UNSW Course Outline

PATH3207 Musculoskeletal Diseases - 2024

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General Course Information

Course Code : PATH3207
Year : 2024
Term : Term 3
Teaching Period : T3
Is a multi-term course? : No
Faculty : Faculty of Medicine and Health
Academic Unit : School of Biomedical Sciences
Delivery Mode : In Person
Delivery Format : Standard
Delivery Location : Kensington
Campus : Sydney
Study Level : Undergraduate
Units of Credit : 6

Useful Links

Handbook Class Timetable

Course Details & Outcomes

Course Description

This course will be beneficial to students wishing to pursue careers in the health sciences, especially medicine (in particular rehabilitation medicine), biomedical research or hospital-based laboratory work. A sound understanding of musculoskeletal pathology should provide an

effective framework from which to approach diagnosis and management of common clinical scenarios that you may well encounter in your future careers. The course covers bone and joint disease, neuromuscular disease, musculoskeletal trauma and primary and secondary bone neoplasms.

Course Aims

PATH3207 comprises teaching current concepts of musculoskeletal diseases including arthritis, metabolic bone diseases, neoplasms in bone, causes of musculoskeletal pain and limitations of movement and neuromuscular diseases as well as detailed coverage of fracture healing and its complications, multiple traumas, and current research on biomaterial and prosthetic devices relevant to joint, muscle and/or neuronal repairs.

In PATH3207 you will develop the following Graduate Attributes by undertaking the activities and learning the content presented in the course. These attributes will be assessed within the prescribed assessment tasks.

1. An in-depth engagement with the relevant disciplinary knowledge in its interdisciplinary context.

2. The capacity for analytical and critical thinking, as well as for creative problem solving.

3. The ability to engage in independent, team-based and reflective learning.

4. The skills of effective communication.

Relationship to Other Courses

Assistance with progression checking:

If you are unsure how this course fits within your program, you can seek guidance on optimising your program structure, from staff at the Nucleus Student Hub.

- Progression plans for UNSW Medicine and Health programs can be found on the UNSW Medicine & Health website.
- Progression plans for UNSW Science programs can be found on the UNSW Science website.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Describe and explain the molecular and cellular pathogenic mechanisms of musculoskeletal and neuromuscular diseases.
CLO2 : Describe the macroscopic and microscopic appearances of musculoskeletal and neuromuscular diseases.
CLO3 : Identify underlying pathological processes and mechanisms of musculoskeletal and neuromuscular diseases and correlate this with clinical features.
CLO4 : Describe the sensitivity, specificity, cost effectiveness and availability of laboratory and imaging investigations for the diagnosis of musculoskeletal diseases.
CLO5 : Appraise recent advances in biomedical, bioengineering, molecular and biological research related to the treatment of musculoskeletal and neuromuscular diseases.
CLO6 : Demonstrate written and oral skills in scientific communication.
CLO7 : Demonstrate skills in peer review and assessment of scientific research.

Course Learning Outcomes	Assessment Item
CLO1 : Describe and explain the molecular and cellular pathogenic mechanisms of musculoskeletal and neuromuscular diseases.	• Tutorial Quizzes and Adaptive Online Tutorials • End of Course Written Examination
CLO2 : Describe the macroscopic and microscopic appearances of musculoskeletal and neuromuscular diseases.	• End of Course Practical Test • Tutorial Quizzes and Adaptive Online Tutorials • End of Course Written Examination
CLO3 : Identify underlying pathological processes and mechanisms of musculoskeletal and neuromuscular diseases and correlate this with clinical features.	• End of Course Practical Test • Tutorial Quizzes and Adaptive Online Tutorials • End of Course Written Examination
CLO4 : Describe the sensitivity, specificity, cost effectiveness and availability of laboratory and imaging investigations for the diagnosis of musculoskeletal diseases.	• End of Course Practical Test • End of Course Written Examination
CLO5 : Appraise recent advances in biomedical, bioengineering, molecular and biological research related to the treatment of musculoskeletal and neuromuscular diseases.	• Evidence Based Symposium • End of Course Practical Test • End of Course Written Examination
CLO6 : Demonstrate written and oral skills in scientific communication.	• Evidence Based Symposium
CLO7 : Demonstrate skills in peer review and assessment of scientific research.	• Evidence Based Symposium

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams | Echo 360

Learning and Teaching in this course

All course materials and course announcements are provided on the course learning management system, Moodle (or Open Access).

