

RADI 7022 PRACTICE OF OBSTETRIC AND GYNECOLOGICAL (O&G) SONOGRAPHY 4

Credit Points 10

Coordinator Catherine Robinson (<https://directory.westernsydney.edu.au/search/name/Catherine Robinson/>)

Description In this subject, students will polish their image acquisition, optimisation and measurement skills and learn to perform extended O&G examinations. They will learn to differentiate normal from abnormal anatomical and physiological features by appraising acquired images of fetal anomalies and female pelvic pathologies. Students will strengthen their professional communication skills and ethical attributes by exploring methods for dissemination information and providing high quality patient care. They will reflect on personal sonography practice to enhance clinical skills and plan for further professional development. The subject, which includes a work-integrated learning component, will confirm their professional skills, knowledge and attributes.

School Medicine

Discipline Radiography

Student Contribution Band HECS Band 2 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) RADI 7021 - Practice of OG Sonography 3

Co-requisite(s) RADI 7023 - Applied OG Sonography

Restrictions

Students must be enrolled in the 4802 Graduate Diploma in Obstetric and Gynecological Sonography.

Assumed Knowledge

Basic human anatomy, physiology and mathematics.

Learning Outcomes

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

1. Acquire high quality obstetric images to aid diagnosis of fetal anomalies and genetic disorders
2. Perform extended obstetric measurements for determining fetal wellbeing and growth patterns to support clinical decision making
3. Appraise acquired clinical images demonstrating pathologies of the female pelvis
4. Develop tailored reports to convey the significance of individualised O&G images and examination findings
5. Evaluate quality control processes essential for the ethical practice of O&G sonography
6. Consolidate evidence of acquired knowledge, skills and attributes to support continuing professional advancement

Subject Content

Module 1: Professional and Ethical Practice 4

1. Legal requirements for report writing and dissemination of information
2. Quality control processes for sonographers
3. Continuing professional development

Module 2: Specialty Knowledge and Imaging Skills 4A (Obstetrics)

1. Anomalies of the fetal brain
2. Anomalies of the fetal spine and limbs
3. Anomalies of the fetal face and neck
4. Congenital heart disease
5. Anomalies of the fetal thorax
6. Anomalies of the fetal abdomen and genitourinary tract
7. Fetal growth restriction
8. Disorders of multifetal pregnancies

Module 3: Specialty Knowledge and Imaging Skills 4B (Gynecology)

1. Endometriosis

Special Requirements

Legislative pre-requisites

Legislative requirements (such as a criminal record check) are not deemed necessary for students in the O&G ultrasonography course. For students who complete their clinical training in a NSW public hospital, the necessary legislative requirements will be part of their employment conditions. Clinical training for many of the students will be in a private setting, where the necessary requirements (which are likely to differ from public institutions) will be addressed as needed. Training for some students will occur in states other than NSW (where legislative requirements can be competed if, and when required).

Special Requirements - NSW Health Legislative Prerequisites Pre-requisites

Student Compliance Information for all Health-Related Placements

Prior to enrolling in this subject, students must have submitted a Student Undertaking Form and undertake to apply for a National Police Check, which is required to be submitted before placement, and a Working with Children Check Student Declaration. Use the link to the Special Requirements webpage below for more information.

To be eligible to enrol in this subject and complete any required health-related placements or experiences, students must meet Western Sydney University program requirements as well as any special, legislated, or policy-mandated requirements.

Western Program Requirements

Visit the Special Requirements webpage for details about your program.

Special Requirements (https://www.westernsydney.edu.au/currentstudents/current_students/enrolment/special_requirements/)

Mandatory NSW Health student placement policy requirements

To be able to undertake placement in any NSW Health facility you must be assessed as compliant with NSW Health student placement policy in the first year of your program, regardless of when you expect to go on your first placement. Access and read the NSW Student Compliance Information Booklet.

NSW Student Compliance Information Booklet (https://www.westernsydney.edu.au/placements_hub/placements_hub/student_compliance/)

Please ensure that you

1. Find your existing National Police Check or apply for one
2. Gather documentary evidence of your vaccination history

3. Print and complete all relevant NSW Health forms relevant to the campus you are enrolled at or online enrolment requirements
4. Follow booklet instructions on how to have your compliance documents assessed by NSW health staff.

International students have additional requirements; the link to the booklet will inform you of these requirements.

School Requirements

Contact your School for further details regarding your School's requirements, if any, such as

- If you live outside of NSW or Australia and need to meet your state, territory or country's compliance requirements
- If you need to meet different state, territory or country compliance requirements.
- NSW Working with Children Check (WWCC) or other state equivalent, valid for your entire program.
- Current approved first aid certificate valid for your entire program - approved program providers can be found at the Government Training website
- <http://training.gov.au> (<http://training.gov.au/>)
- Other non-health related requirements.

Student Compliance Resources are also available on the Placements Hub web page (NSW students only)

https://www.westernsydney.edu.au/learning_futures/home/placements_hub/placements_hub/student_compliance (https://www.westernsydney.edu.au/learning_futures/home/placements_hub/placements_hub/student_compliance/)

Essential equipment

Students will need a computer and internet access to use the e-learning platform.

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	Mandatory
Case Study	2 case studies with a 1500-word report	20	N	Individual	N
Quiz	90 minutes	20	N	Individual	N
Practical Exam	2 hours	60	N	Individual	Y
Portfolio	600 studies with quality and reflective learning activities	S/U	Y	Individual	Y

Prescribed Texts

- Woodward PJ, Kennedy A, Sohaey R. Diagnostic Imaging: Obstetrics. 4th ed. Elsevier US; 2021.

Teaching Periods

Spring (2025)

Campbelltown

Hybrid

Subject Contact Catherine Robinson (<https://directory.westernsydney.edu.au/search/name/Catherine.Robinson/>)

[View timetable](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI7022_25-SPR_CA_3#subjects) (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI7022_25-SPR_CA_3#subjects)