



School of Civil and Environmental Engineering
2020
CVEN4032/4033
HIGHER HONOURS THESIS

COURSE DETAILS

Units of Credit	12 + 12
Contact hours	as agreed with supervisor
Course Coordinators	Term 1: Professor Ian Turner email: ian.turner@unsw.edu.au office: CE302 in Civil and Environmental Engineering Building
	Term 3: email: d.oshea@unsw.edu.au office: CE213 in Civil and Environmental Engineering Building

INFORMATION ABOUT THE COURSE

This course is in two parts. CVEN4032 covers Part A in Term 1, which is a prerequisite for CVEN4033 Part B in Term 3.

The purpose of the Higher Honours Research Thesis courses CVEN4032 and CVEN4033 are to engage the participation of top-performing students with current and leading-edge research activities across the School. Together, the courses promote higher level independence in learning to prepare students for their professional A%.

This course is differentiated from the 6+6 units of credit Honours Research Thesis courses by the substantial additional requirements of:

CVEN4032

- < extended review of literature and project report
- < research presentation
- < An additional level of rigor to the assessment procedure (refer below)

CVEN4033

- < an extended research thesis (approx. 30,000 equivalence)
- < Completion of a submission ready research paper to an international journal standard.
- < Professional presentation within the school seminar program to full School audience.

The unique learning outcomes from these courses are in promotion of higher level independence in learning, above that of Honours Research Thesis A & B, by preparing students for a potential career in academic research and/or higher independent research skills used in industry. The advanced skill set to be developed emphasises the development of research, writing and presentation skills.

- ◁ They are based on students' original research.
- ◁ They take the form of a written report, which presents the findings of that research.

WHY WRITE AN HONOURS RESEARCH THESIS?

- ◁ ***Satisfy your intellectual curiosity***

- ◁ There are no specific hours assigned to this course, except for the scheduled Workshops (see below).
- ◁ Meetings between the supervisor(s) and the student may take place periodically or by private arrangement.
- ◁ Should supervisors be on study leave or unavailable for a considerable period of the session, alternative arrangements need to be established and made known to both the student and course coordinator.

CONSULTATION

- ◁ The course coordinator will be available by prior appointment to liaise with enrolled students as needed

EXPECTED LEARNING OUTCOMES

At the conclusion of this course, students should be able to:

1. Develop a design or a process or investigate a hypothesis following industry and professional engineering standards. (7, 8, 9, 10)
2. Critically reflect on a specialist body of knowledge related to their thesis topic. (3)
- 3.

DATES TO NOTE

Refer to MyUNSW for Important Dates available at:

<https://student.unsw.edu.au/dates>

PLAGIARISM Beware! An assessment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise are also liable to disciplinary action, including exclusion from enrolment.

material you should adequately acknowledge whose words or ideas they are and where you found them (giving the complete reference details, including page number(s)). The Learning Centre provides further information on what constitutes Plagiarism at: <https://student.unsw.edu.au/plagiarism>

ACADEMIC ADVICE

For information about:

- < Notes on assessments and plagiarism,
- < School policy on Supplementary exams,
- < Special Considerations,
- < Solutions to Problems,
- < Year Managers and Grievance Officer of Teaching and Learning Committee, and
- < CEVSOC.

Refer to Academic Advice on the School website available at:

<http://www.engineering.unsw.edu.au/civil-engineering/resources/academic-advice>

