
MEDI312: Fundamentals of Neuroscience

Subject Outline

6 credit points

Subject Information

Autumn, 2025, Wollongong
On Campus

On-Campus Delivery This subject is delivered in-person and includes on-campus or other location-based learning activities that cannot be undertaken by students studying Online/Distance. Students unable to attend campus or any other nominated physical delivery location should not enrol in this subject

Students will be exposed to human cadaveric specimens during teaching, learning and assessments in this subject. Students with a medical history of immunosuppression, who are pregnant or believe that a relative or family friend has donated their remains to the laboratory, need to directly contact the subject co-ordinator regarding subject enrolment advice.

The University of Wollongong has developed on-line videos and photos of cadavers donated to the University under the University of Wollongong Body Donation Program. The use of these videos and photos is restricted to University of Wollongong students who are enrolled in specific anatomy subjects, and is for education purposes only. YOU ARE NOT PERMITTED TO COPY, PUBLISH, DISTRIBUTE, SHARE OR USE THESE PHOTOS OR VIDEOS FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION BY THE UNIVERSITY OF WOLLONGONG.

Subjects with a delivery mode of On Campus and/or Flexible with International Student enrolments will be delivered in accordance with the ESOS National Code. That is, online learning experiences (such as lectures, tuition, and resources) will be supplementary to in-person learning experiences such as scheduled classes and/or scheduled contact hours.

UOW may need to change teaching locations, teaching delivery and/or assessment delivery at short notice to ensure the safety and well-being of students and staff in response to the COVID-19 pandemic or other public health requirements.

The Faculty of Science, Medicine and Health

The Faculty of Science, Medicine and Health offers a range of undergraduate and postgraduate programs designed to meet the needs of a diverse student population. We carry out world-leading research which is strongly aligned with our teaching program

As a student of our faculty, you will be actively engaged in learning with extensive clinical experiences, use of advanced educational technologies and opportunities for enriching work experience. More information about the Faculty of Science, Medicine and Health and our School is available on our web pages:

<https://www.uow.edu.au/science-medicine-health/>

Teaching Staff

Teaching Role	Name	Email	Consultation Times
Coordinator	Dr Jessica Nealon	jnealon@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Dr Samara Walpole	samara@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Professor Kelly Newell	knewell@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Distinguished Professor Xu-Feng Huang	xhuang@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Dr Peng Zheng	pzheng@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Dr Jeremy Lum	jlum@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)
Lecturer	Professor Mirella Dottori	mdottori@uow.edu.au	Monday 07:00 - 07:00 (Please email for an appointment)

Expectations of Students

UOW values are intellectual openness, excellence and dedication, empowerment and academic freedom, mutual respect and diversity, recognition and performance. We will provide a safe, equitable and orderly environment for the University community, and expect each member of our community to behave responsibly and ethically ([Student Conduct Rules](#)).

We expect that students demonstrate these values and professional behaviour, both face to face and online, making genuine efforts to complete their studies successfully, arriving on time to class, taking part constructively in class discussions and activities, demonstrating appropriate professional and ethical conduct in all communication with UOW staff and community members, and submitting assignments on time (or completing a request for Academic Consideration in advance if needed).

Guiding Communication Principles for Students

Moodle Announcements will be the primary platform for communication of general information to students

- Students should ensure they regularly check the main announcements forum at the top of each subject's Moodle site. Information distributed via a Moodle Announcement MAY not be duplicated on any other forum on the Moodle site.
- Moodle Discussion forums pertinent to specific assignments will be used but will not replace or be used for overarching subject announcements.
 - Assignment discussion forums for specific assignments will be clearly labelled in the forum description to identify the purpose of the forum (e.g. 'Please ask any questions you have about Assessment Task 1 in this discussion forum') - students should check and ask any assignment questions on these forums and not through email.
 - The Moodle assignment discussion forums should always be used in the first instance when inquiring about assessment tasks.
- It is the student's responsibility to check all subject Moodle sites regularly for information and notifications.

SOLS messages will be used for all central communication relating to the following:

- Administrative matters relating to student enrolment
- Critical information relating to course or subject, e.g. Changes to assignments, policy updates, class cancellations or changes
- Timetable information
- Security and emergency information
- Students are encouraged to check SOLS messages daily as these messages are often of high priority

SOLS and Moodle announcements can NOT be responded to.

Email

- Communication to UOW staff by students should only be via a UOW email account
- In relation to assessment questions, Moodle assignment forums should be used rather than email.

Remember to use the same principles when communicating online as you would face-to-face. Be clear and respectful and communicate with the same consideration you would expect from others.

Related Policies

- Online and email etiquette <https://tr.uow.edu.au/uow/file/976ffde2-b892-42cf-b20b-5c7a65bc08cc/1/Overview%20of%20Online%20and%20Email%20Etiquette.pdf>
- Using UOWmail <https://www.uow.edu.au/student/support-services/academic-skills/>
- Inclusive language guideline <https://policies.uow.edu.au/document/view-current.php?id=239>
- The Student Charter <https://www.uow.edu.au/student/charter/>

Appropriate Online Behaviour

The University is committed to providing a safe, respectful, equitable and orderly environment for the University community, and expects each member of that community to behave responsibly and ethically. Students must comply with the University's [Student Conduct Rules](#) and related policies including the [IT Acceptable Use Policy](#) and [Bullying Prevention Policy](#), whether undertaking their studies face-to-face, online.

