UNSW Course Outline

PATH3206 Cancer Pathology - 2024

Published on the 12 May 2024

General Course Information

Course Code : PATH3206
Year : 2024
Term : Term 2
Teaching Period : T2
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

PATH3206 aims to promote understanding of the pathogenic mechanisms underlying neoplasia. There is detailed discussion of molecular carcinogenesis, the metastatic process and techniques for diagnosis, incorporating recent advances in molecular oncology (genomics, metabolism, immunotherapy, targeted therapeutics, systems biology). Discussion will integrate recent and

emerging research findings and develop communication skills and critical thinking. Topics covered include neoplasia of the colon, breast, stomach, skin, lung, haematological, paediatric and reproductive tract neoplasms.

For those wishing to pursue a career in research or hospital-based laboratory work, the course will not only develop basic knowledge of molecular processes, but also provide a framework for understanding how these processes link to the modern practice of medicine. Similarly, for those who may wish to pursue a career in the health sciences, the course will provide an understanding of the cellular and molecular processes underlying clinical manifestations of neoplasia.

Course Aims

PATH3206 aims to promote understanding of the molecular pathogenetic mechanisms underlying neoplasia. To understand neoplasia, you will need to draw on your knowledge of normal anatomy, histology, biochemistry and physiology.

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.

PATH3206 builds on the introductory content taught in PATH2201 with an in-depth focus on cancer. Prerequisite: Enrolment in 3831 Science (Medicine) Honours OR (completion of PATH2201 or PATH2202). PATH3206 can contribute towards a specialisation in Pathology (Science or Advanced Science programs), or Human Pathology (Medical Science program).

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Describe the molecular and cellular pathogenetic mechanisms of carcinogenesis and metastasis.
CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic mechanisms.
CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.
CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.
CLO5 : Critically evaluate information on cancer reported in the media and the scientific literature.
CLO6 : Demonstrate professional skills including effective written and oral communication and collaborative teamwork.

Course Learning Outcomes	Assessment Item
CLO1 : Describe the molecular and cellular pathogenetic mechanisms of carcinogenesis and metastasis.	• Mid-term test • Team and individual quizzes • End-of-course examination
CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic mechanisms.	• Team presentation • Mid-term test • Team and individual quizzes • End-of-course examination
CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.	• Team presentation • Mid-term test • Team and individual quizzes • End-of-course examination
CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.	• Team presentation • Mid-term test • Team and individual quizzes • End-of-course examination
CLO5 : Critically evaluate information on cancer reported in the media and the scientific literature.	• Team presentation
CLO6 : Demonstrate professional skills including effective written and oral communication and collaborative teamwork.	• Team presentation • Team and individual quizzes

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams | BEST Network

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.

Additional Course Information

The Department of Pathology is part of the School of Biomedical Science, UNSW Medicine & Health, and is located in the Wallace Wurth Building. Associate Professor Shane Thomas is Head of Department and appointments to see him may be made via email (S.Thomas@unsw.edu.au).

Workshops: The workshops in PATH3206 are classes in which student review case histories of patients and related data and work through activities/questions relating to presentation, diagnosis, and treatment of common cancers. Lab coats and safety glasses are not required for these classes.

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Team presentation Assessment Format: Group	30%	Start Date: Week 1 Due Date: Written report: 21st June 5PM; Presentation: 11th July 10AM Post Date: 25/07/2024 05:00 PM
Mid-term test Assessment Format: Individual	20%	Start Date: 27/06/2024 10:00 AM Due Date: 27/06/2024 10:00 AM Post Date: 11/07/2024 11:00 AM
Team and individual quizzes Assessment Format: Individual	10%	Start Date: Weeks 2, 4, 8, 10 Due Date: Weeks 2, 4, 8, 10 Post Date: 09/08/2024 05:00 PM
End-of-course examination Assessment Format: Individual	40%	Start Date: During the UNSW Examination period Due Date: During the UNSW Examination period Post Date: 29/10/2024 12:00 PM

Assessment Details

Team presentation

Assessment Overview

You will work in small groups to undertake a critical assessment of the media coverage of recent cancer research and compare/contrast this with information published in the medical/scientific literature. You and your team will present your findings in both a written report early in the term, and in mixed media format at a research symposium towards the end of the term. A proportion of your mark for this project (equivalent to 5% of the course mark) will be from peer assessments of your individual contribution to the group task. The written report and presentation are equally weighted.

