UNSW Course Outline

PATH2201 Processes in Disease - 2024

Published on the 30 Aug 2024

General Course Information

Course Code : PATH2201
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

<u>Useful Links</u>

<u>Handbook</u> <u>Class Timetable</u>

Course Details & Outcomes

Course Description

PATH2201 Processes in Disease has been developed to provide you with a broad understanding of the pathological basis of human disease, through study of the fundamental causes of disease at a macroscopic, microscopic and molecular level.

The general purpose of the course is to introduce you to the scientific approach to the study of disease. Comparisons between normal and abnormal cell, tissue and organ function will be made. The course includes processes of cell and tissue degeneration, acute and chronic inflammation, regeneration and repair, atherosclerosis, thrombosis, embolism and infarction. Particular examples include diseases of practical importance such as pneumonia, tuberculosis, pulmonary embolism and myocardial infarction. Aberrations of cell growth introduces neoplasia with examples of common tumours.

Course Aims

The aims of the course are to:

1.   Understand the pathological processes that underlie common human diseases.

2.   Integrate and build on students' knowledge of anatomy (normal structure at a gross level), histology (normal structure at a microscopic level) and physiology (normal function), by comparing normal structure and function with abnormalities caused by disease.

3.   Introduce students to the terminology of pathology, in order to facilitate communication in future health-related education, research or clinical practice.

4.   Provide a basis for understanding and interpretation of clinical scenarios students may encounter in future practice/studies.

5.   Guide and improve students' ability to utilise appropriately the medical literature.

Relationship to Other Courses

PATH2201 is a core Stage 2 course for students enrolled in the Bachelor of Medical Science and is an elective for students enrolled in other science programs, such as Bachelor of Science or Advanced Science. PATH2201 draws on concepts and knowledge acquired from other Medical Science and Biological Science courses, including Anatomy, Histology, Physiology, Biochemistry, Molecular Biology and Immunology, in order to explore the pathological processes of aberrations that lead to disease. PATH2201 is also a pre-requisite for most Stage 3 Pathology courses.

Differences between PATH2201 and PATH2202

PATH2201 and PATH2202 have common lectures and some online modules. The key difference

between the courses is the structure of the weekly practical sessions.

- **PATH2201** students attend weekly practical classes that include Histopathology and Macroscopic Pathology.
- **PATH2202** students attend a weekly Clinicopathological Correlation Session, which includes Museum specimens (with limited histology), but with more emphasis on the clinical setting of the disease and relevance to Exercise Physiology. PATH2202 is being discontinued as a separate course in 2023. After this time, students who must complete PATH2202 as part of their program will be able to attend activities in PATH2201 (assessment content will be tailored to match the PATH2202 learning objectives)

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 the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.
CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.
CLO3 : Apply knowledge of pathological processes to common examples of specific human diseases, including: a) Acute appendicitis b) Pneumonia c) Tuberculosis d) Peptic ulcer disease e) Atherosclerosis f) Thromboembolism g) Myocardial infarction h) Cerebral infarction i) Colorectal carcinoma j) Breast carcinoma.
CLO4 : Critically evaluate the role of scientific literature in medical/scientific research and education and be able to utilise appropriately and cite scientific literature.
CLO5 : Demonstrate professional skills including reflective practice and giving and responding to feedback

Course Learning Outcomes	Assessment Item
CLO1 : Describe the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.	• Online quizzes • Mid-term test • Pathology assignment • End-of-course exam
CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.	• Online quizzes • Mid-term test • Pathology assignment • End-of-course exam
CLO3 : Apply knowledge of pathological processes to common examples of specific human diseases, including: a) Acute appendicitis b) Pneumonia c) Tuberculosis d) Peptic ulcer disease e) Atherosclerosis f) Thromboembolism g) Myocardial infarction h) Cerebral infarction i) Colorectal carcinoma j) Breast carcinoma.	• Online quizzes • Mid-term test • End-of-course exam
CLO4 : Critically evaluate the role of scientific literature in medical/scientific research and education and be able to utilise appropriately and cite scientific literature.	• Pathology assignment
CLO5 : Demonstrate professional skills including reflective practice and giving and responding to feedback	• Pathology assignment