For more information on appropriate communication and etiquette in the online environment please refer to the guide [Online and Email Etiquette](#).

Related Policies

Using UOWmail <https://www.uow.edu.au/student/support-services/academic-skills/>

Inclusive language guideline <https://policies.uow.edu.au/document/view-current.php?id=239>

Copyright

Commonwealth of Australia

Copyright Regulations 1969

© 2025 University of Wollongong

The original material prepared for this guide is covered by copyright. Apart from fair dealing for the purposes of private study, research, criticism or review, as permitted under the Copyright Act, no part may be reproduced by any process without written permission.

Hardcopies of this document are considered uncontrolled please refer to your Moodle site for the latest version.

Table of Contents

Section A: General Information	7
Learning Outcomes	7
Subject Learning Outcomes	7
Subject Description	7
Course Handbook	7
Subject Details: Practical Activities, eLearning, Readings and Materials	7
Subject eLearning	7
Safety Guidelines	7
EMBEDDED Work Integrated Learning	8
Additional Subject Details	8
Using Generative Artificial Intelligence (GenAI)	8
Major Text(s)	8
Recommended Readings and Other Resources	9
Additional Materials	9
Lectures, Tutorials and Attendance Requirements	9
Lecture Times *	9
Lecture Program *	9
Additional Lecture Comments	10
Recording of Teaching and Learning Activities	11
Your Privacy - Recording of Teaching and Learning	11
Tutorial/Seminar/Workshop Times	11
Tutorial/Seminar/Workshop Program	12
Recent Improvements to Subject	12
Extraordinary Changes to the Subject Outline	12
Learning Analytics	12
Section B: Assessment	13
Assessment Summary	13
Minimum Requirements to Pass this Subject	15
Hurdle Assessment	15
UOW Grade Descriptors	15
Assessment Learning Outcome Matrix	16
Submission, Retention and Collection of Written Assessment	16
Extensions	16
Late Submission of Assessment Tasks and Penalties	16
Collection	17
Retention	17
Scaling	17
Supplementary Assessment	17
Review and Appeal of Academic Decisions	17
Assessment Quality Cycle	17
Academic Integrity	18
Referencing	18
Section C: General Advice for Students - Policies and Procedures	19
Student Services and Support	19
Student Support Coordinator (SSC)	19
Student Advocacy Service	19
AskUOW	19
Library Services	20
Academic Integrity Policy	20
Code of Practice - Research	20
Honours Policy	20
The Code of Practice - Work Integrated Learning (Professional Experience)	20
Copyright Policy	20
Course Progress Policy	20
Examination Rules and Procedures	20

Ethical Objection by Students to the Use of Animal and Animal Products in Coursework Subjects	21
Coursework Rules	21
Human Research Ethics	21
Inclusive Language Guidelines	21
Intellectual Property Policy.....	21
Review and Appeal of Academic Decisions Policy	21
Student Academic Consideration Policy.....	21
The Student Charter - Your Rights and Responsibilities	21
Student Assignment of Intellectual Property (IP) Policy	21
Student Conduct Rules.....	22
Teaching and Assessment: Assessment and Feedback Policy	22
Teaching and Assessment: Code of Practice - Teaching.....	22
Teaching and Assessment: Subject Delivery Policy	22
Workplace Health & Safety Policy	22

Section A: General Information

Learning Outcomes

Subject Learning Outcomes

On successful completion of this subject, students will be able to:

1. Identify and explain neural and associated structures and their neuroanatomical spatial relationships using preserved human brains, models, and imaging of the human brain
2. Evaluate and justify relevant disease pathology through the integration of the structural and functional organisation of the central nervous system and its vascular supply
3. Critically review and synthesise scientific information and communicate knowledge of neuroanatomical systems relevant to this subject via written and oral means to a variety of audiences
4. Demonstrate ability to collaborate effectively in a team and provide and evaluate constructive feedback from peers

Subject Description

This subject will provide students with an understanding of the anatomy and physiology of the central nervous system. Through lectures and laboratory sessions, students will learn about the development, structure, function and vascular supply of the cerebral cortex, brainstem and spinal cord, and how neuropathologies can impact these systems. Students will gain an in-depth understanding of the anatomical structures and connections that underpin complex higher order functions, memory perception, emotional regulation, sensory processing and motor control. Students will also undertake independent learning of an assigned neuropathology and demonstrate their ability to engage with the scientific literature and communicate this to various audiences. Students will be exposed to human cadaveric specimens during teaching, learning and assessments in this subject. Students with a medical history of immunosuppression, who are pregnant or believe that a relative or family friend has donated their remains to the laboratory, need to directly contact the subject co-ordinator regarding subject enrolment advice.

Course Handbook

Information about subject pre-requisites, co-requisites and restrictions as well as course completion requirements and Course Learning Outcomes can be found in the [Course Handbook](#).

Subject Details: Practical Activities, eLearning, Readings and Materials

Subject eLearning

The University uses the eLearning system Moodle to support all coursework subjects. The subject Moodle site can be accessed via your SOLS page.

Safety Guidelines

The rules below are general rules that are required when participating in labs or practical activities. Before commencing these activities you are to ensure that you understand specific procedures and policy related to safety.

