PROGRAM ENROLMENT CHECKLIST

*Are You On Track?*

# Bachelor of Teaching (Secondary) / Bachelor of Science

(Program Code 12219)

## Mid-Year Entry Grid: Commencing Semester 2, 2010

University CRICOS Provider Code: 00109J  Program CRICOS code: 069074A

| | Semester One | | | | Semester Two | | | |
|---|---|---|---|---|---|---|---|---|
| **2014** | EDUC4195 Teachers, Ethics and Professionalism: 7-12 Internship | | *Elective 1* | *Elective 2* | Electives may be taken as free choice, or further discipline study in Science. | | | |
| **Fourth Year – 2013** | EDUC4109 Extended Studies in Science II | EDUC4070 Literacies Across the Secondary Curriculum | Science Major 6<br>Select from 2000 Level Courses in your chosen Major | Science Major 7<br>Select from 3000 Level Courses in your chosen Major | EDUC3195 Pedagogy and Inclusion | Science Major 8<br>Select from 3000 Level Courses in your chosen Major | Science Major 9<br>Select from 3000 Level Courses in your chosen Major | Science Major 10<br>Select from 3000 Level Courses in your chosen Major |
| **Third Year – 2012** | EDUC3052 Specialist Studies in Senior Science | EDUC2195 Managing the 7-12 Learning Environment | Science Major 3<br>Select from 2000 Level Courses in your chosen Major | Extended Science Foundations I<br>Complete one of the following in a different area to your Major:<br>BIOL1001<br>CHEM1010<br>PHYS1210<br>GEOS1040 | EDUC2152 Extended Studies in Science I | Science Major 4<br>Select from 2000 Level Courses in your chosen Major | Science Major 5<br>Select from 2000 Level Courses in your chosen Major | Extended Science Foundations II<br>Complete one of the following in a different area to your Major:<br>BIOL1002<br>or<br>BIOL1003<br>CHEM1020<br>PHYS1220<br>GEOS1050 |
| **Second Year – 2011** | EDUC2101 Introduction to Specialist Studies<br>[Science Tutorial] | EDUC2102 Educational Psychology: Learners and the Learning Process | Science Major 1<br>Choose major and complete one of the following:<br>Biology Major<br>BIOL1001<br>Chemistry Major<br>CHEM1010<br>Physics Major<br>PHYS1210<br>Earth and Environmental Sciences Major<br>GEOS1040 | Mathematics Directed Courses<br>Complete one of the following:<br>MATH1001<br>MATH1002<br>MATH1110<br>MATH1210 | EDUC2103 Schooling, Identity and Society | EDUC2052 Specialist Studies in Junior Science | EDUC3026 Special Education | Science Major 2<br>Choose major and complete one of the following:<br>Biology Major<br>BIOL1002<br>or<br>BIOL1003<br>Chemistry Major<br>CHEM1020<br>Physics Major<br>PHYS1220<br>Earth and Environmental Sciences Major<br>GEOS1050 |
| **First Year – 2010** | • Courses have a mandatory professional experience component | | | | EDUC1008 Foundations of Primary & Secondary Education | EDUC1751 Knowledge and Communication Technologies | ABOR3500 Aboriginal Education, Policies and Issues | STAT1070 Statistics for the Sciences |

**It is each student's responsibility to check that they are correctly enrolled.**

= Elective Pathway

= Major – Consult the Program Handbook for Course Choices in your Major

NOTES

1. The Program Handbook is the official document listing all the rules you need to meet, plus courses required or available in the program: http://www.newcastle.edu.au/program/12219.html
2. All students must complete 20 units of Physics or Chemistry in the course of their program to meet the requirements for registration by the NSW Institute of Teachers.

THE UNIVERSITY OF NEWCASTLE AUSTRALIA

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YOUR PROGRAM

## Requirements and Structure

The Bachelor of Teaching (Secondary)/Bachelor of Science program is offered as a 4 year full time program or part-time equivalent. The program requires the successful completion of 320 units that are normally offered as 40 units per semester for eight semesters. Students are required to complete:

- Core Courses
- A Major – 100 units (Choose from Biology, Chemistry, Physics or Earth and Environmental Science)

| | | |
|---|---|---|
| Biology | – | 20 units of Directed Courses at 1000 level; and<br>40 Units of Directed Courses at 2000 level; and<br>40 units of Directed Courses at 3000 level. |
| Chemistry | – | 60 units of compulsory courses; and<br>40 Units of Directed Courses at 3000 level; |
| Physics | – | 20 units of compulsory courses;<br>40 Units of Directed Courses at 2000 level; and<br>40 units of Directed Courses at 3000 level |
| Earth and Environmental Sciences | – | 40 units of compulsory courses;<br>20 Units of Directed Courses at 2000 level; and<br>40 units of Directed Courses at 3000 level. |

- Science Directed Courses – 20 units in an area other than the chosen major
- MATH Directed Courses – 10 units.
- Electives – 20 units

**NOTE:** All students need to complete at least **20 Units of either Physics or Chemistry** in the course of their program in order to meet the requirements for registration by the NSW Institute of Teachers.

Students will complete the equivalent of 90 days professional experience in relevant school settings. In-school professional teaching experiences may involve placement in schools in a variety of geographic regions outside the Newcastle area. In-school professional teaching experiences are supervised by school or university staff, and students are expected to satisfy a range of professional teaching competencies as part of the successful completion of the program.

NOTES

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2. All students must complete 20 units of Physics or Chemistry in the course of their program to meet the requirements for registration by the NSW Institute of Teachers.