



## UWA Plus Micro-credentials

### *Critical Information Summary*

Title and brief description	CHEMM102 Equilibrium, Energy and the Environment. This micro credential will cover unit 3 and 4 of the ATAR chemistry syllabus. Unit 3 – Equilibrium, acids and bases, and redox reactions Unit 4 – Organic chemistry and chemical synthesis This micro credential will contain five modules. Module 1-How Fast? Module 2-Chemical Equilibrium Module 3-Acid, Bases and Buffers Module 4-Electrochemistry Module 5-Environmental and Sustainable Chemistry
Certified learning	(1) describe the principles of reaction rates, chemical equilibrium, acid base chemistry, electrochemistry; (2) design a practical activity for year 11 and 12 students; and (3) describe basic organic chemistry molecules and their reactions.
How learner participated	Onsite only
Effort required (indicative)	75 hours. Contact hours per week: 2 hours lectures, 3 hours practical/workshop per day
Main assessment task	Testing recall of facts, Application of multiple skills to complex problems
Indicative equivalent level	Postgraduate
Industry recognition	WA Department of Education.
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