

# NATS 3004 ADVANCED SCIENCE PROJECT C

**Credit Points** 10

**Legacy Code** 300910

**Coordinator** Bill Price ([https://directory.westernsydney.edu.au/search/name/Bill Price/](https://directory.westernsydney.edu.au/search/name/Bill%20Price/))

**Description** This subject advances the students' training in thinking as a research scientist whilst developing practical skills in a particular area of interest. The student undertakes a minor research project under supervision, during which they plan how to answer a research problem, conduct research and present their findings in a research paper format and seminar.

**School** Science

**Discipline** Natural and Physical Sciences, Not Elsewhere Classified.

**Student Contribution Band** HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 3 subject

**Pre-requisite(s)** NATS 2002

**Equivalent Subjects** LGYA 6169 - Advanced Science Research Project C

## Restrictions

Successful completion of 120 credit points. Students must be enrolled in 3562 - Bachelor of Science (Advanced Science), 3682 - Bachelor of Medical Science (Advanced) or 3683 - Bachelor of Natural Science (Advanced).

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Access, review, critique and analyse relevant literature on a given research topic.
2. Plan and conduct a research project.
3. Analyse and critique scientific data.
4. Prepare a concise and accurate report in the style appropriate to the project (usually a journal article).
5. Effectively communicate research findings orally as part of a research seminar.
6. Engage with researchers in different fields to gain knowledge of the broader research environment.

## Subject Content

Conduct a short research project and present their findings as a written journal article and a research seminar.

## Special Requirements

Legislative pre-requisites

Students who opt to enrol in subject are strongly recommended to obtain a Q-Fever vaccination, and Tetanus vaccination/booster. Students who cannot evidence vaccination may be precluded from activities on the Farm, and/or internships with third parties.

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Essay	2,000 words max	20	N	Individual
Report	Following instructions for authors of the chosen journal 4,000 words max	50	N	Individual
Presentation	10 min	20	N	Individual
Reflection	500 words	10	N	Individual