School of Health Sciences

PDTY2202: Podiatric Medicine

Ourimbah

Semester 2 - 2023

COURSE OUTLINE

OVERVIEW

Course Description

This course provides an introduction to the specialist areas of clinical and theoretical podiatric rheumatology, neurology and non-dermatological oncology. We begin by exploring the definition, assessment and classification of pain in podiatry practice. The rheumatology component introduces rheumatic diseases of connective tissue, joints and bone that affect the lower limb. The neurology component introduces a selection of adult neurological disorders. The oncology component introduces neoplasm of lower limb bone, joint and soft tissues. Coinciding with this work, we will explore the emerging field of evidence-based podiatry to develop your skills as a user of clinical research.

Requisites

This course is only available to students enrolled in the Bachelor of Podiatry program (11692). Pre-requisite - successful completion of HUBS1108, HUBS1403, HUBS1404 and PDTY2102.

Assumed Knowledge

Musculoskeletal anatomy
Pharmacology
Human physiology
Human pathophysiology

Contact Hours

Ourimbah
Lecture
Face to Face On Campus, unless notified otherwise
3 hours per Week for 11 Weeks (week 7 self-directed)

Tutorial *
Face to Face On Campus
2 hours per Week for 11 Weeks (no tutorial in week 12)
* Tutorial attendance is compulsory (except week 11)

Unit Weighting
Workload

10
Students are required to spend on average 120-140 hours of effort (contact and non-contact) including assessments per 10 unit course.

CONTACTS

Course Coordinator

Ourimbah
Dr Fiona Hawke
Fiona.Hawke@newcastle.edu.au
(02) 4349 4549
Consultation: After tutorial or before lecture time. Or, if you need to meet privately, Wednesdays 12pm to 1pm by appointment. Please email me at Fiona.Hawke@newcastle.edu.au to arrange an appointment. I work for the University on Wednesday and Friday.

School Office

School of Health Sciences
Room 302, ICT Building
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SYLLABUS

Course Content

- Pain terminology, classes and assessment.
- Rheumatic diseases affecting the lower limb.
- Non-dermatological neoplasm of the lower limb.
- Selected systemic and lower limb adult neurological conditions.
- Evidence-based podiatry.
- Clinical assessments.

Course Learning Outcomes

On successful completion of this course, students will be able to:

1. Define, assess and classify foot pain using appropriate terminology.

2. Take and appropriately document a thorough medical history and assessment of a patient reporting a previous diagnosis of a variety of rheumatic conditions and adult neurological conditions.

3. Identify the aetiology, pathophysiology, typical signs and symptoms, diagnostic criteria, laboratory testing, imaging studies, differential diagnoses, psychosocial impact, general systemic interventions and specific podiatric interventions for select rheumatic conditions.

4. Identify the pathophysiology and typical signs and symptoms of non-dermatological neoplasms relevant to the profession of podiatry.

5. Discuss the pathophysiology, typical signs and symptoms, prognosis, psychosocial impact and basics of systemic treatment of specific adult neurological conditions discussed in this course.

6. Interpret and apply clinically the results of basic biostatistical methods.

7. Critically evaluate research investigating interventions for foot-related problems.

Course Materials

This course is supported by the Canvas site PDTY2202 PODIATRIC MEDICINE (S2 2023 CENTRALCST) PDTY2202 Podiatric Medicine (S2 2023 CENTRALCST) (newcastle.edu.au). Important information will be posted on the Announcements page.

The Podiatric Medicine component of this course is supported by the electronic resource Therapeutic Guidelines (eTG Complete) eTG complete / University of Newcastle (exlibrisgroup.com). This resource contains disease-oriented guidelines and giving clear, practical and succinct recommendations for therapy. The recommendations in these guidelines are derived from the latest world literature, tempered by the knowledge and experience of Australia's foremost authorities, with input from an extensive network of users.

Timetable

Ourimbah timetable PDTY2202 Podiatric Medicine

	Day	Start time	Finish	Room	Weeks
Lecture	Wednesday	3:00pm	6:00pm*	CS202	1-6, 8-12 (wk 7 online)
Tutorial	Friday	9:00am	11:00am	MP203**	1 to 11
Tutorial	Friday	11:00am	1:00pm	CS106**	1 to 11

*I have booked the room until 6pm as I sometimes go past 5pm. Most weeks the lecture will finish about 5pm.
**Week 7 tutorials are in the library

COMPULSORY REQUIREMENTS

In order to pass this course, each student must complete ALL of the following compulsory requirements:

Contact Hour Requirements:

- Tutorial attendance is a **compulsory course component** and must be fulfilled to achieve an overall pass in this course. Attendance at all allocated tutorials week 1 to 10 (including the week 8 library session) is compulsory. The week 11 tutorial is not compulsory to attend. If you are unable to attend a session, you must lodge an application for adverse circumstances. All tutorial content is examinable.
- Lecture attendance is not compulsory. All lecture content is examinable. Supplementary material placed on Blackboard is examinable unless otherwise indicated

Course Assessment Requirements:

To pass this course, you must: (1) satisfy your tutorial attendance requirements; (2) receive a PASS for your Tutorial work journal; and (3), achieve an overall mark of at least 50%.

