



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	CHEMM101 Atoms, Materials and Reactions. This micro credential will cover unit 1 and 2 of the ATAR chemistry syllabus. Unit 1: Chemical fundamentals: structure, properties and reactions Unit 2-Molecular interactions and reactions This micro credential will contain five modules. Module 1-The Atom Module 2-Bonding and Properties of Molecules and Materials Module 3-The Language of Chemistry Module 4-Chemical Reactions Module 5-States of Matter
Certified learning	(1) describe the structure of the atom and isotopes, bonding that occurs within molecules, the origins of intermolecular forces, the principles of acids and bases; (2) design a practical activity for year 11 and 12 students; and (3) explain the mole concept, balance a chemical equation.
How learner participated	Online only
Effort required (indicative)	75 hours. Contact hours per week: 3 hours recorded lectures, 1 hour online and interactive workshop, 6 hours practical work throughout the course.
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