

# MEDI 7070 GENERAL SURGICAL AND CENTRAL NERVOUS SYSTEM PATHOLOGY

**Credit Points** 10

**Legacy Code** 401472

**Coordinator** Tristan Rutland ([https://directory.westernsydney.edu.au/search/name/Tristan Rutland/](https://directory.westernsydney.edu.au/search/name/Tristan%20Rutland/))

**Description** This subject uses a blended learning approach to introduce diagnostic entities in surgical pathology entities of neuropathology, cardiorespiratory pathology, genito-urinary pathology, salivary gland and endocrine pathology, skin and soft tissue pathology. The subject provides training in basic research skills, communication skills, and critical thinking. The self-directed online learning module is composed of digitalized images, practical notes, recorded lectures and quizzes on the diagnostic approach to important pathological entities of the central nervous system and spinal cord.

**School** Medicine

**Discipline** Pathology

**Student Contribution Band** HECS Band 2 10cp

**Level** Postgraduate Coursework Level 7 subject

**Equivalent Subjects** MEDI 7032 - Surgical Pathology 1

## Restrictions

Students must be enrolled in 4750 Masters of Medicine (Pathology) postgraduate program.

## Learning Outcomes

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

1. Examine diagnostic entities in surgical pathology in the subspecialties of neuropathology, cardiorespiratory pathology, genito-urinary pathology, salivary gland and endocrine pathology, skin and soft tissue pathology.
2. Examine ancillary techniques in the diagnosis and treatment of conditions within the subspecialties of neuropathology, cardiorespiratory pathology, genito-urinary pathology, salivary gland and endocrine pathology, skin and soft tissue pathology.
3. Analyse important common and uncommon disease entities in Neuropathology, including a number of non-neoplastic, benign and malignant diagnoses.
4. Define the resources needed and technical requirements to reach the correct diagnosis.
5. Produce a diagnostic case study report to the professional standard required of a pathologist.

## Subject Content

This subject covers the following organ systems:

Neuropathology  
 Cardiorespiratory system pathology  
 Genito-urinary tract pathology  
 Salivary gland pathology  
 Endocrine system pathology

Skin pathology

Soft tissue pathology

Students will be required to generate 10 case studies relevant to the above systems, which will include completing a review of the relevant literature, interpretation and application to diagnosis.

## Special Requirements

Legislative pre-requisites

Students need to meet the legislative requirements to be in a supervised specialist training role in Pathology, and hence be working clinically in a hospital/laboratory setting. If a student fails to meet these requirements they will not be allowed to enrol in the subject.

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/Group Task
Neuropathology Diagnostic Case Studies (Online tasks)	10 cases - 50-100 words each	50	Y	Individual
Practical exam - Surgical Pathology Microscopy and reporting (held during conference week)	2 hours	50	Y	Individual

Prescribed Texts

- Louis D.N., Ohgaki H., Wiestler O.D., Cavenee W.K. (Eds.): WHO Classification of Tumours of the Central Nervous System. IARC: Lyon 2007.

Teaching Periods

## 1st Half (2023)

### Online

#### Online

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View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MEDI7070\\_23-1H\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI7070_23-1H_ON_2#subjects))