Feedback:
You will receive written feedback on your written report within 10 days of the submission. You will receive feedback from multiple academics and peer assessors as well as a final mark within 10 days of the group presentation at the research symposium, along with peer feedback on your teamwork skills.

Course Learning Outcomes

- CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic mechanisms.
- CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.
- CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.
- CLO5 : Critically evaluate information on cancer reported in the media and the scientific literature.
- CLO6 : Demonstrate professional skills including effective written and oral communication and collaborative teamwork.

Detailed Assessment Description

Research or Rubbish? Media and Critical Thinking

Working in teams, you will undertake a critical assessment of media coverage of recent cancer research. Teams will present their findings in both a written report and in mixed media format at a research symposium.

This assessment task focuses on the following graduate attributes: Information acquisition, evaluation and synthesis; Effective communication in both oral and written formats; Teamwork,

collaborative and management skills; Research inquiry.

The Task

1. Choose a recent (i.e. within the last year) media story about cancer (e.g. from TV, online, print, radio).
2. Identify and assess the primary research and review publication(s) relevant to the media story (preferably including relevant institutional press releases).
3. Perform a critical evaluation of the media reporting of the underlying research.
4. Each group will submit both a written report and present their findings using flexible format (video, animation, audio, live presentation, poster etc).

Team reports/presentations:

Written reports 2000 words (12.5% of final course mark) will be assessed by staff according to following criteria:

Is the media reporting supported by the research literature? (25% weight)

- Clear and concise summary of the media report on the topic
- Identification and discussion of research article on which media report was based (e.g. appropriate methods, samples sizes, statistical analysis etc)
- Evaluation of the broader opinion/evidence relevant to the topic from the medial/scientific literature (i.e. supporting or conflicting evidence)?

Strengths and weaknesses of the reporting? (25% weight)

- Critical analysis of the reporting style (was it balanced or sensationalised?)
- Is the relevant research article accurately described in the media piece?
- Does the reporting accurately reflect the conclusions of the research article?
- Evaluation of potential bias in the media reporting

Effective use of recent medical/scientific literature (25% weight)

- Utilisation of current medical/scientific literature to support the team's arguments (minimum of 3 primary research articles required)
- Appropriate in-text citations (APA 7th Edition) throughout
- Complete and correctly formatted reference list (APA 7th Edition)

Effective written communication (25% weight)

- Overall presentation (Title page, neatly formatted, appropriate subheadings, appropriate use of figures and/or tables)

- Structure (Introduction, body and conclusion/summary, logical flow)
- Written expression (Readability, appropriate expression, correct grammar, spelling)

Written reports are to be 2000 words (±10%). The word count does not include the title page, table of contents (if included), in-text citations, figures, figure legends, tables, table descriptions, or the reference list. Everything else is included. The APA 7th edition is to be used for referencing.

Team Presentation (12.5% of final course mark) will be assessed by at least 2 academic staff and 2 peer teams according to following criteria:

Critical discussion of the science in context: (25% weight)

- Clear and concise summary of the media report on the topic
- Evaluation of the broader opinion/evidence relevant to the topic from the medial/scientific literature (i.e. supporting or conflicting evidence).

Discuss or demonstrate strengths and weaknesses of the original media reporting: (25% weight)

- Critical analysis of media reporting style
- Evaluation of potential bias in the media reporting

Effective communication: (25% weight)

- Well-structured, clear and informative presentation
- Creative and engaging presentation
- Appropriate timing

Questions (25% weight)

- All questions answered clearly, accurately, and concisely

Flexibility and creativity are encouraged in your presentations. Teams will have 5 minutes in which to give their presentation, followed by 3 minutes for audience questions. Aim to keep within ± 1 minute of the allocated time (Appropriate timing is part of the assessment criteria). You may use APA 7th edition or other appropriate referencing convention in your presentation.