- All first year students undertaking Chemistry (CHEM101/102/104/105) must complete the Moodle WHS Induction (see details below)
- Before commencing any activity you are to ensure that you understand specific procedures and policy related to the lab in which you work and safety in general.
- You may need to review a Risk Assessment and complete a Participant Acknowledgement form before commencing any experiments/practical work. These materials will be made available by the lab supervisor/Subject Coordinator.

- You must inform the Subject Coordinator of any medical conditions which may impact upon your ability to participate in these activities before commencing the practical.
- All Reasonable Adjustment cases (Access Plans) must be discussed with the Subject Coordinator prior to commencing the activity.
- Participation in the lab/practical/field/simulation activities may be denied to students who do not abide by these, and other conditions which may be specified by the Subject Coordinator.
- Never use any equipment or attempt any experiment without checking the safety implications with your laboratory supervisor or experienced delegated laboratory worker.
- Undergraduate students are not permitted to work after hours unless there is appropriate approval and supervision.

EMBEDDED Work Integrated Learning

This subject contains elements of 'Embedded WIL'. Students in this subject will experience activities that relate to or simulate professional practice as part of their learning.

Additional Subject Details

This subject aligns with the United Nations Sustainable Development Goals (SDGs) and is part of UOW's SDG Portfolio which aims to ensure that our students are well informed global citizens that can continue to contribute to realising sustainable development through their studies and careers by being proactive, responsible and educated in relation to how realising the Global Goals will better the world.

Using Generative Artificial Intelligence (GenAI)

GenAI technology (such as ChatGPT or Microsoft Co-pilot) is reshaping the University experience worldwide. UOW is committed to embracing GenAI as a tool to enhance learning experiences and develop vital work-readiness skills. However, misuse or use of GenAI in assessments where prohibited constitutes academic misconduct (as specified by [University Policy](#)).

It is important that students check if GenAI is permitted for each assessment task and how it is to be used and acknowledged. Please read the [student guidance](#) available on how to use GenAI ethically and critically, equally recognising its capabilities and limitations. For example:

1. **Generative AI is not a substitute for decision-making:** GenAI should complement, not replace, your critical thinking and decision-making skills.
2. **Output quality depends on prompts:** The quality of GenAI outputs is influenced by prompting. Poorly constructed or unclear prompts may generate outputs that are incorrect.
3. **Fact verification is essential:** GenAI outputs can be fabricated, presenting inaccurate information or contain harmful bias. Verify all GenAI outputs against reliable sources.
4. **Protect data and copyright:** Many GenAI technologies collect information in ways that breach privacy and data protection provisions, particularly where the source material is confidential or subject to copyright. Please check the Terms and Conditions of GenAI technologies and if unsure, contact [UOW Copyright Guidance](#). Learn more about how to access UOW secured GenAI tools [here](#).
5. **Transparency in use:** Where required, you must acknowledge GenAI use, including providing prompt histories and detailing how GenAI was utilised.
6. **Thoughtful and appropriate application:** Be mindful of when and how to use GenAI tools. Assess its appropriateness for each use, and refrain from use when not suitable.

If you have any questions, please contact your Subject Coordinator.

Major Text(s)

There are no 'prescribed' textbooks that students need to purchase for this subject. However, it is recommended that students have access to a Neuroscience textbook, several are listed in 'recommended readings' below. Several appropriate Neuroscience and Neuroanatomy texts are available as ebooks via the UoW Library. These have been added as eReadings, accessible via the library website and the MEDI312 eLearning space.

If there is a textbook available for purchase, you can find the details at University Bookshop <https://unishop.uow.edu.au/>

Recommended Readings and Other Resources

The following references are examples of suitable textbooks to support your learning in this subject

- Neuroscience: Exploring the Brain. Bear, Connors and Paradiso.
- Neuroscience. Dale Purves.
- Fundamental Neuroscience for Basic and Clinical Applications. Duane F. Haines.
- Neuroanatomy Through Clinical Cases. Hal Blumenfeld.
- Nolte's the Human Brain. An introduction to its functional Anatomy.

Recommended readings are not intended as an exhaustive list, students should use the Library catalogue and databases to locate additional resources.

This is not an exhaustive list of references. Students should also use the library catalogue and databases to locate additional resources.

Additional Materials

- Lab Gown – Please note a lab gown that can be worn in the UoW Anatomy Laboratory is required. This gown needs to be white and close at the back, not the front. These can be purchased at the bookshop.
- Anatomy gown wash bag. To meet the Australian and New Zealand standards, contaminated anatomy gowns need to be transported and washed in individual linen bags. These are available from the UoW Bookshop.
- Laboratory Manual - this will be available as a PDF on the Moodle site.
- Brainstorm – This neuroanatomy program can be purchased and accessed online at <https://www.best.edu.au/brainstorm/>.

Lectures, Tutorials and Attendance Requirements

Lecture Times *

UOW may need to change teaching locations, teaching delivery and/or assessment delivery at short notice to ensure the safety and well-being of students and staff in response to the COVID-19 pandemic or other public health requirements.

Up to date timetable and delivery information is located at <http://www.uow.edu.au/student/timetables/index.html>

You can access your personal timetable by logging into SOLS and selecting 'My Timetable'

Lecture Program *

Week	Commencing	Topics Covered	Readings
1	03 Mar 2025	Neurodevelopment Language of Neuroanatomy Comparative Anatomy	All materials are available on Moodle.
2	10 Mar 2025	Overview of External Brain Features Neurohistology	All materials are available on Moodle.