By accessing and using the ICT resources provided by UNSW, you are agreeing to abide by the 'Acceptable Use of UNSW ICT Resources' policy particularly on respect for intellectual property and copyright, legal and ethical use of ICT resources and security and privacy.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Evidence Based Symposium Assessment Format: Group	15%	Due Date: Week 7: 21 October - 27 October
Tutorial Quizzes and Adaptive Online Tutorials Assessment Format: Individual	20%	Due Date: Tutorial quizzes in weeks 2,3,4,5 and 9. Adaptive online tutorials due by 6pm 14/11/24
End of Course Practical Test Assessment Format: Individual	20%	Due Date: Week 8: 28 October - 03 November
End of Course Written Examination Assessment Format: Individual	45%	Due Date: During exam period

Assessment Details

Evidence Based Symposium

Assessment Overview

Evidence Based Symposium: This is a group presentation in week 7 that comprises 15% of the final mark. Of the 15%, 2.5% will be determined by group members via a peer review, the remaining 10% will be determined by two academic staff based on content, presentation, use of relevant literature and ability to answer questions on the topic. A detailed guide on the tasks involved and rubrics of the marking schemes will be provided in the form of a 1-hour presentation by the course convenor. Individual, group and cohort feedback will be provided.

Rationale is to develop your communication skills (oral and written), teamwork skills, ability to analyse, appraise and discuss new information and research in the area.

Course Learning Outcomes

- CLO5 : Appraise recent advances in biomedical, bioengineering, molecular and biological research related to the treatment of musculoskeletal and neuromuscular diseases.
- CLO6 : Demonstrate written and oral skills in scientific communication.
- CLO7 : Demonstrate skills in peer review and assessment of scientific research.

Detailed Assessment Description

Detailed information about this assessment will be provided on the course Moodle page. The Evidence Based Symposium will take place in week 7.

Submission notes

Refer to Moodle for submission information

Generative AI Permission Level

Planning/Design Assistance

You are permitted to use generative AI tools, software or services to generate initial ideas, structures, or outlines. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e., what is generated by the tool, software or service should not be a part of your final submission. You should keep copies of your iterations to show your Course Authority if there is any uncertainty about the originality of your work.
If your Convenor has concerns that your answer contains passages of AI-generated text or media that have not been sufficiently modified you may be asked to explain your work, but we recognise that you are permitted to use AI generated text and media as a starting point and some traces may remain. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.
For more information on Generative AI and permitted use please see here.

Tutorial Quizzes and Adaptive Online Tutorials

Assessment Overview

The tutorial quizzes are individual assessments during selected tutorials and comprise 10% of the final mark (2% for each of the individual quizzes). Each quiz contains a combination of objective items including multiple choice questions, on the topic that was covered the previous week (or occasionally in an earlier week). The quiz may be based on the lectures, tutorials, practicals and readings for that topic. You have one attempt at each quiz.

To prepare for the quizzes, you are strongly advised to attend and review the lectures and read

the allocated readings. Additional reading on the subject is also highly recommended. At the end of each quiz, automated online feedback is provided, and you are encouraged to discuss any aspects you do not understand with your tutor.

The aim of this type of assessment is to provide timely feedback on your progress and provide you with remedial assistance if needed. Students who perform poorly in 3 or more tutorial quizzes may receive individual feedback either face-to-face or online.

Additionally, you will complete 5 adaptive tutorials that are available online, which comprise 10% of the final mark. You may have multiple attempts at each adaptive tutorial while it is available. You will receive 2% for each adaptive tutorial completed with 100% correct answers (2% x 5 adaptive tutorials, maximum 10%).

The adaptive tutorials will provide you with immediate feedback on your submitted answers.

Rationale is to consolidate knowledge and to develop application skills, including recognising when information is only partially correct or ambiguous.