ASSESSMENTS

This course has 4 assessments. Each assessment is described in more detail in the sections below.

	Assessment Name	Due Date	Involvement	Weighting	Learning Outcomes
1	In term test (mid semester exam)	Week 10 in lecture time	Individual	40%	1, 3, 4, 6, 7
2	In term test (critical appraisal exam)	Week 12 in lecture time	Individual	20%	6, 7
3	Final Exam	Formal exam period	Individual	40%	1, 2, 3, 4, 5, 6, 7
4	Tutorial work* RCT protocol	Friday week 10	Individual	No weighting* PASS/FAIL	2, 3, 4, 5, 6, 7

*In addition to tutorial attendance, completion of tutorial work (RCT protocol) is a **compulsory course component** and must be passed to achieve an overall pass for PDTY2202.

Assessment 1 - In-class examination 1

Assessment Type	In Term Test
Description	Short answer written exam
Weighting	40%. You do not need to pass this assessment item to pass PDTY2202.
Due Date	Week 10 in lecture time (3pm), 60 min duration.
Assessment Criteria	Objectives: 1,3,4, 6, 7 Examines lecture, tutorial and online content of PodMed and EBPod strands weeks 1 to 9 inclusive.
Feedback Provided	Feedback will be made available once all student exams have been marked.

Assessment 2 - In-class examination 2

Assessment Type	In Term Test. Critical appraisal exam
Description	Short answer questions to examine your ability in critically appraising the methods, results and clinical importance of research publications.
Weighting	20%. You do not need to pass this assessment item to pass PDTY2202.
Date	Week 12 lecture time (3pm), 60 min duration
Assessment Criteria	Objective: 6, 7 Examines lecture, tutorial and online content of EBPod strands weeks 1 to 11 inclusive.
Feedback Provided	Feedback will be made available once all student exams have been marked.

Assessment 3 - Final Exam

Assessment Type	Formal Examination
Description	Multiple choice examination. 2 hours plus 10 minutes reading time.
Weighting	40%. You do not need to pass this assessment item to pass PDTY2202.
Date	Formal exam period
Assessment Criteria	Objectives: 1-7 Examines lecture, tutorial and online content of PodMed and EBPod strands weeks 1 to 12 inclusive.
Feedback Provided	Feedback will be made available once all student exams have been marked.

Assessment 4 - Tutorial work

Assessment Type	Week 8 tutorial work
Description	You must submit the protocol for the randomised controlled trial that you write for your week 8 tutorial. Detailed instructions will be provided.
Weighting	This assessment item is PASS/FAIL. This assessment item is a **compulsory course component** and must be passed to achieve an overall pass in this course.
Due Date	Friday week 10
Submission Method	Bring to your week 10 tutorial and submit to Fiona in class.
Assessment Criteria	To pass this assessment task, you need to complete a protocol for a randomised controlled trial. We will work on the protocols in class in week 8. Handwritten work will be accepted but must be legible to pass.
Return Method	This assessment item is returnable. Fiona will post an announcement with information about from where and when to collect your work, if you would like it returned to you.
Feedback Provided	Feedback on tutorial work may be requested in any tutorial. To receive feedback on your tutorial work after it has been assessed at the end of semester, please email Fiona.Hawke@newcastle.edu.au

Opportunity to reattempt

If any part of the protocol is incomplete or if the course coordinator determines that you have not made sufficient effort to complete work correctly, an alternative assessment item will be offered. Failure to satisfactorily complete this alternative assessment item within the prescribed timeframe will result in a FAIL for this assessment item and a FAIL grade for PDTY2202, unless an application for Adverse Circumstances is approved.

ADDITIONAL INFORMATION

Grading Scheme

This course is graded as follows:

Range of Marks	Grade	Description
85-100	High Distinction (HD)	Outstanding standard indicating comprehensive knowledge and understanding of the relevant materials; demonstration of an outstanding level of academic achievement; mastery of skills*; and achievement of all assessment objectives.
75-84	Distinction (D)	Excellent standard indicating a very high level of knowledge and understanding of the relevant materials; demonstration of a very high level of academic ability; sound development of skills*; and achievement of all assessment objectives.
65-74	Credit (C)	Good standard indicating a high level of knowledge and understanding of the relevant materials; demonstration of a high level of academic achievement; reasonable development of skills*; and achievement of all learning outcomes.
50-64	Pass (P)	Satisfactory standard indicating an adequate knowledge and understanding of the relevant materials; demonstration of an adequate level of academic achievement; satisfactory development of skills*; and achievement of all learning outcomes.
0-49	Fail (FF)	Failure to satisfactorily achieve learning outcomes. If all compulsory course components are not completed the mark will be zero. A fail grade may also be awarded following disciplinary action.

