

# RADI 7021 PRACTICE OF OBSTETRIC AND GYNECOLOGICAL (O&G) SONOGRAPHY 3

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**Description** In this subject, students will enhance their skills in image acquisition, optimisation, and measurement. They will learn to identify crucial features of fetal and maternal anatomy and physiology required to perform a comprehensive O&G sonographic assessment. Additionally, students will explore effective communication techniques for delivering adverse findings, managing workplace relationships, and meeting patient expectations. They will collaborate with peers and incorporate feedback to deliver a multimedia presentation to a professional audience with confidence. The subject also includes a work-integrated learning component to promote the development of skills, knowledge, and attributes.

**School** Medicine

**Discipline** Radiography

**Level** Postgraduate Coursework Level 7 subject

**Pre-requisite(s)** RADI 7020 - Practice of O G Sonography 2

**Co-requisite(s)** RADI 6002 - Research Foundations for Sonography

**Restrictions**

Students must be enrolled in the program 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 obstetric sonographic images demonstrating key features of maternal anatomy and fetal organ systems
2. Evaluate pathologies of the female pelvis based on sonographic images and findings
3. Investigate communication styles that engender trust and mutual respect to ensure optimal patient care and professional relationships in the clinical setting
4. Implement reflective practice and peer collaboration to identify areas for improvement in professional and clinical performance

## Subject Content

Module 1: Professional and Ethical Practice 3

1. Communicating adverse findings
2. Managing workplace relationships and patient expectations
3. Professional learning opportunities

Module 2: Specialty Knowledge and Imaging Skills 3A (Obstetrics)

1. Fetal brain
2. Fetal spine and limbs
3. Fetal face and neck
4. Cardiovascular system
5. Fetal heart and thorax
6. Electrophysiology

7. Fetal abdomen and genitourinary tract
  8. Multifetal pregnancies
  9. Anomalies of the cervix and placenta
- Module 3: Specialty Knowledge and Imaging Skills 3B (Gynecology)
1. Pathologies of the uterus and endometrium
  2. Pathologies of the ovaries and adnexa

## Work integrated learning

### Work Integrated Learning

Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

## 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/](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://issuu.com/uwspublications/docs/wsu\\_student\\_compliance\\_booklet\\_2020\\_v6/](https://issuu.com/uwspublications/docs/wsu_student_compliance_booklet_2020_v6/))

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

- 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) ([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
Literature Review	1000 words	25	N	Individual	N
Presentatio	10 minutes	25	N	Group	N
Practical Exam	2 hours	50	Y	Individual	Y
Portfolio	600 studies with quality and reflective learning activities	S/U	Y	Individual	Y

### Prescribed Texts

- Norton ME, Scoutt LM, Feldstein VA. Callen's ultrasonography in obstetrics and gynecology. 6th ed. Elsevier; 2016.
- Woodward PJ, Kennedy A, Sohaey R. Diagnostic Imaging: Obstetrics. 4th ed. Elsevier US; 2021.