Course Learning Outcomes

- CLO1 : Describe and explain the molecular and cellular pathogenic mechanisms of musculoskeletal and neuromuscular diseases.
- CLO2 : Describe the macroscopic and microscopic appearances of musculoskeletal and neuromuscular diseases.
- CLO3 : Identify underlying pathological processes and mechanisms of musculoskeletal and neuromuscular diseases and correlate this with clinical features.

Detailed Assessment Description

Detailed information about this assessment will be provided on the course Moodle page.

Submission notes

Refer to Moodle for submission information

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

End of Course Practical Test

Assessment Overview

You will complete a practical test towards the end of the term which will comprise 20% of the final mark for the course. The test will consist of a series of stations, each with questions based on material presented in practicals during the term.

You will rotate around the stations, spending 4 minutes per station. Individual feedback will be given in the form of a final mark as part of the student end of course grade. Cohort feedback will be provided.

Course Learning Outcomes

- CLO2 : Describe the macroscopic and microscopic appearances of musculoskeletal and neuromuscular diseases.
- CLO3 : Identify underlying pathological processes and mechanisms of musculoskeletal and neuromuscular diseases and correlate this with clinical features.
- CLO4 : Describe the sensitivity, specificity, cost effectiveness and availability of laboratory and imaging investigations for the diagnosis of musculoskeletal diseases.
- CLO5 : Appraise recent advances in biomedical, bioengineering, molecular and biological research related to the treatment of musculoskeletal and neuromuscular diseases.

Detailed Assessment Description

Detailed information about this assessment will be provided on the course Moodle page.

Submission notes

Refer to Moodle for submission information

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

End of Course Written Examination

Assessment Overview

At the end of the term there will be a written exam that accounts for 45% of the final mark for the course. The questions assess all the learning outcomes and encourage an in-depth

understanding of the pathology of musculoskeletal diseases in a clinical and research context. Marks will be weighted as follows: short answer questions 25% and objective items 20%. The short answer questions vary in style but are intended to provide you with the opportunity to demonstrate your understanding of the topic and your ability to integrate ideas rather than simple regurgitation of facts. The objective items will include multiple choice questions where the best or most appropriate answer is chosen from the options provided. Feedback will be given in the form of a final mark as part of the end of course grade.

Course Learning Outcomes

- CLO1 : Describe and explain the molecular and cellular pathogenic mechanisms of musculoskeletal and neuromuscular diseases.
- CLO2 : Describe the macroscopic and microscopic appearances of musculoskeletal and neuromuscular diseases.
- CLO3 : Identify underlying pathological processes and mechanisms of musculoskeletal and neuromuscular diseases and correlate this with clinical features.
- CLO4 : Describe the sensitivity, specificity, cost effectiveness and availability of laboratory and imaging investigations for the diagnosis of musculoskeletal diseases.
- CLO5 : Appraise recent advances in biomedical, bioengineering, molecular and biological research related to the treatment of musculoskeletal and neuromuscular diseases.

Detailed Assessment Description

Detailed information about this assessment will be provided on the course Moodle page. The End of course written examination will take place during the university exam period.

Submission notes

Refer to Moodle for submission information

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.
For more information on Generative AI and permitted use please see here.

General Assessment Information

Detailed instructions regarding assessments for this course are provided on the course Moodle page (or Open Learning). Additional details regarding the EBS will be provided early in the course, and also on the course Moodle page.

For student information on results, grades, and guides to assessment see: https://student.unsw.edu.au/assessment

Grading Basis

Standard

Requirements to pass course

In order to pass this course students must:

- Achieve a composite grade of at least 50 out of 100
- Meet any additional requirements specified in the assessment details section and on Moodle.