		Meninges, cerebrospinal fluid and the blood brain barrier	
3	17 Mar 2025	Cognition and Memory The Limbic System	All materials are available on Moodle.
4	24 Mar 2025	Diencephalon Anatomy The Hypothalamus: Stress Response The Hypothalamus: Appetite and Body Weight Regulation	All materials are available on Moodle.
5	31 Mar 2025	Brainstem Anatomy and Neurotransmitters The Maintenance of Consciousness and the Sleep/Wake Cycle	All materials are available on Moodle.
6	07 Apr 2025	Cranial Nerves and their Nuclei Spinal Cord Anatomy	All materials are available on Moodle.
7	14 Apr 2025	No Lectures.	
	21 Apr 2025	Mid-Session Recess	
8	28 Apr 2025	Somatosensory Systems Pain Modulation	All materials are available on Moodle.
9	05 May 2025	Motor Systems Pyramidal and Extrapyramidal Pathways	All materials are available on Moodle.
10	12 May 2025	Basal Ganglia Cerebellum	All materials are available on Moodle.
11	19 May 2025	Visual System	All materials are available on Moodle.
12	26 May 2025	Nervous System Vasculature Venous Drainage	All materials are available on Moodle.
13	02 Jun 2025	TBC	All materials are available on Moodle.
	09 Jun 2025	Study Recess	
	14 Jun 2025	Examinations	
	21 Jun 2025	Examinations	

* The above times and program may be subject to change. Students will be notified of any change via SOLS.

Additional Lecture Comments

The following are examples of the topics to be covered in this course. This is not an exhaustive list and will be subject to change.

- Neurodevelopment
- Neurohistology and neurophysiology
- Cognition and memory
- Cranial nerve anatomy and function
- Somatosensory and motor pathways
- Visual system processing
- Vascular supply and drainage
- Advanced human neuroanatomy

A Timetable of Topics will be available from the eLearning site in week 1 of session.

Recording of Teaching and Learning Activities

The University of Wollongong supports the recording of UOW educational content as a supplemental study tool, to provide students with equity of access, and as a technology-enriched learning strategy to enhance the student experience.

If you make your own recording of a lecture, class, seminar, workshop or any other educational session provided as part of your course of study you can only do so with the explicit permission of the lecturer and those people who are also being recorded.

You may only use educational content recorded through the delivery of subject or course content, whether they are your own or recorded by the university, for your own educational purposes. Recordings cannot be altered, shared or published on another platform, without permission of the University, and to do so may contravene the University's Copyright Policy, Privacy Policy, Intellectual Property Policy, IT Acceptable Use Policy and Student Conduct Rules. Unauthorised sharing of recordings may also involve a breach of law under the Copyright Act 1969.

Most lectures in this subject will be recorded, when they are scheduled in venues that are equipped with lecture recording technology and made available via the subject Moodle site within 48 hours.

Your Privacy - Recording of Teaching and Learning

In accordance with the Student Privacy & Disclosure Statement, and Lecture Recording Procedures when undertaking our normal teaching and learning activities, the University may collect your personal information. This collection may occur incidentally during the recording of lectures in equipped venues (i.e. when your identity can be ascertained by your image, voice or opinion), or via the delivery of online content therefore the University further advises students that:

- Lecture recordings are made available to students, university staff, and affiliates, securely via the Learning Platform;
- Recordings are made available only for the purpose for which they were recorded, for example, as a supplemental study tool or to support equity and access to educational resources;

If you have any concerns about the use or accuracy of your personal information collected in a lecture recording, you may approach your Subject Coordinator to discuss your particular circumstances.

The University is committed to ensuring your privacy is protected. If you have a concern about how your personal information is being used or managed, please refer to the University's Privacy Policy or consult our Privacy webpage <https://www.uow.edu.au/privacy/>

Tutorial/Seminar/Workshop Times

The Faculty uses the SMP Online Tutorial System and tutorial times and locations can be found at <https://www.uow.edu.au/student/timetables/index.html>. Please note that tutorial times on the timetable are provisional and may change.

Tutorial/Seminar/Workshop Program

Where the restrictions require temporary adjustments for delivery and tutorial/seminar/workshop arrangements, any necessary changes will be advised and provided by your Subject Coordinator. Please check Subject Moodle site regularly

Week	Week Commencing	Topics Covered
1	03 Mar 2025	No practical class.
2	10 Mar 2025	Introduction to the Central Nervous System
3	17 Mar 2025	Cerebral Cortex and Limbic System
4	24 Mar 2025	Subcortical Structures and Coronal Slices
5	31 Mar 2025	Brainstem Anatomy and Horizontal Slices
6	07 Apr 2025	Cranial Nerves and their Nuclei
7	14 Apr 2025	Mid-session exam (on campus)
	21 Apr 2025	Mid-Session Recess
8	28 Apr 2025	No practical class.
9	05 May 2025	Spinal Cord, Motor and Sensory Pathways and Sagittal Slices
10	12 May 2025	Basal Ganglia and Cerebellum
11	19 May 2025	No practical class.
12	26 May 2025	Special Senses, Vasculature and Venous Drainage
13	02 Jun 2025	Revision
	09 Jun 2025	Study Recess
	14 Jun 2025	Examinations
	21 Jun 2025	Examinations

The above program may be subject to change.