Learning and Teaching Technologies

Moodle - Learning Management System | Microsoft Teams

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

Online learning

Lectures in PATH2201 will be delivered fully online. Tutorial classes and seminars will be in-person on campus. Students will have the option to attend in-person or online practical classes (on alternating weeks from week 2 onwards). A consistent approach will be applied to each of the 4 major topics (acute inflammation, healing & chronic inflammation, vascular disease and neoplasia) addressed during the course. Each topic will commence with an online overview lecture to provide key information and learning objectives. Specific examples relating to each topic will be provided via a series of interactive online modules which include animations and highlights as well as review quizzes with feedback. Tutorial and practical classes will be used to provide examples and to reinforce important concepts. Each topic will conclude with an in-person, interactive, session focussed on integration of the topic content (Integration/Feedback session).

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Online quizzes Assessment Format: Individual	15%	Start Date: Various (see detailed assessment description) Due Date: Various (see detailed assessment description)
Mid-term test Assessment Format: Individual	20%	Start Date: 08/10/2024 09:00 AM Due Date: 08/10/2024 11:15 AM Post Date: 22/10/2024 11:00 AM
Pathology assignment Assessment Format: Individual Short Extension: Yes (2 days)	20%	Start Date: Not Applicable Due Date: 01/11/2024 05:00 PM Post Date: 15/11/2024 05:00 PM
End-of-course exam Assessment Format: Individual	45%	Start Date: UNSW exam period Due Date: UNSW exam period Post Date: 12/12/2024 12:00 PM

Assessment Details
Online quizzes

Assessment Overview

During the term, you will will complete short online quizzes at the end of each online module. Quizzes can be attempted multiple times and the highest score achieved **before the Integration/ Feedback session for the current topic** will be recorded.

Feedback:

You will receive feedback at the completion of each online module quiz. Additional specific feedback will be provided by the lecturer during the relevant in-class Integration/Feedback session.

Course Learning Outcomes

- CLO1 : Describe the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.
- CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.
- CLO3 : Apply knowledge of pathological processes to common examples of specific human diseases, including: a) Acute appendicitis b) Pneumonia c) Tuberculosis d) Peptic ulcer disease e) Atherosclerosis f) Thromboembolism g) Myocardial infarction h) Cerebral infarction i) Colorectal carcinoma j) Breast carcinoma.

Detailed Assessment Description

Online modules relating to each topic will be made available for self-directed learning as outlined below and each module includes a short review quiz. Students must achieve a score of at least 80% in the review quiz for the module to be considered complete, but each quiz can be attempted multiple times. Students must complete the online modules before the relevant Integration/Feedback session, and the best score achieved in the review quizzes BEFORE THE REQUIRED COMPLETION DATE (see below) will contribute to the overall course mark. Quiz scores submitted after the completion date will not contribute to the overall course mark.

List of online modules:

Week 1 (Introduction):

Module title: Introduction to immune responses (1-3).

Required completion: 13th September 5pm.

Weeks 2/3 (Acute inflammation):

Module title: Appendicitis (1-3); Pneumonia (1-3).

Required completion: 27th September 5pm.

Weeks 4/5 (Healing and chronic inflammation):

Module title: Healing (1-4); Peptic ulcer disease (1); Tuberculosis (1-3).

Required completion: 11th October 5pm.

Weeks 7/8 (Vascular diseases):

Module title: Thrombosis, embolism & infarction (1-3); Atherosclerosis (1-3).

Required completion: 1st November 5pm.

Week 9/10 (Neoplasia):

Module title: Disturbances of growth (1-2); Colorectal carcinoma (1); Breast carcinoma (1).

Required completion: 15th November 5pm.

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

Assessment Length

Each quiz takes approximately 3 minutes

Submission notes

Refer to Moodle for submission information.