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 0 : 2 September - 8 September	Other	
Week 1 : 9 September - 15 September	Lecture	• Course overview • Primary and Metastatic Bone Tumours
	Tutorial	• Primary and Metastatic Bone Tumours
	Laboratory	• Clinical and Histopathology of Bone Tumours
Week 2 : 16 September - 22 September	Lecture	• Causes of Fractures and Mechanisms of Fracture Healing • Treatment approaches and Complications of Fractures
	Tutorial	• Fracture Healing and Complications
	Laboratory	• Clinical and Histopathology of Fractures
Week 3 : 23 September - 29 September	Lecture	• Strains, Sprains and Dislocations • Differential diagnosis of back pain
	Tutorial	• Back pain
	Tut-Lab	• Clinical cases of back pain • Prelude to Evidence based symposium
Week 4 : 30 September - 6 October	Lecture	• Degenerative and Septic Arthritis • Inflammatory Arthritis
	Tutorial	• Inflammatory and Degenerative Arthritis
	Laboratory	• Clinical Correlations and Histopathology of Arthritis
Week 5 : 7 October - 13 October	Lecture	• Metabolic Bone Diseases 1: Osteoporosis and Osteomalacia • Metabolic Bone Diseases 2: Hyperparathyroidism, Paget's disease, Congenital defects
	Tutorial	• Metabolic Bone Diseases
	Laboratory	• Trial Practical Test
Week 6 : 14 October - 20 October	Other	• Flexibility Week
Week 7 : 21 October - 27 October	Presentation	• Evidence Based Symposium
	Other	Clinical Approaches for the Diagnosis of Peripheral Neuropathy
Week 8 : 28 October - 3 November	Lecture	• Pathological Basis of Neuromuscular Diseases 1 and Pathological Basis of Neuromuscular Diseases 2
	Other	• Pathological Basis of Upper and Lower Motor Neuron Lesions
	Other	• Practical Test
Week 9 : 4 November - 10 November	Lecture	• Traumatic Head Injuries 1 • Traumatic Head Injuries 2
	Tutorial	• Multiple Trauma and Intracranial Haemorrhages
	Laboratory	• Clinicopathological Correlations of Intracranial haemorrhages
Week 10 : 11 November - 17 November	Lecture	• Rehabilitation, and Course Review
	Tutorial	• Neuro-muscular Diseases

Attendance Requirements

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

General Schedule Information

The times and locations of classes can be found on myUNSW under Class Timetable.

The expected engagement for all UNSW 6UOC courses is 150 hours per term. This includes lectures, tutorials, readings, and completion of assessments and exam preparation (if relevant).

Course Resources

Prescribed Resources

You are expected to use the following text available online via the UNSW library website at http://library.unsw.edu.au (zID and zPass required). Search for Robbins Basic Pathology. *Robbins Basic Pathology*. 11th Edition. V. Kumar, A.K. Abbas, & J.C. Aster (2023). Saunders & Co. Philadelphia PA; Elsevier Saunders. This book can also be purchased from the UNSW Book Store.

Recommended Resources

Recommended resources for this course are provided on the course Moodle page.

Additional Costs

There are no additional costs associated with this course.

Course Evaluation and Development

Student feedback is taken seriously, and continual improvements are made to the course based, in part, on such feedback.

We use student feedback from myExperience surveys to develop and make improvements to the course each year. We do this by identifying areas of the course that require development from both the rating responses and written comments. Please spare a few minutes to complete the myExperience surveys for this course posted at the top of the Moodle page at the end of term.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Sophia Champion					No	Yes
	Karim Burkhardt					No	No

Other Useful Information

Academic Information

As a student of UNSW Medicine & Health you are expected to familiarise yourself with the contents of this course outline and the UNSW Student Code and policies and procedures related to your studies.

Student Code of Conduct

Throughout your time studying at UNSW Medicine & Health, you share a responsibility with us for maintaining a safe, harmonious and tolerant University environment. This includes within the courses you undertake during your degree and your interactions with the UNSW community, both on campus and online.

The UNSW Student Code of Conduct website provides a framework for the standard of conduct expected of UNSW students with respect to both academic integrity and your responsibility as a UNSW citizen.

Where the University believes a student may have breached the code, the University may take disciplinary action in accordance with the Student Misconduct Procedure.

The Student Conduct and Integrity Office provides further resources to assist you to understand your conduct obligations as a student at UNSW.

Academic Honesty and Plagarism

Academic integrity

UNSW has an ongoing commitment to fostering a culture of learning informed by academic integrity. All UNSW staff and students have a responsibility to adhere to the principle of

academic integrity, and ethical scholarship of learning is fundamental to your success at UNSW Medicine & Health.

