Course Overview

Staff Contact Details

Convenors

Name	Email	Availability	Location	Phone
Michael Stevens	thesis.biomedeng@unsw.edu.au	By appointment		

School Contact Information

Student Services can be contacted via forms

Course Details

Units of Credit 4

Summary of the Course

The thesis provides an opportunity for you to bring together engineeri
your previous years of study and apply these principles to innovativel
development of a specific design, process and/or the investigation of
complex, open-ended problems that allow room for your creativity, and
interpretation of results. There are multiple possible solutions or conc
complexity to require a degree of project planning. The thesis requires
scientific or engineering terms, manage an technical project and find
engineering methods. You will also develop your ability to work in a re
environment. You must identify a supervisor and project prior to enrol

Course Aims

The thesis provides an opportunity for the student to bring together en
their previous years of study and apply these principles to innovativel
development of a specific design, process and/or the investigation of
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and interpretation of results. There must be multiple possible solution
sufficient complexity to require a degree of project planning from the
student to formulate problems in engineering terms, manage an engine
applying engineering methods. Students also develop their ability to w
environment.

Course Learning Outcomes

1. Develop a design or a process or investigate a hypothesis followi
   engineering standards.
2. Critically reflect on a specialist body of knowledge related to the
3. Apply scientific and engineering methods to solve an engineering
4. Analyse data objectively using quantitative and mathematical met
5. Demonstrate oral and written communication in professional and l
6. To solve biomedical problems by applying CLO 1-5

Teaching Strategies

The course is taught as an individual research project, to develop a le
autonomy.

Students in this cohort will complete their thesis over three terms (4+
summary of the assessment is as follows

Thesis A: It is intended that Thesis A cover the scoping, planning, and co
project. Students must have completed this assessment and passed in
course is worth 10% of your final thesis grade.
Thesis B: The primary intention behind Thesis B is to ensure students sta

and project work as they progress through the year. This subject is wo
Thesis C. Thesis C continues the project work. The key deliverable is the
poster presentation. This subject is worth 80% of your final thesis gra

Attendance Requirements

Students are strongly encouraged to attend all classes and review lec

Course Schedule

No lecture recordings available

View class timetable

Timetable

Date	Type	Content
Week 7: 11 July - 15 July	Online Activity	Organise an Assessor for your semina seminar will be marked by supervisor assessor
Week 8: 18 July - 22 July	Online Activity	Organise a presentation time with yo and assessor.
Study Week: 8 August - 11 August	Presentation	Upload a copy of your slides via the Teams, prior to your presentation
	Presentation	Present your seminar to your supervi assessor at the pre-arranged time an

Resources

Prescribed Resources

Resources will be made available to help students guide them in their

Extensions

You can apply for special consideration when illness or other circumstances interfere assessment performance.

Other applications for extension of submission of thesis reports (e.g.

1. Discuss the possibility of an extension with your supervisor first.
2. Requests can then be lodged by the student online at https://student.unsw.edu.au/ty2-supv then receive an email asking them to approve, before it is escala
3. Request must be made by Week 6 of term.
4. Panel decision will be made by Week 7 end of week.
5. The decision will be made by a panel consisting of the HoS (or t Coordinator, and 1 other person.
6. Students should be alerted to the fact that this is not guaranteed getting an extension.
7. Typically, extensions are granted UP TO 3 weeks. The length of t requested and justified by the supervisor. Panel will decide the le
8.

Procedure if you fail Thesis A, B or C

Fail in Thesis A (interim report mark < 50%) must re-enrol in Thesis A again.

Fail in Thesis B (seminar mark < 50%) must re-enrol in Thesis B again

Fail in Thesis C. Students have three options.

1. re-enrol for Thesis A, B and C again, new project and supervisor
2. re-enrol for Thesis C again, same project - needs consent of an a
3. Student does further work, re-submits thesis after a max period of 6 wee 50%. If still not satisfactory, then needs to re-enrol. Can be awarded a mark

This last option is only available if the original mark was "e40, OR if t before graduation (regardless of the original mark).

Fail in Thesis B & C (when taken simultaneously) Students usually re-enrol in Thesis B cannot concurrently enrol in C. They can then take Thesis C when The completed.

Industry based projects

We encourage students to seek partnerships with industry, so students

industry. However, if confidentiality is required, a confidential disclos

Submission of Assessment Tasks

Laboratory reports and major assignments will require a Non-Plagiarism Declaration Cover S

Assignments should be submitted on time. A daily penalty of 5% of the assignment will apply for work received after the due date. Any assign be accepted. The only exemption will be when prior permission for late the Course coordinator. Extensions will be granted only on medical or extreme circumstances.

Academic Honesty and Plagiarism

PLAGIARISM

Beware! An assignment that includes plagiarised material will receive
plagiarise may fail the course. Students who plagiarise will have their
register and will be liable to disciplinary action, including exclusion f
It is expected that all students must at all times submit their own work
work or ideas of someone else without clearly acknowledging the sourc
plagiarism.

All assessments which you hand in must have a Non-Plagiarism Declaration Cover Sheet
both individual and group work. Attach it to your assignment before su
Coordinator or at the School Office.

Plagiarism is the use of another person s work or ideas as if they wer
desirable to use other people s material you should adequately acknow
are and where you found them (giving the complete reference details,
Learning Centre provides further information on what constitutes Plagi
https://student.unsw.edu.au/plagiarism

Academic Information

COURSE EVALUATION AND DEVELOPMENT

Student feedback has helped to shape and develop this course, includ
line evaluations as part of UNSW s as part of UNSW s myExperience p
encouraged to complete such an on-line evaluation toward the end of
provided will be important in improving the course for future students.

DATES TO NOTE

Refer to MyUNSW for Important Dates, available at:
https://my.unsw.edu.au/student/resources/KeyDates.html

ACADEMIC ADVICE

For information about:

- Notes on assessments and plagiarism,
- Special Considerations,
- School Student Ethics Officer, and
- BESS

refer to the School website available at
http://www.engineering.unsw.edu.au/biomedical-engineering/

Supplementary Examinations:

Supplementary Examinations for Term 2 2022 will be held on (TBC) sh

This course outline sets out description of classes at the date the Cou
nature of classes may change during the Term after the Course Outlin
consulted for the up to date class descriptions. If there is any incons
activities between the University timetable and the Course Outline (as
description in the Course Outline/Moodle applies.

Image Credit

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CRICOS

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Acknowledgement of Country

We acknowledge the Bedegal people who are the traditional custodians
Kensington campus is located.