

UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	SCIEM401 Introduction to Applied Bioinformatics I. Bioinformatics is a broad field, working across technologies with applied biological outcomes. This course provides an introduction to the analysis of data across areas of biology, whether this be biomedical, environmental or agricultural. Students will have access to real world data types to develop their data analysis skills. On successful completion, students should be able to log onto a server, manipulate data files, run bioinformatic software and interpret the results.
Certified learning	(1) understand different biological data types and formats; (2) apply basic Linux commands; and (3) run bioinformatics software on a server.
How learner participated	Online only
Effort required (indicative)	8 online lectures @ 30 mins 6 online practical classes @ 3 hours 6 online assessments @ 1 hour
Main assessment task	Testing recall of facts, Application of multiple skills to routine problems
Indicative equivalent level	Postgraduate
Industry recognition	N/A
Quality assurance	The quality of UWA Plus micro-credentials is assured through The University of Western Australia's standards and academic integrity processes.
Successful learner earns PD Points for conversion to:	3
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is less than one unit