

MEDI 7003 ALLERGIC SCIENCES 2

Credit Points 20

Legacy Code 401250

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

Description This subject will consist of four online modules dealing with the immunological and clinical aspects of allergic diseases. These modules will cover fundamental theoretical and clinical concepts underlying Food Allergy, Allergic Airways Diseases, and Rhinoconjunctivitis, Sinusitis and Immunotherapy. The purpose of Allergic Sciences 2 is to complement Allergic Sciences 1 and provide students with comprehensive knowledge for managing patients with allergic conditions in clinical practice. Students will use self directed learning to link basic science with clinical understanding, and must attend a written exam at a university approved venue for one of the assessments.

School Medicine

Discipline Internal Medicine

Student Contribution Band HECS Band 3 20cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Pre-requisite(s) MEDI 7002

Equivalent Subjects LGYA 7790 - Allergic Sciences 1 and LGYA 7791 - Allergic Sciences 2 MEDI 7001 - Allergic Sciences

Restrictions

Students must be enrolled in the Graduate Certificate in Allergic Diseases or Master of Medicine (Allergic Diseases). Students must be qualified and registered medical practitioners.

Assumed Knowledge

Students must have completed a medical degree (MBBS, MBChB or equivalent qualification) and preferably have a basic understanding of core immunological concepts and previous clinical experience.

Learning Outcomes

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

1. Examine the immune mechanisms involved in allergic disease pathogenesis and implications for diagnosis and treatment.
2. Examine the pathophysiology, epidemiology, clinical presentation and treatment of food allergy and respiratory allergy.
3. Consider key aspects of the professional practice required of doctors caring for patients with food allergy and respiratory allergy, including their limitations and referral pathways for complex patients.
4. Apply critical thinking to assess and manage patients with food allergy and respiratory allergy.
5. Acquire evidence based knowledge that informs best clinical allergy practice via online self-directed learning strategies.

Subject Content

This subject consists of four modules covering:

1. Food Allergy ? IgE Mediated
2. Food Allergy ? Non IgE Mediated
3. Allergic Airways Disease
4. Rhinoconjunctivitis, Sinusitis and Immunotherapy

These modules link basic science with clinical aspects of specific allergic diseases to provide students with clinically relevant knowledge. The learning materials will enable students in the Graduate Diploma in Allergic Diseases (exit only) and Master of Medicine (Allergic Diseases) to undertake the required clinical experiences.

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
Multiple Choice	30 mins x 4	S/U	Y	Individual	Y
Reflection	300 words x 4 (final mark is average of marks for all four reflections)	30	Y	Individual	Y
Multiple Choice	60 mins	10	Y	Individual	Y
Final Exam	2 hours	60	N	Individual	Y

Teaching Periods

1st Half (2025)

Online

Online

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

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI7003_25-1H_ON_2#subjects)

2nd Half (2025)

Online

Online

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

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI7003_25-2H_ON_2#subjects)