



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	GEOSM402 Characterising Groundwater Resources. Groundwater is a vital resource sustaining populations and groundwater-dependent ecosystems in many regions globally. This UWA micro-credential focuses on techniques for quantifying and utilizing groundwater resources and is designed for people with undergraduate-level skills and basic knowledge of groundwater systems. Topics include conceptual model development, using flow equations, drilling technology, production wells and aquifer testing.
Certified learning	(1) demonstrate understanding of hydrogeological principles; (2) demonstrate basic skills in the analysis and interpretation of hydrogeological information; and (3) explain and report on hydrogeological issues.
How learner participated	Onsite only
Effort required (indicative)	75 hours composed of readings and videos, learning activities and discussions during online workshops, completion of assessment tasks. 2x 3 hr online classes for 3 weeks.
Main assessment task	Testing recall of facts, Application of multiple skills to routine problems
Indicative equivalent level	Postgraduate
Industry recognition	This micro-credential is co-taught with the second half of GEOS4401 Hydrogeological Systems in the Master of Hydrogeology which has a well-established reputation for generating high quality graduates for the minerals industry and government agencies dealing with water resources.
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