



## UWA Plus Micro-credentials

### *Critical Information Summary*

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Title and brief description	OPTMM411 Pharmacology and Immunology for Optometry. This micro-credential concerns 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, investigates disease transmission and spread, and considers applications of a knowledge of infectious disease and immunology, including identification and diagnosis. The micro-credential introduces essential knowledge and principles in the fields of infectious disease, immunology, and epidemiology, and provides a foundation for more advanced studies in these disciplines.
Certified learning	(1) understand the physiology of pain, ion channels and action potential; (2) understand topical anaesthetics, ophthalmic medicine, sensory supply, formulation science and some practical points around the prescription of ophthalmic therapeutics; (3) describe the role and activity of microbes as agents of infectious disease; and (4) explore the essential knowledge and principles in the fields of infectious disease, immunology, and epidemiology.
How learner participated	Online only
Effort required (indicative)	150
Main assessment task	Application of multiple skills to complex problems
Indicative equivalent level	Undergraduate
Quality assurance	n/a
Successful learner earns PD Points for conversion to:	6
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is one unit

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