Peer assessment of Teamwork (5% of final course mark) will be assessed by yourself (self-evaluation) and by members of your research team (peer-evaluation) according to the following attributes from the UNSW Teamwork Skills Development Framework:

- **Fosters constructive team climate**
- **Contributes to team meetings**
- **Facilitates the contribution of team members**
- **Individual contributions outside of team meetings**

- Adaptability and negotiation
- Responds to conflict

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

Assessment Length

Group report: 2000 words; Presentation: 5 minutes + 3 minutes for questions

Submission notes

Refer to Moodle for submission information.

Assessment information

Use of Generative Artificial Intelligence – such as ChatGPT – in the PATH3206 Team report and presentation:

DRAFTING ASSISTANCE PERMITTED

As this assessment task involves some planning or creative processes, you are permitted to use software to generate initial ideas. However, you must develop or edit those ideas to such a significant extent that what is submitted is your own work, i.e. only occasional AI generated words or phrases may form part of your final group report or group presentation. If generative AI is used, you must keep copies of the initial prompts to show your lecturer if there is any uncertainty about the originality of your work.

If the outputs of generative AI such as ChatGPT form a part of your written submission, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

However, you may use generative AI for some creative aspects of the group presentation. For example, you could use AI to generate images and/or audio clips that may enhance the creativity in your presentation. If used in this manner, any output of generative AI software must be attributed with full referencing.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students can see Turnitin similarity reports.

Mid-term test

Assessment Overview

You will complete a 1-hour mid-term test that will consist of a combination of objective items

(including multiple-choice questions) and short-answer questions on any of the content covered prior to the test.

Feedback:
Cohort feedback, model responses and a discussion of misconceptions will be provided within 10 days.

Course Learning Outcomes

- CLO1 : Describe the molecular and cellular pathogenetic mechanisms of carcinogenesis and metastasis.
- CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic mechanisms.
- CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.
- CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.

Detailed Assessment Description

The examination will be an invigilated, on-campus, CLOSED-BOOK exam using the Inspera platform (with the Safe-exam browser). You will be required to bring your own laptop. There will be 10 objective items (including MCQs) worth 1 mark each and 2 short-answer questions worth 10 marks each. The exam will include ANY of the course content covered in Weeks 1-5 of PATH3206.

Further details will be provided on Moodle.

Assessment Length

1 hour

Submission notes

Submission is via Inspera.

Assessment information

Use of Generative Artificial Intelligence – such as ChatGPT – in the PATH3206 mid-term test:

NO ASSISTANCE PERMITTED– INVIGILATED ASSESSMENT

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Team and individual quizzes

Assessment Overview

During the term, you will complete four short online quizzes on content from the current course material. You will complete each quiz as an individual and then again with peers from your tutorial group. Each quiz is equally weighted and 50% of the total marks will come from the individual attempt, and 50% will come from the team attempt.

Feedback:
You will receive online feedback at the completion of the team quiz. Additional feedback will be provided by the tutor during the tutorial.

Course Learning Outcomes

- CLO1 : Describe the molecular and cellular pathogenetic mechanisms of carcinogenesis and metastasis.
- CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic mechanisms.
- CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.
- CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.
- CLO6 : Demonstrate professional skills including effective written and oral communication and collaborative teamwork.

Detailed Assessment Description

Individual quizzes will be available online after the Tuesday lecture of the same week. You are required to complete the quiz individually prior to your tutorial class. Only one attempt is permitted. Your correct and incorrect responses will be indicated, but there will be no additional feedback (for any incorrect responses, you should revise the relevant content).

