

# NATS 3043 ADVANCED SCIENCE RESEARCH PROJECT C

**Credit Points** 10

**Legacy Code** 301258

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

**Description** This is a 20 credit point year-long subject taken over two terms (10 credit points in each term). This subject provides a unique opportunity for Advanced Science and Advanced Medical Science students to work with and be mentored by academics in diverse areas of science. In this 20 credit point subject, students will complete a small research project aligned with the research activity of the academic and be integrated into the research environment of the School. Students will demonstrate time management skills, project design, data collection, analysis and communication. Students will be required to reflect on their capacity and areas of passion for transitioning into either further education or the workplace. Please note this subject is not timetabled so completion will be subject to approved timelines negotiated with the appropriate academic staff and subject co-ordinator. Students may be required to travel to a different campus or location to undertake this subject.

**School** Science

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

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

Check your HECS Band contribution amount 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 2001

**Assumed Knowledge**

It is assumed that students have completed at least 40 credit points at Level 2 in their area of research. This should be discussed with the research supervisor prior to acceptance into the research team.

## Learning Outcomes

1. Access, review and critique 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. Demonstrate development of graduate level time management skills
7. Participate in the broader research environment either within a team or across teams and reflect on the skill sets required for transition into the workplace or into further education

## Subject Content

- Research skill development appropriate for the chosen area
- Regulations and resources limitations in science research
- Project management

- Personal time management
- Data analysis (quantitative, qualitative or both)
- Science and interpersonal communication
- Planning, conducting and communicating research projects

## 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.

Item	Length	Percent	Threshold	Individual/Group Task
Essay	2,000 words	20	N	Individual
Reflection	2 x 500 words	10	N	Individual
Report	4,000 words	50	N	Individual
Presentation	20 minutes	20	N	Individual
Participation	1-2 page supervisor questionnaire	S/U	N	Individual

Teaching Periods

## 1st Half Campbelltown

**Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-1H\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-1H_CA_D#subjects))

## Hawkesbury

**Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-1H\\_HW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-1H_HW_D#subjects))

## Parramatta - Victoria Rd

**Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-1H\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-1H_PS_D#subjects))

## 2nd Half Campbelltown

**Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-2H\\_CA\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-2H_CA_D#subjects))

## Hawkesbury

**Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-2H\\_HW\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-2H_HW_D#subjects))

## **Parramatta - Victoria Rd**

### **Day**

**Subject Contact** Mark Temple ([https://directory.westernsydney.edu.au/search/name/Mark Temple/](https://directory.westernsydney.edu.au/search/name/Mark%20Temple/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=NATS3043\\_22-2H\\_PS\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=NATS3043_22-2H_PS_D#subjects))