Recent Improvements to Subject

The Faculty of Science, Medicine and Health is committed to continual improvement in teaching and learning and takes into consideration student feedback from many sources including, direct student feedback to tutors and lecturers and responses to the Subject and Course Evaluation Surveys.

The subject learning outcomes, assessment structure and subject content have been revised and improved for the 2025 delivery based on student and academic feedback, and in response recent course reviews with the Medical Sciences discipline in MIHS.

Extraordinary Changes to the Subject Outline

In extraordinary circumstances the provisions stipulated in this Subject Outline may require amendment after the Subject Outline has been distributed. All students enrolled in the subject must be notified and have the opportunity to provide feedback in relation to the amendment, where practicable, prior to the amendment being finalised.

Learning Analytics

Learning Analytics data (such as student engagement with Moodle, access to recorded lectures, University Library usage, task marks, and use of SOLS) may be used by the Subject Coordinator and your faculty's Head of Students to assist in analysing student engagement, and to identify and recommend support to students who may be at risk of failure. If you have questions about the kinds of data the University uses, how we collect it, and how we protect your privacy in the use of this data, please refer to <https://www.uow.edu.au/privacy/>

Section B: Assessment

Assessment Summary

Assessment Item	Form of Assessment	%
Assessment 1	Lab/Prac/Simulation	0%
Assessment 2	Lab/Prac/Simulation	15%
Assessment 3	Exam	15%
Assessment 4	Project	35%
Assessment 5	Exam	35%
	TOTAL MARKS	100%

Please note: Copies of student work may be retained by the University in order to facilitate quality assurance of assessment processes.

A formative assessment activity (with written or verbal feedback) will be conducted before census date - please see [UOW Key Dates](#).

Assessment 1: Lab/Prac/Simulation - Pre-labs

Marking Criteria	Correct answers
Length	Various
Weighting	0%
Assessment Due	To Be Announced
Type of Collaboration	Individual assessment
Style and format	Online quizzes
Assessment submission	Online via Moodle
Assessment return	
Detailed information	Online pre-lab activities need to be successfully completed before 7:30am each Wednesday in weeks where an on campus practical class is scheduled. If they are not completed, you may not be allowed to participate in that week's class and you risk a technical fail being awarded.

Assessment 2: Lab/Prac/Simulation - Post-lab quizzes

Marking Criteria	Correct answers
Length	Information will be provided on the Moodle site.
Weighting	15%
Assessment Due	20 Mar 2025 (Thursday in Session Week 3) 03 Apr 2025 (Thursday in Session Week 5) 08 May 2025 (Thursday in Session Week 9) 29 May 2025 (Thursday in Session Week 12)
Type of Collaboration	Individual assessment
Style and format	Online quiz via Moodle.
Assessment submission	Online via Moodle
Assessment return	Within 15 working days
Detailed information	These quizzes will assess your knowledge of the content covered in two practicals per quiz. There will be a total of four quizzes, however the top three scores from these quizzes will contribute towards the 15% weighting.

Assessment 3: Exam - Mid-session exam

Marking Criteria	Correct Answers
Length	60 minutes
Weighting	15%
Assessment Due	14 Apr 2025 (In your assigned tutorial in Session Week 7)
Type of Collaboration	Individual assessment
Style and format	Multiple choice and short-answer questions covering all material from weeks 1-6.
Assessment submission	On campus, in your scheduled practical class.
Assessment return	Within 15 working days
Detailed information	

Assessment 4: Project - Major project

Marking Criteria	To be provided via the Moodle site.
Length	This assessment is divided into several parts. All details are provided on the Moodle site.
Weighting	35%
Assessment Due	29 Apr 2025 (Tuesday in Session Week 8) 13 May 2025 (Tuesday in Session Week 10) 27 May 2025 (Tuesday in Session Week 12) 03 Jun 2025 (Tuesday in Session Week 13) Final submission time: 5:00pm
Type of Collaboration	Group work
Style and format	This assessment has five tasks associated with it. Details will be available on the Moodle site. 1. Literature review (group task) 2. Peer review (individual task) 3. Revised submission of literature review based on peer review feedback (group task) 4. Visual Laypersons Summary (group task) 5. Peer evaluation (individual task)
Assessment submission	Online via Moodle This assessment has been set up to be checked by Turnitin, a tool which helps you check whether you have referenced correctly. You can submit your assessment task to Turnitin prior to the due date and Turnitin will give you an originality report. You may then make any changes that may be required and resubmit your final version by the due date.
Assessment return	Within 15 working days
Detailed information	Detailed information will be provided in separate document, available on the Moodle site.

Assessment 5: Exam - Final Exam

Marking Criteria	Correct answers
Length	Up to 2 hours
Weighting	35%
Assessment Due	The final exam will be held during the UOW exam period, and students should ensure they are available during this period. Students will receive a SOLSmail advising when full details of the delivery format, and date of the final exam are available in the SOLS Exam Timetable.
Type of Collaboration	Individual assessment
Style and format	Final Exam that will be held on campus in the Anatomy Laboratory.
Detailed information	Multiple choice and short-answer questions covering all material from the session, but weighted towards the content covered in weeks 8-13.

