

RADI 7012 PRACTICE OF VASCULAR SONOGRAPHY 2

Credit Points 10

Legacy Code 401295

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

Description In this unit, students will build on the knowledge and imaging skills they developed in Practice of Vascular Sonography 1. Additionally, they will learn to perform non-imaging physiological measurements, and be introduced to treatment protocols for vascular patients to complement their understanding of pathology. Image interpretation, report writing and essential aspects of professional practice are also included in this unit.

School Medicine

Discipline Radiography

Student Contribution Band HECS Band 2 10cp

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) RADI 7011

Co-requisite(s) RADI 7016

Restrictions

Students must be enrolled in 4765 Graduate Diploma in Vascular Sonography

Assumed Knowledge

Basic human anatomy, physiology and mathematics.

Learning Outcomes

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

1. Implement imaging protocols in the practice of vascular sonography (CLO 3)
2. Measure anatomical dimensions and physiological parameters to allow for correct diagnosis (CLO 4)
3. Utilise ultrasound to assess vascular structures and function (CLO 4)
4. Categorise images and measurements to produce a worksheet for health professionals (CLO 5)
5. Execute essential features of safe practice and patient care in vascular sonography practice (CLO 6)
6. Evaluate common vascular interventions to determine effects in patient care (CLO 1)

Subject Content

Image Acquisition & Measurement II

1.B-mode & Spectral measurements

Essentials of practice and development I

2.Infection control practices

3.Ethics

Sonographer Communication II

4.Advanced interpretive and descriptive writing

Vascular interventions

Special Requirements

Legislative pre-requisites

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://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
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/)

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
Critical Review	20 entries	20	N	Individual
Practical Exam	90 minutes	50	Y	Individual
Final Exam	90 minutes	30	N	Individual
Log/Workbook	400 studies	S/U	Y	Individual

Prescribed Texts

- Myers, K, Clough, A. Practical vascular ultrasound: an illustrated guide[Internet].2014
- Sch?berle, 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 (2022)

Campbelltown

Composite

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View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=RADI7012_22-SPR_CA_C#subjects)

Spring (2023)

Campbelltown

Hybrid

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View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI7012_23-SPR_CA_3#subjects)