

# REHA 2003 MUSCULOSKELETAL DISORDERS AND IMAGING

**Credit Points** 10

**Legacy Code** 401180

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

**Description** Becoming a podiatrist requires an understanding of the clinical and theoretical foundations of musculoskeletal conditions that impact on the function of the lower extremity. This subject aims to develop your podiatric knowledge and skills needed to manage patients with musculoskeletal disorders. This subject further aims to develop your knowledge and clinical application of diagnostic techniques (i.e. x-ray, ultrasound, magnetic resonance imaging, computer tomography and bone scans).

**School** Health Sciences

**Discipline** Podiatry

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

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 2 subject

**Pre-requisite(s)** REHA 1003 AND  
REHA 2005 AND  
NATS 1022

**Co-requisite(s)** REHA 2007

**Equivalent Subjects** REHA 3032 - Podiatric Techniques 1B

## Restrictions

The subject is Podiatry specific and restricted only to students enrolled in programs 4708 Bachelor of Podiatric Medicine and 4709 Bachelor of Podiatric Medicine (Honours). The subject will be building on previous clinical skills. It is essential that students have been able to demonstrate baseline competencies in theoretical content, patient management, infection control and safe work practices (i.e. completed the preceding prerequisite subjects). Students must meet all inherent requirements for the podiatry program.

## Assumed Knowledge

Completion of all core subjects to this semester/year of study.

## Learning Outcomes

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

1. Safely apply the examination techniques needed to diagnose and treat a range of musculoskeletal disorders affecting the lower extremity
2. Describe and safely apply the principles of musculoskeletal rehabilitation to the management of acute and chronic injuries of the lower extremity.
3. Evaluate available treatment strategies (pharmacological, physical, mechanical, surgical, Traditional etc.) to provide effective culturally safe person-centred care for musculoskeletal disorders of the lower extremity

4. Analyse the role of interprofessional practice in the management of musculoskeletal disorders of the lower extremity
5. Effectively and safely integrate diagnostic imaging into clinical practice to diagnose musculoskeletal disorders of the lower extremity

## Subject Content

1. Diagnosis and management of common acute and chronic injuries of the lower extremity
2. Principles of rehabilitation as applied to podiatry practice and multidisciplinary patient management
3. Comprehensive overview diagnostic imaging techniques including ultrasound, X-rays, magnetic resonance imaging, computer tomography and bone scans.
4. Safety and ethical issues with imaging.
5. Indications and contraindications for imaging.
6. Interpretation of imaging and application of results to the clinical setting.

## Special Requirements

Legislative pre-requisites

**Note: Due to Covid Restrictions, the First Aid Requirement is currently not needed.**

Prior to enrolling in this subject, students must have submitted a Student Undertaking Form and have a National Police Check, which is required to be submitted before placement. Students must also have submitted a Working with Children Check Student Declaration. Students must hold a valid and current First Aid Certificate from a Registered Training Organisation.

Refer to the Special Requirements website for more information. Special requirements ([https://www.westernsydney.edu.au/currentstudents/current\\_students/enrolment/special\\_requirements/](https://www.westernsydney.edu.au/currentstudents/current_students/enrolment/special_requirements/))

## 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
Quiz	60 minutes	20	N	Individual	N
Practical Exam	45 minutes	30	Y	Individual	Y
Intra-session Exam	2 hours	50	N	Individual	N
Participatio	All allocated practical sessions	S/U	Y	Individual	Y

Teaching Periods

## 2nd Half (2025)

### Campbelltown

#### On-site

**Subject Contact** Sean Lanting ([https://directory.westernsydney.edu.au/search/name/Sean Lanting/](https://directory.westernsydney.edu.au/search/name/Sean%20Lanting/))

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=REHA2003\\_25-2H\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=REHA2003_25-2H_CA_1#subjects))