Minimum Requirements to Pass this Subject

To receive a clear pass in this subject a total mark of 50% or more must be achieved. In addition, failure to meet any of the minimum performance requirements is grounds for awarding a Technical Fail (TF) in the subject, even where total marks accumulated are greater than 50%.

The minimum performance requirements for this subject are:

- attempt all assessment tasks

Minimum Student Attendance and Participation

Student attendance at practicals is compulsory and students must attend all allocated on-campus practical classes. Absences will require the submission of an application for Academic Consideration via SOLS. For further details about applying for academic consideration visit the Student Central webpage:

<http://www.uow.edu.au/student/central/academicconsideration/index.html>

Hurdle Assessment

Subjects may include a hurdle assessment. A hurdle assessment is an assessment that requires a minimum level of performance as a condition for passing the subject. Examples include, achievement of a pass grade or above in a skills-based assessment or final examination. Hurdle assessments are applied to subjects to ensure students:

1. meet learning outcomes
2. demonstrate you can complete a task safely and/or meet professional standards.

For more on hurdle assessments see the Assessment and Feedback Policy [Section 8: Hurdle Assessments \(50-51-52\)](#).

Should this subject contain a hurdle assessment, it will be stated under the specific assessment in Section B: Assessments.

UOW Grade Descriptors

The UOW Grade Descriptors are general statements that communicate what our grades represent, in terms of standards of performance, and provide a frame of reference to ensure that assessment practice across the University is appropriate, consistent and fair. Grade Descriptors are expressed in general terms so that they are applicable to a broad range of disciplines. Grade Descriptors are available here

<https://www.uow.edu.au/student/exams/results/>. For more information on the UOW grade descriptors refer to the Teaching and Assessment: Assessment and Feedback Policy: [Teaching and Assessment: Assessment and Feedback Policy](#)

Assessment Learning Outcome Matrix

Learning Outcomes	Measures - Assessment weighting				
	Pre-labs	Post-lab quizzes	Mid-session exam	Major project	Final Exam
	(0%)	(15%)	(15%)	(35%)	(35%)
Identify and explain neural and associated structures and their neuroanatomical spatial relationships using preserved human brains, models, and imaging of the human brain	✓	✓			
Evaluate and justify relevant disease pathology through the integration of the structural and functional organisation of the central nervous system and its vascular supply		✓	✓	✓	✓
Critically review and synthesise scientific information and communicate knowledge of neuroanatomical systems relevant to this subject via written and oral means to a variety of audiences			✓	✓	✓
Demonstrate ability to collaborate effectively in a team and provide and evaluate constructive feedback from peers				✓	

Submission, Retention and Collection of Written Assessment

Assessed work must be handed in by the date and time listed under each assessment task. All assessment tasks must represent the enrolled student's own ORIGINAL work and must not have been previously submitted for assessment in any formal course of study.

Extensions

Students requesting an extension of time to submit an assessment task, deferred exam or exemption of a compulsory attendance requirement, must apply using Academic Consideration through SOLS. Students must apply before, or on the assessment/s due date and where evidence is required, students must provide evidence no later than three working days after the assessable item's due date for their request to be considered. **For information on the Academic Consideration Policy, eligibility requirements and how to apply, see: <https://www.uow.edu.au/student/admin/academic-consideration/>**

Late Submission of Assessment Tasks and Penalties

Assessed work must be submitted in by the date and time given. If an assessment is submitted late, it will be marked in the normal way, and a penalty will then be applied.

In the absence of an approved request for Academic Consideration in the form of an extension, assessment tasks must be submitted in line with the assessment instructions.

- An assessment task that is submitted late will receive a penalty of 5% of the total possible marks for each 24-hour period, or part thereof, that it is late.
- Work submitted after seven calendar days will not be marked and will be given a mark of 0.
- No assessment task can be handed in for a mark once the assessment task has been returned to students.
- Penalties accrue on each day that the assessment task is late, including Saturday, Sunday and public holidays

Note: Assessments must still be submitted to meet minimum performance requirements even though no mark is to be awarded.

Quiz Completion

Where there is a quiz component, any student who has not attempted and submitted a quiz within the specified timeframe will receive 0 (zero) marks for this assessment type. The quiz will not be reopened, and no alternative assessment will be set without extenuating circumstances and an approved academic consideration application. Late penalties do not apply to quizzes. If a student attempts a quiz but for technical issues is not able to submit the quiz, students must show evidence and apply for an academic consideration to sit a supplementary quiz.

Collection

Students will be notified when they can collect or view their marked assessment. In accordance with University Policy marked assessments will usually only be held for 21 days after the declaration of marks for that assessment.

Retention

The university may retain copies of student work in order to facilitate quality assurance of assessment processes, in support of the continuous improvement of assessment design, assessment marking and for the review of the subject. The University retains records of students' academic work in accordance with the University Records Management Policy and the State Records Act 1988 and uses these records in accordance with the University Privacy Policy and the Privacy and Personal Information Protection Act 1998.

Scaling

Marks awarded for any assessment task or part of any assessment task, including an examination may be subject to scaling at the end of the session. Marks will be scaled only when unpredictable circumstances occur and in order to ensure fairness of marking across groups of students. The method of scaling will depend on the type of scaling required by the circumstances. When scaling is deemed necessary, it will follow a detailed consideration by the Unit Assessment Committee and/or the Faculty Assessment Committee of the marks of the group of students concerned. Scaling will not affect any individual student's rank order within their cohort. For more information please refer to [Finalisation of Student Results Policy](#) for details.

