



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	GEOSM508 Environmental Tracers and Isotopes in Groundwater Systems. In this Microcredential you will build your skills in applying environmental tracers and isotopes to understand groundwater systems. Learn how to use stable isotopes, noble gasses, heat as a tracer, applied tracers and groundwater age indicators as tools for understanding groundwater systems
Certified learning	(1) describe available environmental tracers and isotopes for use in groundwater systems. and (2) interpret environmental tracer and isotopic data to understand groundwater systems and effectively communicate this understanding through written and/or oral reporting..
How learner participated	Online only
Effort required (indicative)	Online timetabled 2 x 3 hr workshops per week for 3 weeks. A total of 75 hours composed of readings and watching of recorded videos, learning activities and discussions during online workshops, completion of assessment tasks. One week post-workshops to finalize assessment submission.
Main assessment task	Testing recall of facts,Application of a skill to a complex problem
Indicative equivalent level	Postgraduate
Industry recognition	NA
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?	Stackable with additional micro-credentials. Students may apply for the Can be combined with GEOSM507 towards credit for GEOS5511 upon enrolment in the Master of Hydrogeology after successfully completing the micro-credentials and associated assessments. Credit is less than one unit