

# BIOM9020

Masters Project (Half Time)

Term 3, 2021



## Course Overview

### Staff Contact Details

#### Convenors

Name	Email	Availability	Location	Phone
Michael Stevens	<a href="mailto:thesis.biomedeng@unsw.edu.au">thesis.biomedeng@unsw.edu.au</a>			
Fatemeh Karimi	<a href="mailto:fatemeh.karimi@unsw.edu.au">fatemeh.karimi@unsw.edu.au</a>			

### School Contact Information

Student Services can be contacted via [unsw.to/webforms](https://unsw.to/webforms).

## Course Details

### Units of Credit 6

### Summary of the Course

Please note: candidates must contact the School for consent to enrol. BIOM9020 is only available to high achieving students with prior written school approval.

BIOM9020 is the first half of the 12 UOC research project. BIOM9021 is the second half. Enrolment in these courses allows a student to undertake the equivalent of BIOM9914 Masters Project over two sessions and allows graded results.

### Course Learning Outcomes

1. Develop a design or a process or investigate a hypothesis following industry and professional engineering standards.
2. Critically reflect on a specialist body of knowledge related to their thesis topic.
3. Apply scientific and engineering methods to solve an engineering problem.
4. Analyse data objectively using quantitative and mathematical methods.
5. Demonstrate oral and written communication in professional and lay domains.
6. To solve biomedical problems by applying 1-5.

### Teaching Strategies

Please refer to the information in Moodle

### Additional Course Information

There is no official class time for this course. You must still ensure your **enrolment and registration** is up to date in your enrolment. Your face-to-face time needs to be organised with your supervisor, as you are expected to meet them at least once per week.

## Assessment

There are two assessment tasks across BIOM9020 and BIOM9021.

In BIOM9020, you must complete an interim report.

In BIOM9021, you must complete a scientific manuscript (~5000 words).

Assessment task	Weight	Due Date	Course Learning Outcomes Assessed
1. Project	20%	Monday week 11 at 11:59 pm	1, 2, 3, 4, 5, 6

### Assessment 1: Project

**Assessment length:** 20-30 pages

**Due date:** Monday week 11 at 11:59 pm

6.1.1 MP1: Interim report

1. Reviewing the work of others (50%)
2. Articulating a research question and a plan (20%)
3. Project Dependent Preparations (20%)
4. Document presentation (10%)

Full assessment detail is available in Microsoft Teams.

## Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

## Course Schedule

[View class timetable](#)

### Timetable

Date	Type	Content
Study Week: 20 November - 25 November	Assessment	

## Resources

### Prescribed Resources

Resources will be made available to help students guide them in their journey for Thesis A.

## Extensions

You can apply for [special consideration](#) when illness or other circumstances interfere with your assessment performance.

Other applications for extension of submission of thesis reports (e.g. equipment breakdown, etc.):

1. Discuss the possibility of an extension with your supervisor first.
2. Requests can then be lodged by the student here <http://tinyurl.com/yy2jzpyv>. The supervisor will then receive an email asking them to approve, before it is escalated to the decision panel.
3. Request must be lodged by **Week 6** of term.
4. Panel decision will be made by end of **week 7**.
5. The decision will be made by a panel – consisting of the HoS (or their nominee), Thesis Coordinator, and 1 other person.
6. Students should be alerted to the fact that this is not guaranteed, and thus should not rely on getting an extension.
7. Typically, extensions are granted UP TO 3 weeks. The length of the extension needs to be requested and justified by the supervisor. Panel will decide the length of time granted.
- 8.

## Procedure if you fail Thesis A, B or C

**Fail in Thesis A (interim report mark – must re-enrol in Thesis A again.**

**Fail in Thesis B (seminar mark – 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 appropriate supervisor & student
3. Student does further work, re-submits thesis after a max of 6 weeks. *Course* mark capped at 50%. If still not satisfactory, then needs to re-enrol.

**This last option is only available if the original mark was  $\geq 40$ , OR if the student is in their last semester before graduation (regardless of the original mark).**

**Fail in Thesis B & C (when taken simultaneously) – Students must re-enrol in Thesis B again, and cannot concurrently enrol in C. They can then take Thesis C when Thesis B has been satisfactorily completed.**

### [Industry based projects](#)

We encourage students to seek partnerships with industry, so students can have a co-supervisor from industry. However, if confidentiality is required, a confidential disclosure agreement (CDA) is obligatory. The agreement will protect the intellectual property rights of the industry partner, UNSW and the student. Students or academics are not authorised to sign confidential disclosure agreements on behalf of UNSW and are advised to talk to the course coordinator and UNSW legal office to arrange for drafting and signing of the confidential disclosure or research agreement.

## Late procedure

In all cases, applications for late submission can be applied for BEFORE the due date. This is at the discretion of the thesis coordinator but should only be granted in exceptional circumstances. As per normal, students can also apply through myUNSW for special consideration.

For Thesis A, B or C, 5 marks will be deducted off the *thesis* for every day late. Penalty applies until the marks for the *course* decrease to 50, and further lateness does not result in failure of the *course*, but might be a failure of the thesis (weekends count as days).

## Additional support for students

- The Current Students Gateway: <https://student.unsw.edu.au/>
- Academic Skills and Support: <https://student.unsw.edu.au/academic-skills>
- *Student Wellbeing, Health and Safety*: <https://student.unsw.edu.au/wellbeing>
- Disability Support Services: <https://student.unsw.edu.au/disability-services>
- UNSW IT Service Centre: <https://www.it.unsw.edu.au/students/index.html>

## Recommended Resources

Not available

## Submission of Assessment Tasks

Laboratory reports and major assignments will require a [Non Plagiarism Declaration Cover Sheet](#).

Late submissions will be penalised 10% of the mark for each calendar day late. If you foresee a problem in meeting the nominated submission date please contact the Course Convenor to make an appointment to discuss your situation as soon as possible.



## Academic Honesty and Plagiarism

### PLAGIARISM

Beware! An assignment that includes plagiarised material will receive a 0% Fail, and students who plagiarise may fail the course. Students who plagiarise will have their names entered on a plagiarism register and will be liable to disciplinary action, including exclusion from enrolment.

It is expected that all students must at all times submit their own work for assessment. Submitting the work or ideas of someone else without clearly acknowledging the source of borrowed material or ideas is plagiarism.

All assessments which you hand in must have a [Non Plagiarism Declaration Cover Sheet](#). This is for both individual and group work. Attach it to your assignment before submitting it to the Course Coordinator or at the School Office.

Plagiarism is the use of another person's work or ideas as if they were your own. When it is necessary or desirable to use other people's 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 Information

### COURSE EVALUATION AND DEVELOPMENT

Student feedback has helped to shape and develop this course, including feedback obtained from on-line evaluations as part of UNSW's as part of UNSW's myExperience process. You are highly encouraged to complete such an on-line evaluation toward the end of Term. Feedback and suggestions 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 3 2021 will be held on Monday 10th January – Friday 14th January (inclusive) should you be required to sit one.

### Image Credit

Synergies in Sound 2016

### CRICOS

CRICOS Provider Code: 00098G

### Acknowledgement of Country

We acknowledge the Bedegal people who are the traditional custodians of the lands on which UNSW Kensington campus is located.