Supplementary Assessment

Supplementary assessment may be offered to students whose performance in this subject is close to that required to pass the subject, and are otherwise identified as meriting an offer of a supplementary assessment. For information about eligibility criteria and the form and timing of supplementary assessments see the [Supplementary Assessment Procedure](#)

Review and Appeal of Academic Decisions

A student may request an explanation of a mark for an assessment task or a final grade for a subject consistent with the student's right to appropriate and useful feedback on their performance in an assessment task. A student may also seek further explanation for other academic decisions such as Academic Consideration, Supplementary Assessment or Credit for Prior Learning. If a student is not satisfied with the explanation, or have further concerns, they may have grounds for a formal review. For further information refer to [Review and Appeal of Academic Decisions Policy](#)

Assessment Quality Cycle

The UOW Assessment Quality Cycle provides a level of assurance that assessment practices across the University are appropriate, consistent and fair. Quality assurance activities are undertaken to support the continuous improvement of assessment and promote good practices in relation to assessment design, marking and review of the subject prior to subsequent delivery.

Academic Integrity

The University's Academic Integrity Policy, faculty handbook and subject guides clearly set out the University's expectation that students submit only their own original work for assessment and avoid plagiarising the work of others or cheating. Re-using any of your own work (either in part or in full) which you have submitted previously for assessment is not permitted without appropriate acknowledgement. Plagiarism can be detected and has led to students being expelled from the University.

The use by students of any website that provides access to essays or other assessment items (sometimes marketed as 'resources'), is extremely unwise. Students who provide an assessment item (or provide access to an assessment item) to others, either directly or indirectly (for example by uploading an assessment item to a website) are considered by the university to be intentionally or recklessly helping other students to cheat. Uploading an assessment task, subject outline or other course materials without express permission of the University is considered academic misconduct and students place themselves at risk of being expelled from the University.

Students should visit the following University website and become familiar with the University's policy on plagiarism [Academic Integrity Policy](#)

Referencing

The Author-Date (Harvard) referencing system should, unless otherwise specified for a particular assessment (check Details of Assessment Tasks), be utilised. A summary of the Harvard system can be accessed on the Library website at: <http://uow.libguides.com/refcite>

Section C: General Advice for Students - Policies and Procedures

Student Services and Support

There are a range of services available to students that are provided free of charge. A good place to get to know services that may be of use to you is the [Get Started @ UOW](#) or search for "Get Started @ UOW". Services available include:

Service	Link to information about the service
Aboriginal & Torres Strait Islander	https://www.uow.edu.au/about/services/woolyungah-indigenous-centre/about-us/
Careers advice	https://www.uow.edu.au/student/careers/
Counselling	https://www.uow.edu.au/student/support-services/counselling/
Student Accessibility and Inclusion (SAI)	https://www.uow.edu.au/student/support-services/sai/
Information Tech.	https://www.uow.edu.au/its/index.html?ssSourceSiteId=getstarted
Study Skills	https://www.uow.edu.au/student/support-services/academic-skills/

Student Support Coordinator (SSC)

If you have a temporary or ongoing issue or a problem that is affecting your study, including issues that are related to belonging to an equity group, then the Student Support Coordinators may be able to help. There are Student Support Coordinators available to assist students who are studying at all UOW Campuses and in all UOW Faculties. Contact details can be found on the UOW website: <https://www.uow.edu.au/student/support-services/coordinators/>

Student Advocacy Service

The Student Advocacy Service (SAS) is free, confidential and independent service for all UOW students. The SAS provides advocacy and referral for a range of academic, procedural and administrative issues. For more information visit: <https://www.uow.edu.au/student/support-services/advocacy/>

AskUOW

AskUOW is your primary administrative and information contact during your studies.

Our purpose is to ensure students have access to the information they need, at the time they need it. We can help with a wide range of enquiries, including key topics such as:

- Applying for [academic consideration](#)
- Fees and scholarships
- Official documentation and student letter requests
- Student forms such as course transfer and leave of absence applications
- Student ID card issuance and replacement
- Subject enrolment
- Transport concession cards and Opal cards
- Updating personal details

Get instant answers 24/7 online using [AskUOW](#). Log in with your UOW username and password.

For further support contact askuow@uow.edu.au or call on 1300 275 869 (1300 ASK UOW) or +61 2 4221 3927.

Library Services

Save yourself time and enhance your studies: connect with information specialists and resources anytime, anywhere.

- For Library support connect with [Live Chat](#) or [contact the Library](#).
- For self-help see [Frequently Asked Questions](#) or browse [Library guides](#) to find information, databases and skills tutorials.
- [Research consultations](#) are available to UOW Postgraduate, Honours and Deans Scholar students.

Academic Integrity Policy

Academic integrity involves upholding ethical standards in all aspects of academic work, including learning, teaching and research. It involves acting with the principles of honesty, fairness, trust and responsibility and requires respect for knowledge and its development. The Policy can be found at:

<https://policies.uow.edu.au/document/view-current.php?id=26>

Code of Practice - Research

This Code mandates the current policy and best practice relating to procedures for responsible research. The Code can be found at: <https://policies.uow.edu.au/document/view-current.php?id=11>

Honours Policy

This policy sets out the responsibilities of all parties involved in managing students undertaking Honours Programs. The Code can be found at: <https://policies.uow.edu.au/document/view-current.php?id=36>

The Code of Practice - Work Integrated Learning (Professional Experience)

The Code of Practice - Work Integrated Learning (Professional Experience) sets out what is expected from students, the University and Host Organisations in providing work integrated learning professional experience programs. It applies to professional experience programs that form the whole or part of a subject or course offered at the University. The Code assists in promoting a productive work integrated learning experience for students and in promoting relevant UOW Work Integrated Learning Design Principles.

