

UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	OPTMM421 Microbiology for Optometry. This micro-credential unit covers the role and activity of microbes as agents of infectious disease, the way in which the host's immune response deals with infectious agents and how it can be exploited to elicit protection against these agents. It explores the biological reasons for disease transmission and spread, and considers applications of a knowledge of infectious disease and immunology, including identification and diagnosis. The micro-credential unit introduces essential knowledge and principles in the fields of infectious disease, immunology and epidemiology.
Certified learning	(1) describe the diversity of disease-causing microbes and the major diseases they cause; (2) describe environmental factors that influence the occurrence, transmission and spread of microbes; (3) describe the responses of the immune system to infection; (4) understand tools used in pathogen detection and identification; (5) understand the basis of chemical disease control; and (6) obtain a foundation for more detailed studies of infectious disease-causing microbes and immunology.
How learner participated	Both onsite and online
Effort required (indicative)	Equivalent to 150 hours
Main assessment task	Application of a skill to a routine problem
Indicative equivalent level	Undergraduate
Quality assurance	N/A
Successful learner earns PD	6
Points for conversion to:	
Admission to an award course	No
Credit towards an award course	Yes
If yes, how much credit?	Credit is one unit