



UWA Plus Micro-credentials

Critical Information Summary

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| Title and brief description | GEOSM401 Introduction to Groundwater Systems. Groundwater is a vital freshwater resource that supports billions of people and a vast range of ecosystems globally. This UWA micro-credential introduces key components and processes in groundwater systems and is designed for people with undergraduate-level skills to advance their understanding of these systems, e.g. geological setting, groundwater storage, flow and recharge, surface water-groundwater interaction and groundwater-dependent ecosystems. |
| Certified learning | (1) demonstrate an understanding of hydrogeological principles; (2) analyse and interpret basic hydrogeological information; and (3) explain and report on groundwater-related issues. |
| How learner participated | Online only |
| Effort required (indicative) | 75 hours composed of readings, videos, learning activities and discussions during online workshops, and completion of assessment tasks. 2x 3 hr online classes per week for 3 weeks. |
| Main assessment task | Testing recall of facts, Application of a skill to a routine problem |
| Indicative equivalent level | Postgraduate |
| Industry recognition | This micro-credential is co-taught with the first 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 |