Team quizzes will take place at the start of the tutorial classes in weeks 2, 4, 8, and 10. You will complete the team quiz in collaboration with your research team. The questions in the team quiz may be different to the questions from the individual quiz. Only one member of the team will submit on behalf of the team. If multiple submissions are received, only the score from the first submission will be recorded. Feedback will be provided online after the team quiz. Note: You must have completed the individual quiz and contribute to the team attempt (in-person) to be

eligible to receive marks for the team quiz.

The content assessed in each quiz will be advised via Moodle before the quiz and may be different to the topic of the tutorial class.

Assessment Length

10 minutes each

Submission notes

An individual quiz attempt must be submitted prior to the tutorial class. Refer to Moodle for submission information.

Assessment information

Use of Generative Artificial Intelligence – such as ChatGPT – in the PATH3206 individual and team quizzes:

NO ASSISTANCE PERMITTED – INVIGILATED ASSESSMENT

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Assignment submission Turnitin type

This is not a Turnitin assignment

End-of-course examination

Assessment Overview

You will complete a 2-hour written exam that consists of a combination of objective items (including multiple-choice questions), and short-answer questions on any of the content covered throughout the course.

Feedback:
Individual marks and a summary of the cohort performance will be provided on the UNSW release of results date.

Course Learning Outcomes

- CLO1 : Describe the molecular and cellular pathogenetic mechanisms of carcinogenesis and metastasis.
- CLO2 : Relate clinical and macro/microscopic features with underlying pathogenetic

mechanisms.
- CLO3 : Describe the epidemiology, aetiology, diagnosis, staging, treatment and prognosis of cancers.
- CLO4 : Explain how recent research advances are driving better understanding of molecular pathogenesis and to develop new therapies.

Detailed Assessment Description

The examination will be an invigilated, on-campus, CLOSED-BOOK exam using the Inspera platform (with the Safe-exam browser). You will be required to bring your own laptop. There will be 20 objective items (including MCQs) worth 1 mark each and 4 short-answer questions worth 10 marks each. The exam will include ANY of the content covered in PATH3206 throughout the term.

Further details will be provided on Moodle.

Assessment Length

2 Hours

Submission notes

Submission is via Inspera.

Assessment information

Use of Generative Artificial Intelligence – such as ChatGPT – in the PATH3206 end-of-course exam:

NO ASSISTANCE PERMITTED – INVIGILATED ASSESSMENT

It is prohibited to use any software or service to search for or generate information or answers. If such use is detected, it will be regarded as serious academic misconduct and subject to the standard penalties, which may include 00FL, suspension and exclusion.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

General Assessment Information

Detailed instructions regarding assessments for this course are provided on the course Moodle page (or Open Learning).

For student information on results, grades, and guides to assessment see: https://

student.unsw.edu.au/assessment

Use of Generative Artificial Intelligence (AI) in the assessment

See the specific guidance provided for each assessment task (above).

For general information regarding the use of AI for assessments at UNSW see: https://www.student.unsw.edu.au/assessment/ai

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 1 : 27 May - 2 June	Lecture	• Introduction & overview • Neoplasia • Research or rubbish introduction
	Workshop	• What is wrong with me?
	Tutorial	• Research or rubbish topics (+ Mock Quiz)
Week 2 : 3 June - 9 June	Lecture	• Hallmarks of Cancer I • Hallmarks of Cancer II • Carcinogenesis & risk I
	Workshop	• Under the microscope
	Tutorial	• Neoplasia (+ Quiz 1)
Week 3 : 10 June - 16 June	Lecture	• King's birthday long weekend (Monday; No lectures) • Carcinogenesis & risk II (Tuesday)
	Workshop	• Making sense of the numbers
	Tutorial	• Carcinogenesis
Week 4 : 17 June - 23 June	Lecture	• Breast cancer • Systems biology • Metastasis and novel therapies
	Workshop	• What are my options?
	Tutorial	• Breast cancer (+ Quiz 2)
	Assessment	• Submission of written report for group project due: 5pm Friday 21st June
Week 5 : 24 June - 30 June	Lecture	• Lung cancer • Tumour microenvironment & inflammation • Cancer metabolism
	Assessment	• MID-TERM TEST (1 hour plus reading)
	Tutorial	• Lung cancer
Week 6 : 1 July - 7 July	Other	• FLEXIBILITY WEEK (No classes scheduled)
Week 7 : 8 July - 14 July	Lecture	• Upper GI cancer • Colorectal cancer • Mid-term test feedback
	Assessment	• Research Symposium (week 1 of 2)
	Tutorial	• Upper GI & colorectal cancer
Week 8 : 15 July - 21 July	Lecture	• Paediatric cancers • Cancer genomics • Leukaemia and lymphoma
	Assessment	• Research symposium (week 2 of 2)
	Tutorial	• Paediatric cancers (+ Quiz 3)
Week 9 : 22 July - 28 July	Lecture	• Skin cancer • Tumour immunology • Targeted therapies
	Workshop	• If I knew earlier, would it have mattered?
	Tutorial	• Skin cancer
Week 10 : 29 July - 4 August	Lecture	• Gynaecological cancers • Viral carcinogenesis • Course review & summary
	Workshop	• I am a person, not a disease
	Tutorial	• Reproductive cancers & viral carcinogenesis (+ Quiz 4)

