

RADI 7014 PRACTICE OF VASCULAR SONOGRAPHY 4

Credit Points 10

Legacy Code 401299

Coordinator Donna Oomens ([https://directory.westernsydney.edu.au/search/name/Donna Oomens/](https://directory.westernsydney.edu.au/search/name/Donna%20Oomens/))

Description This Subject aims to assure that students have gained adequate knowledge in the areas of abdominal vascular and venous insufficiency sonography to practice competently, confidently and ethically as vascular sonographers. Time spent in the clinical environment will be supported by hands on training one campus.

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

Co-requisite(s) RADI 7024 - Applied Vascular Sonography

Restrictions

Students must be enrolled in 4765 Graduate Diploma in Vascular Sonography.

Assumed Knowledge

Basic human anatomy & physiology.

Learning Outcomes

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

1. Assess atherosclerosis and aneurysmal development and relate to current treatment strategies to support clinical decisions
2. Include knowledge of patient outcomes in the evaluation of the causes and effects of venous disease to promote appropriate management
3. Produce diagnostic quality imaging in the assessment of abdominal pathology and venous insufficiency to provide quality sonographic practice
4. Professionally communicate conclusions from acquired images and their measurements to inform relevant health care providers
5. Consolidate evidence of skills, knowledge and attributes to enable continuing professional advancement

Subject Content

Module 1: Abdominal arterial Sonography

- I. Anatomy
- II. Pathology & Treatment
- III. Protocol
- IV. Application
- V. Common non-vascular pathology

Module 2: Venous abdominal sonography

- I. Anatomy
- II. Pathology & treatment
- III. Protocol
- IV. Application

- V. Common non-vascular pathology
- Module 3: Venous insufficiency sonography
- I. Anatomy
 - II. Pathology & Treatment
 - III. Protocol
 - IV. Applications
 - V. Common non-vascular pathology

Special Requirements

Legislative pre-requisites

For students who complete their clinical training in a NSW public hospital, the necessary legislative requirements will be part of their employment conditions. Where Clinical training be in a private setting, the special requirements differ from public institutions; students will need to comply with requirements identified by their organisation. Training for some students outside of NSW will be as per the state based requirements.

All Students

To be eligible to enrol in a subject and attend a health-related placement in your program, students must meet Western Sydney University course requirements **and** Special Legislative Requirements to be assessed in their first year of study against the following:

1. National Criminal History Check: Students must have a current (expiring 3 years from date of issue) check valid for their entire program. A valid National Criminal history check must be an Australia wide check, include the student's full name matching their Student ID card and date of birth and not have any offences listed. If a student has a criminal history identified on their check, they must provide a Clinical Placement Authority Card (CPAC) or conditional letter from the NSW HealthShare Employment Screening and Review Unit. https://www.health.nsw.gov.au/careers/student_clearance/Documents/appendix-10-student-application.pdf
- International students must additionally have a translated International Police Check or statutory declaration.
2. A NSW Working with Children Check (WWCC) clearance letter issued under the category of volunteer valid for their entire program.
3. A current approved first aid certificate valid for their entire program. Approved provider courses can be found at <http://training.gov.au>.
4. A completed vaccination/immunisation card with all serology results containing expiry dates and currency must be maintained by the student to ensure compliance for their entire program.
5. NSW Undertaking/Declaration form.
6. Completed any additional health forms required (such as NSW Health Code of Conduct, Health Student Undertaking/Declaration and Tuberculosis (TB) Assessment Tool).
7. Relevant Local Health District specific documentation as requested. Contact your School for further details. Resources are also available on the Placement Hub (https://www.westernsydney.edu.au/placements_hub/placements_hub/student_compliance/) website.

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	1500 words	40	N	Individual	N
Practical Exam	90 minutes	60	Y	Individual	Y

Portfolio	600 entries S/U including supervisor assessment	Y	Individual	Y
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Prescribed Texts

- Myers, K, Clough, A. Practical vascular ultrasound: an illustrated guide(Internet).2014
- Schaberle, W. Ultrasonography in vascular diagnosis: a therapy-oriented textbook and atlas(Internet).2018. Available from: <http://ezproxy.uws.edu.au/login?url=https://ebookcentral.proquest.com/lib/uwsau/reader.action?docID=5494664&query=9783319649979>

Teaching Periods

Spring (2025)

Campbelltown

Hybrid

Subject Contact Donna Oomens ([https://directory.westernsydney.edu.au/search/name/Donna Oomens/](https://directory.westernsydney.edu.au/search/name/Donna%20Oomens/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI7014_25-SPR_CA_3#subjects)