

# NATS 7045 SPECIAL ISSUES IN SCIENCE - PG

**Credit Points** 10

**Legacy Code** 300685

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

**Description** This is an individual project subject that is designed for the Master of Science program. It provides the student with an in depth understanding of a specific topic relevant to their field of study. It will include information retrieval techniques as well as written and oral communication skills. In addition, it may include the acquisition of technical skills.

**School** Science

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

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

**Level** Postgraduate Coursework Level 7 subject

**Equivalent Subjects** LGYB 8291 - Special Issues In Sustainable Development LGYB 8470 - Special Issues In Environmental Management LGYC 0924 - Special Issues In Science Technology LGYB 9581 - Personal Study M

## Restrictions

Director of Academic Program/Program Advisor permission is needed for students to be accepted into this subject as it is resource intensive of staff time. Only academically capable students with an identified need for in-depth study in an area not currently covered by existing subjects will be accepted. Acceptance in the subject will be subject to appropriate supervision being available.

## Assumed Knowledge

Individual projects or learning programs will assume background skills and knowledge that are appropriate to a coursework Masters student. Permission of the Head of program will be required for students to enroll in this subject.

## Learning Outcomes

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

1. Extensive and well-organised knowledge of the topic area at a level that is at least equivalent to a comparable coursework Masters unit.
2. An ability to identify and locate appropriate literature for the project, and to read widely within that area.
3. An improved ability to study independently within the overall framework of a supervised undergraduate project.
4. An understanding of how the student's project and learning outcomes relate to their overall academic program.
5. (Where appropriate to the project) enhanced laboratory skills and experience in collecting and analysing scientific data.

## Subject Content

Projects or other learning programs will be negotiated between individual students and their project supervisors, subject to approval by the Head of Program, who has responsibility for ensuring appropriate academic standards and workloads across the unit.

The level of difficulty and workload are expected to be comparable to other coursework Masters units.

## 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
Written assessment 1	4000 words	40	N	Individual
Written assessment 2	4000 words	40	N	Individual
Seminar Presentation	30 minutes	20	N	Individual

Teaching Periods