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).

Students are strongly encouraged to complete the recommended reading for each topic prior to attending the lectures/practical classes.

You are expected to attend at least 80% of the tutorial and practical classes in order to sit the end-of-course exam. If you miss more than 2 tutorials or practicals you will be required to contact the course convenor (A/Prof Herbert) to discuss your eligibility to sit the final exam.

You are also required to be present for the entire duration of the research symposium on both days. Non-attendance (without special consideration) will attract a penalty of 10% of the total mark for this assessment for each day.

Course Resources

Prescribed Resources

Textbook

You are expected to acquire the following text: Robbins and Kumar Basic Pathology, 11th Ed. Kumar, Abbas Aster, Deyrup & Das (2023). Elsevier. This book can be purchased from the UNSW bookshop via the links below:

- Print version
- Digital version

You can also access the full text as an e-book via UNSW Clinical Key Student (Use the "Log in via your institution" link)

Students wishing to study the molecular biology or clinical features of diseases in greater depth might consider the purchase of the following text: Robbins and Cotran Pathologic Basis of Disease. 10th Ed. V. Kumar, A.K. Abbas & J.C. Aster. (2021). Elsevier.

This text is also available via UNSW Clinical Key Student

Recommended readings

All recommended readings are sourced from Robbins and Kumar Basic Pathology, 11th Ed. A list of recommended readings for each week will be available via Moodle. Completing the recommended reading before the relevant lectures/modules/practical classes is strongly encouraged and will significantly enhance your understanding of the concepts presented.

Course manual

The PATH3206 Student Manual will be provided online. It outlines the learning objectives for each tutorial topic and practical class. The Pathology Manual contains a large amount of valuable information that will facilitate your study.

Moodle

All relevant information relating to the course will be made available on Moodle, including PDFs for each of the tutorial and practical classes. Check the Moodle page regularly for announcements and updates to the course content. In particular, students should become familiar with the Glossary of Terms in Pathology which is available via a link on the Moodle page.

Recommended Resources

Images of Disease

Images of Disease (IOD) is a database of images used for teaching within the department. The latest version of Images of Disease is now available online, optimised for smart phones and tablet computers, as well as Firefox, Chrome and Safari browsers on laptop or desktop computers – http://iod.med.unsw.edu.au (zID and zPass required for full access). An interactive Images of Disease app for iPhone and iPad is available to download from that website.

The following information might help you understand more about IOD.

What you get

- Over 3000 images relevant to your study as an undergraduate. Many of these images represent specimens from the Museum of Human Disease, or histopathological images from the student histopathology slide sets. Accompanying X-rays and images of surgical and autopsy specimens are also available.
- A database that links them all together.
- A user interface that lets you access the images in a variety of ways.
- Interactive "hot-spotted" images to assist your understanding of macroscopic pathology.

What you do not get

- A collection of images that you can send to your friends, put in your magazines, upload to social media or whatever other scheme seems clever at the time.

