Overview

The Aviation Honours stream introduces undergraduate students to aviation research. Students undertake a supervised research project that places emphasis on scientific research methods, the use of relevant specialised techniques, critical thinking and scientific communication via written submissions and oral presentations.

The learning and teaching philosophy underpinning this course is centred on Honours students taking on their 'role as a researcher' to develop these skills and the relevant advanced disciplinary knowledge.

Student research projects relate to multiple fields of aviation and closely related research interests of staff.

The Aviation Honours stream involves undertaking a research project that, although conducted under supervision, contains substantial independent research and self-direction. The research project is described in a thesis that forms a major part of the assessment. The research project is complemented by introductory written and oral background presentations and oral presentation of the research project. There are also relevant advanced level courses that students must undertake.
**Faculty**
UNSW Canberra at ADFA

**School**
UC Engineering & Information Technology

**Study Level**
Undergraduate

**Minimum Units of Credit**
48

**Specialisation Type**
Honours
Learning Outcomes

1. Ability to access scholarly journal articles
   - Scholars
   - Global Citizens
   - Professionals
   - Leaders

2. Gained knowledge and practical skills in research techniques related to their research topic.
   - Scholars
   - Leaders
   - Professionals

3. Ability to accurately obtain research data and draw conclusions from their data.
   - Professionals
   - Scholars

4. Ability to critically assess their research data and integrate it into the wider field.
   - Professionals
   - Scholars
   - Global Citizens
   - Leaders

5. Ability to critically evaluate and synthesise scientific literature that informs their research topic.
   - Professionals
   - Scholars
   - Leaders

6. Ability to work in teams and communicate scientific information effectively in both oral and written formats.
   - Scholars
   - Leaders
   - Professionals

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Available in Program(s)

Program(s) in which this honours is available

Bachelor of Science (Honours) - **BSc (Hons)**

**4513 Science (Honours)**

Faculty: UNSW Canberra at ADFA

Campus: Canberra

Units of Credit: 48

Typical Duration: 1 Years
Specialisation Structure

Students must complete 48 UOC.

Core Courses

Students must take 12 UOC of the following courses.

ZEIT4801 | 6 UOC
Aviation Honours Special Topic 1

ZEIT4802 | 6 UOC
Aviation Honours Special Topic 2

Research Project

Students must take 36 UOC of the following courses.

Full-time students take ZPEM4001 (12 UOC) and ZPEM4002 (24 UOC).

Part-time students take ZPEM4001 (12 UOC) in 2 semesters and ZPEM4004 (6 UOC) in 2 semesters.

ZPEM4001 | 12 UOC
Science Honours Research 1

ZPEM4002 | 24 UOC
Science Honours Research 2

ZPEM4004 | 6 UOC
Science Honours Research 4

Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program.
requirements.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179