

# MEDI 6003 INFECTIOUS DISEASE AND AUTOIMMUNE CONDITIONS

**Credit Points** 10

**Coordinator** John Morley (<https://directory.westernsydney.edu.au/search/name/John Morley/>)

**Description** This subject covers a structured approach to the recognition and assessment of acute and critical childhood infections commonly encountered in primary care, from common paediatric skin infections and gastroenteritis to bone and joint infections and meningitis. This subject also addresses antibiotic resistance and teaches best prescribing practices. Given the incidence and impact of paediatric skin infections globally, students will also develop a systematic approach to address health inequities experienced by children both nationally and internationally. This subject also addresses common childhood autoimmune conditions and juvenile arthritis, providing students with a systematic approach to assessment and management of these conditions.

**School** Medicine

**Discipline** Paediatrics

**Student Contribution Band** HECS Band 3 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** Postgraduate Coursework Level 6 subject

## Learning Outcomes

Students will be able to:

1. assess and diagnose common paediatric infections
2. use investigations aligned with ethical and professional standards to support the diagnosis of common childhood infections and autoimmune conditions
3. devise evidence-based management strategies
4. communicate effective management with parents and families and advocate for improved health outcomes at population level

## Subject Content

1. Common Childhood Viral Infections
2. Paediatric Skin Infections
3. Gastroenteritis
4. Bone and Joint Infections
5. Meningitis
6. COVID-19 In Children
7. Managing COVID in the community
8. Rheumatic fever and its complications
9. Approach to the returned paediatric traveller
10. Tropical disease (Malaria, Typhoid, Dengue)
11. Tuberculosis in Children
12. HIV
13. Antibiotics and Resistance
14. Immunodeficiencies
15. Rheumatic Diseases in Children

16. Arthritis in Children
17. Recurrent fever syndromes

## Inherent Requirements

The inherent requirements for this subject will be the same as those for medicine programs

[https://www.westernsydney.edu.au/ir/inherent\\_requirements/inherent\\_requirements\\_for\\_medicine\\_courses](https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_medicine_courses) ([https://www.westernsydney.edu.au/ir/inherent\\_requirements/inherent\\_requirements\\_for\\_medicine\\_courses/](https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_medicine_courses/))

## 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	S/U	Y	Individual	Y
Professional Task	15 minutes	S/U	Y	Individual	Y
Reflection	1000 words	S/U	Y	Individual	Y

Teaching Periods

## Quarter 1 (2025)

### Online

#### Online

**Subject Contact** John Morley (<https://directory.westernsydney.edu.au/search/name/John Morley/>)

[View timetable](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q1_ON_2#subjects) ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MEDI6003\\_25-Q1\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q1_ON_2#subjects))

## Quarter 2 (2025)

### Online

#### Online

**Subject Contact** John Morley (<https://directory.westernsydney.edu.au/search/name/John Morley/>)

[View timetable](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q2_ON_2#subjects) ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MEDI6003\\_25-Q2\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q2_ON_2#subjects))

## Quarter 3 (2025)

### Online

#### Online

**Subject Contact** John Morley (<https://directory.westernsydney.edu.au/search/name/John Morley/>)

[View timetable](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q3_ON_2#subjects) ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MEDI6003\\_25-Q3\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q3_ON_2#subjects))

## Quarter 4 (2025)

### Online

#### Online

**Subject Contact** John Morley (<https://directory.westernsydney.edu.au/search/name/John Morley/>)

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=MEDI6003\\_25-Q4\\_ON\\_2#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=MEDI6003_25-Q4_ON_2#subjects))