Many of the images used in this program are of sensitive nature, and are intended for the purpose of private study by pathology students and graduates. You should exercise appropriate standards of professional ethics when using them.

- A high level of technical support.

Unfortunately, it will be impossible for us to answer all your problems immediately, as we have very limited resources. We will of course make every effort to help and will provide you with a listing of known problems and difficulties on request.

The Museum of Human Disease page contains links to some excellent undergraduate and postgraduate educational resources, of which we would encourage you to make full use.

See https://www.unsw.edu.au/medicine-health/disease-museum

Museum of Human Disease

The Museum of Human Disease is located on the ground floor of the Samuels Building. Students in PATH3206 will be able to access the Museum on Mondays – Fridays between 10am and 4pm. Please let the Museum staff know you are a student in PATH3206 when you enter. An induction is required, but all students should have received an induction during the first practical class of PATH2201. If you did not receive an induction, please speak to the Museum staff before entering.

BEST Network

The Best Network is a network of universities developing and sharing image-based resources for education and assessment including images of macroscopic and microscopic specimens (from the Museum of Human Disease at UNSW). Students in PATH3206 can access the Best Network resources via http://www.best.edu.au/

Additional Learning Resources

In addition, there are many resources available on the web, which vary from simple patient information brochures to online pathology courses, to information on the latest research. Some general sites you may find useful are:

- Medline Plus ('health topics' index of disease with information) http://www.nlm.nih.gov/medlineplus/healthtopics.html

- The Cancer Council New South Wales https://www.cancercouncil.com.au/
- The NSW Cancer Institute http://www.cancerinstitute.org.au/
- National Cancer Institute (USA) http://www.cancer.gov/

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	Cristan Herbert		WW Level 4 (east) Room 420	9385 8679	Email for an appointment	Yes	Yes
	Sophia Champion		Wallace Wurth Level 2	via MS Teams	Email for an appointment	No	No
	Andrew Dubovyi		Wallace Wurth Level 2	via MS Teams	Email for an appointment	No	No
Lecturer	Chaturaka Rodrigo		Wallace Wurth	MS Teams	Email for appointment	No	No
	Karim Burkhardt		Wallace Wurth	MS Teams	Email for appointment	No	No
	Martin Weber		Wallace Wurth	MS Teams	Email for appointment	No	No
	Annmarie Bosco		UNSW	MS Teams	Email	No	No
	Zaklina Kovacevic		UNSW	MS Teams	Email	No	No
	Kristina Warton		UNSW	MS Teams	Email	No	No
	David Croucher		Garvan Instituate of Medical Research	MS Teams	Email	No	No
	Mark Cowely		UNSW	MS Teams	Email	No	No
	Thomas Cox		Garvan Institute of Medical Research	MS Teams	Email	No	No
	Bernard Stewart		UNSW	MS Teams	Email	No	No
	Gary Velan		UNSW	MS Teams	Email	No	No
	Nigel Turner		Victor Chang Cardiac Research Institute	MS Teams	Email	No	No
	Phoebe Phillips		UNSW	MS Teams	Email	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 your assessment tasks. Options for the use of generative AI include: (1) no assistance; (2) simple editing assistance; (3) planning assistance; and (4) full assistance with attribution.

You may be required to submit the original generative AI responses, or drafts of your original work. Inappropriate use of generative AI is considered academic misconduct.

See your course Moodle (or Open Learning) page for the full instructions for individual assessment tasks for your course.

Submission of Assessment Tasks

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.

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

Examinations

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

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.

Recording of lectures, tutorials and other teaching activities (MSc. HDS only)

Lectures, tutorials and other teaching activities may be recorded. Students should be advised that they are consenting to the recording by their enrolment in the course or participation in the activity. The purpose of audio and video recordings is to enhance the student experience by supporting engaged learning in an online teaching environment and ensure equitable access to all course resources for our students. If you have concerns about accessing course recordings, or being recorded, please contact the Course Convenor.

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)

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