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

Assignment submission Turnitin type

Not Applicable

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.

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:

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

Course Learning Outcomes

- CLO1 : Describe the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.
- CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.
- CLO3 : Apply knowledge of pathological processes to common examples of specific human diseases, including: a) Acute appendicitis b) Pneumonia c) Tuberculosis d) Peptic ulcer disease e) Atherosclerosis f) Thromboembolism g) Myocardial infarction h) Cerebral infarction i) Colorectal carcinoma j) Breast carcinoma.

Detailed Assessment Description

The test will consist of 10 multiple choice questions (1 mark each) and 1 short-answer question with multiple sub-parts (20 marks) on any of the content from lectures, online modules, practicals, tutorials and seminars from weeks 1-3 inclusive. This test will be an invigilated, on-

campus test via Inspera using the Safe Exam Browser (SEB). Detailed information about this assessment will be provided on the course Moodle page.

Assessment Length

60 minutes + reading time

Submission notes

Refer to Moodle for submission information.

Assessment information

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

Assignment submission Turnitin type

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

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.

Pathology assignment

Assessment Overview

The Pathology assignment assesses awareness of pathological processes, the roles of scientific literature in medical/scientific research and education, and the ability to utilise and cite scientific literature at an academic standard. Reflective practice will also be assessed.

You will choose a disease of interest that is relevant to one of the pathological processes studied in this course:

- acute inflammation
- chronic inflammation
- atherosclerosis, thrombosis, embolism & infarction (vascular disease)
- disordered growth (including neoplasia)

You will prepare a patient information leaflet that outlines key information about the selected disease including causes/risk factors, pathogenesis, signs/symptoms, diagnosis/treatment and

outcomes/complications. The leaflet should utilise and cite appropriate medical/scientific literature at an an academic standard. You will also undertake a critical evaluation of the work submitted by one of your peers.

The task will involve a developmental process, with an outline due early in the term, a draft for peer-review due mid-term and the completed task (with reflection) due towards the end of the term.

Feedback:

You will receive general feedback on your outline during a tutorial, and structured peer-feedback on your draft. Marks and individual feedback will be provided within 10 working days.

Course Learning Outcomes

- CLO1 : Describe the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.
- CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.
- CLO4 : Critically evaluate the role of scientific literature in medical/scientific research and education and be able to utilise appropriately and cite scientific literature.
- CLO5 : Demonstrate professional skills including reflective practice and giving and responding to feedback

Detailed Assessment Description

The leaflet will be an A4 trifold page (6 columns), with approximately 500 words (needs to be clear and concise). In addition, students will provide a written reflection (approximately 200 words) on an aspect of the task that was challenging, or response to peer feedback on the assignment draft, and a critical evaluation of the sources of information used.

A task brief and marking rubric will be made available on Moodle.

Assignment submission

The Pathology Assignment is to be submitted electronically as a Word file or PDF file via Moodle (it must not be a Canva-generated file). This will be subjected to a check for plagiarism and the use of generative AI using Turnitin software. Submissions must be made by 5pm on the due date.

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

Students may apply for a short extension (2 days) on the final submission of this assignment. Short extensions do not apply to any tasks that require submission prior to the final due date (eg outline, draft for peer review etc).

<u>Assessment Length</u>

500 words (leaflet) + 200 words (reflection) + evaluation of sources

<u>Submission notes</u>

Refer to Moodle for submission information.

<u>Assessment information</u>

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

<u>Assignment submission Turnitin type</u>

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

<u>Generative AI Permission Level</u>

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.

End-of-course exam

<u>Assessment Overview</u>

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:

Marks will be provided on the official UNSW release of results date.

Course Learning Outcomes

- CLO1 : Describe the causes, pathogenic mechanisms, macroscopic and microscopic appearances and clinical consequences of common diseases affecting humans.
- CLO2 : Explain the causes, mechanisms and consequences of the following pathological processes: a) Acute inflammation b) Healing and chronic inflammation c) Vascular disease d) Neoplasia.
- CLO3 : Apply knowledge of pathological processes to common examples of specific human diseases, including: a) Acute appendicitis b) Pneumonia c) Tuberculosis d) Peptic ulcer disease e) Atherosclerosis f) Thromboembolism g) Myocardial infarction h) Cerebral infarction i) Colorectal carcinoma j) Breast carcinoma.

