed courses.
- 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.
- 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).
- **Important note for international students:** International students must be enrolled full time. The above enrolment pattern complies with the conditions of international student visas. Failing to follow this enrolment advice may result in international students not being able to graduate within the period of their Confirmation of Enrolment (CoE). Students who have questions about their enrolment should contact the Academic Program Advisor.



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 Studies) Teaching Area Requirements

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

Teacher	Teaching Area requirements	Teacher	Teaching Area 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 Major (Biology or Chemistry or Earth or Environmental Science or Physics). To qualify with Investigating Science, 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).

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Examples of Combinations of Teaching Areas with a Science (Biology or Chemistry or Earth or Environmental Science or Physics) as a First Teaching Area.

Example 1: Three Science Teaching Areas Combination of three of the following teaching areas: Biology, Chemistry, Earth & Environmental Science, & Physics				
40 units of compulsory courses in a science teaching area (consistent across all teaching areas).	40 units of directed courses in a science teaching area.	40 units of directed courses in a second science teaching area.	40 units of directed courses in a third science teaching area.	20 units of elective courses.

Example 2: Investigating Science combined with Two Science Teaching Areas Combination of Investigating Science with two of the following teaching areas: Biology, Chemistry, Earth & Environmental Science, & Physics.				
40 units of compulsory courses in a science teaching area (consistent across all teaching areas).	40 units of directed courses in a science teaching area.	40 units of directed courses in a second science teaching area.	20 units of compulsory courses for Investigating Science plus 40 units of Directed Courses made up of 10 units of Biology 10 units of Chemistry 10 units of Earth & Environmental Science 10 units of Physics.	

Example 3: Mathematics and Physics combined with ONE Additional Science Teaching Area Combination of Mathematics and Physics Teaching Area with one of the following teaching areas: Biology, Chemistry, or Earth & Environmental Science.				
40 units of compulsory courses in a science teaching area (consistent across all teaching areas).	40 units of directed courses in a Physics teaching area.	40 units of directed courses in a second science teaching area.	60 units of compulsory courses for Mathematics Additional Teaching Area.	

Example 4: One Science Teaching Area with a non-science Additional Teaching Area Combination of one of the following teaching areas: Biology, Chemistry, Earth & Environmental Science, & Physics with an Additional Teaching Area and TESOL or Special Education or Electives				
40 units of compulsory courses in a science teaching area (consistent across all teaching areas).	40 units of directed courses in a science teaching area.	60 units of courses for Additional Teaching Area.		40 units of TESOL <i>or</i> Special Education <i>or</i> elective courses.

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Example 5: Two Science Teaching Area with a non-science Additional Teaching Area

Combination of two of the following teaching areas: Biology, Chemistry, Earth & Environmental Science, & Physics with an Additional Teaching Area

40 units of compulsory courses in a science teaching area (consistent across all teaching areas).	40 units of directed courses in a science teaching area.	40 units of directed courses in a second science teaching area.	60 units of courses for Additional Teaching Area.
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