<https://policies.uow.edu.au/document/view-current.php?id=12>

Copyright Policy

The purpose of this Policy is to outline responsibilities and procedures regarding the use of third party copyright material, with the objectives of reducing staff and UOW exposure to the risks associated with the use of third party copyright material, assisting staff to make full legal use of the materials at their disposal by clearly identifying responsibilities and promoting copyright compliance. The Policy can be found at:

<https://policies.uow.edu.au/document/view-current.php?id=135>

Course Progress Policy

The Course Progress Policy establishes the requirements, definitions and procedures to be used in determining the standards of acceptable course progress. The Policy can be found at:

<https://policies.uow.edu.au/document/view-current.php?id=30>

Examination Rules and Procedures

The UOW rules and procedures outline exam conditions, student conduct in exams, and the procedures for exam management. Further information can be found here: <https://www.uow.edu.au/student/exams/>

Ethical Objection by Students to the Use of Animal and Animal Products in Coursework Subjects

This policy provides a framework for recognition of and responses to students' ethical or religious objection to animal use in coursework subjects at the University of Wollongong. For the purpose of this policy, animal use includes killing of animals in experimental work, dissection of animals that are already dead, use of animal tissues, use of animal-derived products (such as sera). These uses are relevant to teaching and assessment. Further information about this policy can be found here: <https://policies.uow.edu.au/document/view-current.php?id=154>

Coursework Rules

The Coursework Rules (hereafter the Rules) govern the admission, enrolment, progression through, and qualification for a coursework award offered by the University. Further information can be found here: <https://policies.uow.edu.au/document/view-current.php?id=4>

Human Research Ethics

The Human Research Ethics Committee protects the welfare and rights of the participants in research activities. Further information can be found here: <https://www.uow.edu.au/research-and-innovation/researcher-support/ethics/human-ethics/>

Inclusive Language Guidelines

UOW endorses a policy of non-discriminatory language practice in all academic and administrative activities of the University. Further information is available from: <https://policies.uow.edu.au/document/view-current.php?id=239>

Intellectual Property Policy

UOW's IP Intellectual Property Policy provides guidance on the approach taken to Intellectual Property (IP), including its ownership, protection and exploitation. Further information about the management of IP is available at <https://policies.uow.edu.au/document/view-current.php?id=146>

Review and Appeal of Academic Decisions Policy

UOW aims to provide a transparent and consistent process for resolving a student concern about an academic decision that has affected their academic progress, including a mark or grade. Further information is available at: <https://policies.uow.edu.au/document/view-current.php?id=40>

Student Academic Consideration Policy

The purpose of the Student Academic Consideration Policy is to enable student requests for academic consideration for assessable components of a subject to be evaluated in a fair, reasonable, timely and consistent manner throughout the University. **For information on the Policy, eligibility and how to apply see:** <https://www.uow.edu.au/student/admin/academic-consideration/>

The Student Charter - Your Rights and Responsibilities

The Student Charter is based on principles that guide all members of the University and that promote responsible partnerships within and beyond the University community. <https://www.uow.edu.au/student/charter/>

Student Assignment of Intellectual Property (IP) Policy

This policy applies to all Students (under-graduate and post-graduate) of the University of Wollongong (UOW). It may also apply to other persons by agreement. This policy sets out the approach taken by UOW in relation to

Student assignment of intellectual property. Further information about this policy can be found here: <https://policies.uow.edu.au/document/view-current.php?id=146>

Student Conduct Rules

These Rules outline the required conduct of students of UOW, and direct staff and students to University Rules, standards, codes, policies, guidelines, procedures and other requirements which specify acceptable and unacceptable student conduct, and the management of alleged student misconduct. <https://policies.uow.edu.au/document/view-current.php?id=6>

Teaching and Assessment: Assessment and Feedback Policy

The purpose of this Policy is to set out the University of Wollongong's approach to effective learning, teaching and assessment, including the principles and minimum standards underlying teaching and assessment practice. The Policy can be found at: <https://policies.uow.edu.au/document/view-current.php?id=38>

Teaching and Assessment: Code of Practice - Teaching

This Code is a key document in implementing the University's Teaching and Assessment Policy and sets out the specific responsibilities of parties affected in relation to learning, teaching and assessment, as well as procedures for teaching staff. The Code can be found at: <https://policies.uow.edu.au/document/view-current.php?id=9>

Teaching and Assessment: Subject Delivery Policy

This Policy sets out specific requirements in relation to the delivery of Subjects. The policy can be found at: <https://policies.uow.edu.au/document/view-current.php?id=39>

Workplace Health & Safety Policy

The Workplace Health and Safety (WHS) unit at UOW aims to provide structures, system and support to ensure the health, safety and welfare of all at the campus. Further information is available from: <https://policies.uow.edu.au/document/view-current.php?id=177>