Detailed Assessment Description

The exam will consist of 20 multiple choice questions (1 mark each) and 4 short-answer question with multiple sub-parts (20 marks each) on any of the content from lectures, online modules, practicals, tutorials and seminars from weeks 1-10 inclusive. The exam will be an invigilated, on-campus assessment via the Inspera platform using the Safe Exam Browser (SEB). See Moodle for further details.

The exam will take place during the T3 exam period: 22nd November - 5th December.

Assessment Length

2 hours + 15 minutes reading time

Submission notes

Refer to Moodle for submission information.

Assessment information

See Moodle

Assignment submission Turnitin type

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

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

Assessment criteria and standards

Practice (formative) exam questions will be made available to you via Moodle, as well as during the some of the tutorial classes.

Additional details regarding the Pathology assignment will be provided via an online Scientific Writing Literacy lecture early in the course, and also on the course Moodle page. A detailed marking rubric for the assignment will be provided to you via the course Moodle page.

Detailed instructions regarding assessments for this course are provided 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.

Further information

UNSW grading system: https://student.unsw.edu.au/grades

UNSW assessment policy: https://student.unsw.edu.au/assessment

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	• Concepts and classification of disease (Prof. Gary Velan) • Responses to injury (A/Prof. Cristan Herbert)
	Module	• Introduction to immune responses (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology I: Introduction
	Tutorial	• Classification of disease/Response to injury (+ Formative Quiz 1)
Week 2 : 16 September - 22 September	Lecture	• Overview lecture: Acute inflammation (Prof. Gary Velan)
	Module	• Appendicitis (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology: Acute inflammation (Group A - In-person)
	Tutorial	• Tutorial 2: Acute inflammation I: Acute appendicitis
Week 3 : 23 September - 29 September	Module	• Pneumonia (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology: Acute inflammation (Group B - Online) Note: This is an online version (repeat) of the practical class from the previous week.
	Tutorial	• Tutorial 3: Acute inflammation II: Pneumonia (+ Formative Quiz 2)
	Seminar	• Integration/Feedback session: Acute inflammation (Prof. Gary Velan)
Week 4 : 30 September - 6 October	Lecture	• Overview lecture: Healing and chronic inflammation (A/Prof. Cristan Herbert)
	Module	• Healing (Modules 1-4) • Peptic ulcer disease (Module 1)
	Laboratory	• Histopathology and Macroscopic pathology: Chronic inflammation I (Group A - In person)
	Tutorial	• Tutorial 4: Chronic inflammation I: Peptic ulceration
Week 5 : 7 October - 13 October	Assessment	• MID-TERM TEST (Covering weeks 1-3 inclusive)
	Module	• Tuberculosis (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology: Chronic inflammation (Group B - Online) Note: This is an online version (repeat) of the practical class from the previous week.
	Tutorial	• Tutorial 5: Chronic inflammation II: Tuberculosis (+ Formative Quiz 3)
	Seminar	• Integration/Feedback session:Healing and chronic inflammation (A/Prof. Cristan Herbert)
Week 6 : 14 October - 20 October	Other	Flexibility week (no classes scheduled)
Week 7 : 21 October - 27 October	Lecture	• Overview lecture: Thrombosis, embolism and infarction (Dr Martin Weber)
	Module	• Thombosis and embolism (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology: Thrombosis, embolism & infarction (Group A - In person)
	Tutorial	• Tutorial 6: Thrombosis, embolism & infarction I: Deep vein thrombosis
Week 8 : 28 October - 3 November	Module	• Atherosclerosis (Modules 1-3)
	Laboratory	• Histopathology and Macroscopic pathology: Thrombosis, embolism & infarction (Group B - Online) Note: This is an online version (repeat) of the practical class from the previous week.
	Tutorial	• Tutorial 7: Thrombosis, embolism & infarction II: Atherosclerosis and myocardial infarction (Formative Quiz 4)
	Seminar	• Integration/Feedback session: Thrombosis, embolism, and infarction (Dr Martin Weber)
Week 9 : 4 November - 10 November	Lecture	• Overview lecture: Neoplasia (Dr Andrew Dubovyi)
	Module	• Distrubances of Growth (Modules 1-2) • Common malignant tumours (Module 1)
	Laboratory	• Histopathology and Macroscopic pathology: Disorders of growth (Group A - In person)
	Tutorial	• Tutorial 8: Disorders of growth I: Colonic masses
Week 10 : 11 November - 17 November	Laboratory	• Histopathology and Macroscopic pathology: Disorders of growth (Group B - Online) Note: This is an online version (repeat) of the practical class from the previous week.