Plagiarism, contract cheating, and inappropriate use of generative AI undermine academic integrity and are not tolerated at UNSW. For more information see the Academic Integrity and Plagiarism toolkit.

In addition to the information you are required to review in your ELISE training, UNSW Medicine & Health strongly recommends that you complete the Working with Academic Integrity module before submitting your first assessment task.

Referencing

Referencing is a way of acknowledging the sources of information that you use to research your assignments. Preferred referencing styles vary among UNSW Medicine & Health disciplines, so check your course Learning Management System (e.g. Moodle or Open Learning) page for information on preferred referencing styles.

For further information on referencing support and styles, see the Current Student Referencing page.

Academic misconduct and plagiarism

At UNSW, academic misconduct is managed in accordance with the Student Misconduct Procedure. Allegations of plagiarism are generally handled according to the UNSW Plagiarism Management Procedure. Plagiarism is defined in the UNSW Plagiarism Policy and is not tolerated at UNSW.

Use of Generative AI and other tools in your assessment

UNSW has provided guiding statements for the use of Generative AI in assessments. This will differ, depending on the individual assessment task, your course requirements, and the course stage within your program.

Your course convenor will outline if and how you can use Generative AI in each of your assessment tasks. Inappropriate use of generative AI is considered academic misconduct.

Options for the use of generative AI include: (1) no assistance (for invigilated assessments); (2) simple editing assistance; (3) drafting assistance; and (4) full assistance with attribution; and (5)

Generative AI software-based assessments. See your individual assessment descriptions for the level of permitted use of generative AI for each task and see your course Moodle (or Open Learning) page for the full instructions on permitted use of generative AI in your assessment tasks for this course.

Instructions may include a requirement to submit the original generative AI responses, or drafts of your original work, or provide on request.

Submission of Assessment Tasks

Short extensions and special consideration

Short extension

UNSW has a short extension procedure for submission of assessment tasks. Not all tasks are eligible, and eligible tasks have a predetermined extension length. UNSW Medicine and Health have set School-level extension lengths for eligible assessment tasks. See your course assessment descriptions for more information.

Students must check the availability of a short extension in the individual assessment task information for their courses.

Short extensions do not require supporting documentation. They must be submitted through Special Consideration before the assessment task deadline. No late applications will be accepted.

Late penalties apply to submission of assessment tasks without approved extension.

Special consideration

In cases where illness, misadventure or other circumstances beyond your control will prevent you from submitting your assessment by the due date and you require an extension, you need to formally apply for Special Consideration through myUNSW.

UNSW has a **Fit to Sit/Submit rule**, which means that by sitting or submitting an assessment on the scheduled assessment date, you are declaring that you are fit to do so and cannot later apply for Special Consideration. Examinations include centrally timetabled examinations and scheduled, timed examinations and tests managed by your School.

Important information relating to Short Extension and Special Consideration is available here, including eligibility for Special Consideration, circumstances where students with Equitable Learning Plans can apply for Short Extensions and Special Consideration, and the appeals process.

Examinations

Information about the conduct of examinations in your course is provided on your course Moodle page.

Timed online assessment tasks

If you experience a technical or connection problem during a timed online assessment, such as a timed quiz, you can apply for Special Consideration. To be eligible to apply you need to contact the Course Convenor and advise them of the issue immediately. You will need to submit an application for Special Consideration immediately, and upload screenshots, error messages or other evidence of the technical issue as supporting documentation. Additional information can be found on: https://student.unsw.edu.au/special-consideration

Other assessment tasks

Late submission of assessment tasks

UNSW has standard late submission penalties as outlined in the UNSW Assessment Implementation Procedure, with no permitted variation. All late assignments (unless extension or exemption previously agreed) will be penalised by 5% of the maximum mark per calendar day (including Saturday, Sunday and public holidays).

Late submissions penalties are capped at five calendar days (120 hours). This means that a student is not permitted to submit an assessment more than 5 calendar days (120 hours) after the due date for that assessment (unless extension or exemption previously agreed).

