

PUBH 7004 COMMUNICABLE DISEASES

Credit Points 10

Legacy Code 400840

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

Description This unit will encompass clinical aspects, epidemiology, prevention and control of important communicable diseases, both in Australia, and globally. Specific topics covered include causative agents, routes of transmission, host responses, risk factors, environmental influences, vector- and food-borne diseases, vaccine-preventable diseases, legislative requirements, surveillance, outbreak investigations, bioterrorism, strategies for prevention and control and emerging challenges.

School Medicine

Discipline Public Health

Student Contribution Band HECS Band 2 10cp

Level Postgraduate Coursework Level 7 subject

Restrictions

Students must be enrolled in a postgraduate program.

Learning Outcomes

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

1. Describe the major communicable causes of disease burden, in Australia and internationally, their routes of transmission, risk factors and clinical features.
2. Discuss how causative agents, host and environmental factors interact to produce illness in individuals, and shape patterns of communicable disease in populations.
3. Describe epidemiological methods used to investigate outbreaks of communicable diseases.
4. Describe principles of surveillance, prevention, and control for communicable diseases.

Subject Content

1. Major communicable causes of disease burden
2. Causative agents, routes of transmission, host responses, clinical features
3. Role of individual risk factors and environmental influences
4. Vector- and food-borne diseases
5. Vaccine-preventable diseases
6. Surveillance
7. Outbreak investigations
8. Bioterrorism
9. Communicable disease prevention and control
10. Emerging challenges

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.

Item	Length	Percent	Threshold	Individual/ Group Task
Quiz (4 in total)		40	N	Individual
Critical Review: review of the literature on an emerging or re-emerging communicable disease threat	3,000 words	60	N	Individual

Teaching Periods

Spring

Online

Online

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

View timetable (https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=PUBH7004_22-SPR_ON_O#subjects)