

Bachelor of Education (Secondary) and Bachelor of Education (Secondary) (Honours)

TRANSITION ARRANGEMENTS FOR THE SCIENCE MINORS - BIOLOGY, CHEMISTRY, EARTH AND ENVIRONMENTAL SCIENCE, PHYSICS

INFORMATION FOR STUDENTS WHO COMMENCED PRIOR TO 2019.

The following outlines the approved transition arrangements for students who commenced a Biology or Chemistry or Earth and Environmental Science or Physics Minor in the B Education (Secondary) program in 2018.

From 2019, minors (Additional Teaching Areas) are no longer available in any of the Science teaching areas, as they no longer meet the new NESA teaching area accreditation requirements.

Extend Studies in Science has been removed from the program.

Investigating Science has been introduced for students completing a **Science** (Biology or Chemistry or Earth and Environmental Science or Physics) major (First Teaching Area) to enable students to qualify for accreditation to teach Science – stage 3 and 4 and Investigating Science Stage 6.

NESA have introduced a new **Mathematics/Physics** teaching area. Students who wish to qualify in the **Mathematics/Physics** NESA teaching area will be required to complete the Physics major (first teaching area) and the Mathematics Additional Teaching Area.

Courses completed pre-2019 will count towards the 2019 program requirements.

- As a result of shared compulsory courses, students undertaking a **Science** (Biology or Chemistry or Earth and Environmental Science or Physics) as a major (First Teaching Area) will still be able to undertake studies in up to three Science teaching areas (see examples below).
- Students who were enrolled in 2018 undertaking a **non-science** major (First Teaching Area) with the intention of completing a Biology or Chemistry or Earth and Environmental Science or Physics minor may choose one of the following options –
 - 'Upgrade' to a Biology or Chemistry or Earth and Environmental Science or Physics Major (First Teaching Area) and change your 'current' major (First Teaching Area) to an Additional Teaching Area, **or**
 - Continue with your chosen major (First Teaching Area) and change from a Biology or Chemistry or Earth and Environmental Science or Physics minor to another Additional Teaching Area, if you have room in your program to count courses already completed as Electives, **or**
 - Continue with your chosen major (First Teaching Area) without undertaking an additional teaching area, any Science courses already completed will count as Electives.

If you commenced a Biology or Chemistry or Earth and Environmental Science or Physics minor in 2018 and are unsure of the most suitable option for you, please seek advice from ProgramAdvice@newcastle.edu.au.

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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 major (consistent across all majors).	40 units of directed courses in a science major.	40 units of directed courses in a second science major.	40 units of directed courses in a third science major.	20 units of elective courses.
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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 major (consistent across all majors).	40 units of directed courses in a science major.	40 units of directed courses in a second science major.	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.
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Example 3: Mathematics and Physics combined with ONE Additional Science Teaching Area

Combination of Mathematics and Physics NESAs Teaching Area with *one* of the following teaching areas: Biology, Chemistry, or Earth & Environmental Science.

40 units of compulsory courses in a science major (consistent across all majors).	40 units of directed courses in a Physics major.	40 units of directed courses in a second science major.	60 units of compulsory courses for Mathematics Additional Teaching Area.
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