Failure to complete an assessment task

You are expected to complete all assessment tasks for your courses. In some courses, there will be a minimum pass mark required on a specific assessment task (a “hurdle task”) due to the need to assure clinical competency.

Where a hurdle task is applicable, additional information is provided in the assessment

information on your course Moodle page.

Feedback on assessments

Feedback on your performance in assessment tasks will be provided to you in a timely manner. For assessment tasks completed within the teaching period of a course, other than a final assessment, feedback will be provided within 10 working days of submission, under normal circumstances.

Feedback on continuous assessment tasks (e.g. laboratory and studio-based, workplace-based, weekly quizzes) will be provided prior to the midpoint of the course.

Any variation from the above information that is specific to an assessment task will be clearly indicated in the course and assessment information provided to you on your course Moodle (or Open Learning) page.

Faculty-specific Information

Additional support for students

The university offers a wide range of support services that are available for students. Here are some links for you to explore.

- The Current Students Gateway: https://student.unsw.edu.au
- Academic Skills and Support: https://student.unsw.edu.au/academic-skills
- Student support: https://www.student.unsw.edu.au/support
- Student Wellbeing, Health and Safety: https://student.unsw.edu.au/wellbeing

Mind Smart Guides are a series of mental health self-help resources designed to give you the psychological flexibility, resilience and self-management skills you need to thrive at university and at work.

- Mind Smart Guides: https://student.unsw.edu.au/mindsmart
- Equitable Learning Services: https://student.unsw.edu.au/els

- Guide to studying online: https://www.student.unsw.edu.au/online-study

Most courses in UNSW Medicine & Health use Moodle as your Learning Management System. Guidance for using UNSW Moodle can be found on the Current Student page. Difficulties with Moodle should be logged with the IT Service Centre.

- Moodle Support: https://student.unsw.edu.au/moodle-support

The IT Service Desk is your central point of contact for assistance and support with remote and on-campus study.

- UNSW IT Service Centre: https://www.myit.unsw.edu.au/services/students

Course evaluation and development

At UNSW Medicine & Health, students take an active role in designing their courses and their overall student experience. We regularly seek feedback from students, and continuous improvements are made based on your input. Towards the end of the term, you will be asked to participate in the myExperience survey, which serves as a source of evaluative feedback from students. Your input to this quality enhancement process is valuable in helping us meet your learning needs and deliver an effective and enriching learning experience. Student responses are carefully considered, and the action taken to enhance educational quality is documented in the myFeedback Matters section of your Moodle (or Open Learning) course page.

School-specific Information

Laboratory or practical class safety.

For courses where there is a laboratory or practical-based component, students are required to wear the specified personal protective equipment (e.g., laboratory coat, covered shoes, safety glasses) indicated in the associated student risk assessments. The student risk assessments will be provided on the course Moodle page and must be read and acknowledged prior to the class.

Master of Science in Health Data Science courses

Courses in the Master of Science in Health Data Science are hosted through Open Learning.

Additional resources are available on the Health Data Science Student Hub.

School Contact Information

School guidelines on contacting staff:

Course questions

All questions related to course content should be posted on Moodle (or Open Learning) or as directed by your Course Convenor.

In cases where email communication with course convenors is necessary, we kindly request the following:

- Use your official email address for any correspondence with teaching staff.
- We expect a high standard of communication. All communication should avoid using short-hand or texting language.
- Include your full name, student ID, and your course code and name in all communication.

Our course convenors are expected to respond to emails during standard working hours of Monday to Friday, 9am-5pm.

Administrative questions

If you have an administrative question about your program of study at the School please submit your enquiry online at UNSW Ask Us.

Complaints and appeals

Student complaints and appeals: https://student.unsw.edu.au/complaints

If you have any grievances about your studies, we invite you to address these initially to the Course Convenor. If the response does not meet your expectations, you may then contact:

School Grievance Officer, Prof Nick Di Girolamo (n.digirolamo@unsw.edu.au)

Master of Science in Health Data Science programs: School Grievance Officer, Dr Sanja Lujic (s.lujic@unsw.edu.au)