Module	• Common malignant tumours (Breast carcinoma)
Tutorial	• Tutorial 9: Disorders of growth II: Breast lumps (+ Formative Quiz 5)
Seminar	• Integration/Feedback session: Neoplasia (Dr Andrew Dubovyi)

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.

Students are reminded that UNSW recommends that a 6 units-of-credit course should involve about 150 hours of study and learning activities. The formal learning
activities total approximately 50 hours throughout the term and students are expected (and strongly recommended) to do at least the same number of hours of additional study.

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

Students are required to complete the online modules related to each topic before the end of the topic. In addition, students are expected to prepare for tutorial classes by attempting the learning objectives outlined in the course manual and to actively contribute to discussions during tutorial and practical classes.

All Students will attend an in-person practical session in week 1 (including a Museum induction). From week 2 onwards, students will attend a 3-hour practical class every 2nd week (selected during your enrolment/class registration). Students in Group A will attend an in-person practical class in weeks 2, 4, 7 and 9. Students in Group B will attend an online practical class in weeks 3, 5, 8 and 10. The online class will be recorded and all students (both Groups A and B) will have access to the recording.

Course Resources

Prescribed Resources

Textbook

It is recommended that you acquire the following text: Robbins and Kumar Basic Pathology, 11th Ed. Kumar, Abbas Aster, Deyrup & Das (2023). Elsevier. The print copy can be purchased from the

UNSW bookshop and the digital version can be purchased via the link below:

- Digital version
- Print version

You can also access the full-text as an e-book via the UNSW library or via UNSW Clinical Key Student (select "Login via your institution")

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 made 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 PATH2201 Student Manual will be provided online, which 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

Recommended internet sites

"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). An interactive Images of Disease (IOD) app for iPhone and iPad is available to download from: https://itunes.apple.com/au/app/images-of-disease/id756150891?ls=1&mt=8.

You need to install the app on your device via the relevant link above. You can then unlock the full version of the app by tapping on the login button at the bottom of the screen, then entering your zID and zPass.

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:

- Centre for Disease Control (see especially 'health topics A-Z') http://www.cdc.gov/
- University of Utah (tutorials and images on many of the topics covered) http://library.med.utah.edu/WebPath/webpath.html
- Medline Plus ('health topics' index of diseases with information) http://www.nlm.nih.gov/medlineplus/healthtopics.html

Computer laboratories and study spaces

Students will be able to access laboratories or study spaces on campus and within the Wallace Wurth Building.

Museum of Human Disease

Before you can attend in-person practical lessons or visit the Museum of Human Disease, you must first attend an induction. A museum induction will occur during the first practical class. Any student who does not attend this induction will not be permitted to participate in the practical classes or access the museum and will need to contact museum staff to schedule an induction at an alternate time.

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		Room 417 Wallace Wurth Level 4 east	02 9385 8679	Email for appointment	Yes	Yes
	Andrew Dubovyi		Wallace Wurth	MS Teams	Email for appointment	No	No
	Gabrielle van der Kraan		Wallace Wurth	MS Teams	Email for appointment	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)