*Skills are those identified for the purposes of assessment task(s).

Communication Methods

Communication methods used in this course include:

- Face to face communication in lectures and tutorials
- Email
- Canvas Announcements

By appointment: Wednesdays 12 to 1pm.

Course Evaluation

Each year feedback is sought from students and other stakeholders about the courses offered in the University for the purposes of identifying areas of excellence and potential improvement.

- Case-based learning of POMED content in tutorials has been retained due to positive student feedback.

  Lecture content has been revised to reduce content load.

Oral Interviews (Vivas)

As part of the evaluation process of any assessment item in this course an oral examination (viva) may be conducted. The purpose of the oral examination is to verify the authorship of the material submitted in response to the assessment task. The oral examination will be conducted in accordance with the principles set out in the Oral Examination (viva) Procedure. In cases where the oral examination reveals the assessment item may not be the student's own work the case will be dealt with under the Student Conduct Rule.

Academic Misconduct

All students are required to meet the academic integrity standards of the University. These standards reinforce the importance of integrity and honesty in an academic environment. Academic Integrity policies apply to all students of the University in all modes of study and in all locations. For the Student Academic Integrity Policy, refer to

https://policies.newcastle.edu.au/document/view-current.php?id=35.

Adverse Circumstances

The University acknowledges the right of students to seek consideration for the impact of allowable adverse circumstances that may affect their performance in assessment item(s). Applications for special consideration due to adverse circumstances will be made using the online Adverse Circumstances system where:

1. the assessment item is a major assessment item; or
2. the assessment item is a minor assessment item and the Course Co-ordinator has specified in the Course Outline that students may apply the online Adverse Circumstances system;
3. you are requesting a change of placement; or
4. the course has a compulsory attendance requirement.

Before applying you must refer to the Adverse Circumstance Affecting Assessment Items Procedure available at:
https://policies.newcastle.edu.au/document/view-current.php?id=236

Important Policy Information

The Help button in the Canvas Navigation menu contains helpful information for using the Learning Management System. Students should familiarise themselves with the policies and procedures at https://www.newcastle.edu.au/current-students/no-room-for/policies-and-procedures that support a safe and respectful environment at the University.

Health and Safety requirements

You must comply with relevant University Policy www.newcastle.edu.au/policy/000972.html

Contribution to ANZPAC competency standards

This course provides students with the opportunity to demonstrate competency under the following competency standards of the Australian and New Zealand Podiatry Accreditation Council: 1.1, 1.2, 1.3, 1.5, 1.6, 1.7, 2.1, 2.2, 2.3, 3.3, 4.3, 5.1, 5.2, 5.3, 6.1, 6.2, 6.3, 7.2, 7.5, 7.6, 8.3, 8.5.

This course outline was approved by the Head of School. No alteration of this course outline is permitted without Head of School approval. If a change is approved, students will be notified and an amended course outline will be provided in the same manner as the original.

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Class Schedule: Podiatric Medicine

Week	Lecture PODMED CS202	Lecture EBPOD CS202	Tutorial
1	Pain Complex Regional Pain Syndrome	Introduction to Evidence-based podiatry	Case study Pain assessment
2	Intro to rheumatology Osteoarthritis	Research design	Case studies
3	Rheumatoid arthritis	Randomised controlled trials	Case studies, Randomised controlled trial appraisal
4	Spondyloarthropathies Septic arthritides	Systematic reviews	Case studies, Systematic review appraisal
5	Bone diseases	Qualitative research	Case studies, Qualitative research appraisal
6	Lower limb neoplasm	Diagnostic accuracy	Case studies, Diagnostic accuracy appraisal
7	**ONLINE:** Lower limb neoplasm		Database searching **(library)**
8	Crystal deposition diseases	Designing research protocols	Protocol development Case studies
9	Connective tissue disorders	Exam revision	Case studies
10	MID SEMESTER EXAM CS202 Charcot Marie Tooth Disease (self-directed online)	MID SEMESTER EXAM CS202	Case studies
11	Intro to neurology Alcohol- and chemotherapy-related neuropathy	Troubleshooting results	Question and answer session in preparation for critical appraisal and final exams (not compulsory)
12	Nerve entrapments (self-directed online)	CRITICAL APPRAISAL EXAM CS202	No tutorial