

### **UWA Plus Micro-credentials**

#### *Critical Information Summary*

Title and brief description	<p><b>GEOSM502 Geophysical Exploration: Basic Principles and Magnetics</b></p> <p>This micro-credential covers the basic principles used in geophysical exploration for mineral systems with a focus on the magnetic method. Using a series of integrated interpretation exercises, participants will learn how to extract maximum geological and exploration-relevant information from the data. Participants will also learn to work with geophysical data in scenarios that mimic their use in the work place.</p>
Certified learning	<p>Students will be able to demonstrate knowledge of the principles underpinning the magnetic geophysical method commonly used in mineral exploration, and demonstrate practical skills in geophysical data acquisition design, processing and interpretation, and proficiency in geophysical interpretation and data integration, as well as effective communication of interpretations. These outcomes will be assessed via online quizzes, practical exercises and a written report.</p>
How learner participated	Onsite only
Effort required (indicative)	75 hours
Main assessment task	Application of a skill to a complex problem
Supervision and identity verification	Supervised onsite, identity verified (one factor)
Indicative equivalent level	Masters
Quality assurance	The University of Western Australia
Successful learner earns PD Points for conversion to:	3
<ul style="list-style-type: none"> <li>Admission to an award course</li> </ul>	No
<ul style="list-style-type: none"> <li>Credit towards an award course</li> </ul>	<p>Yes</p> <p>Completion of GEOSM502 and previously GEOSM504 leads to credit for GEOS5513 Geophysical Exploration for Mineral Systems on enrolment in the</p>

Master of Ore Deposit Geology or the Master of  
Geoscience at UWA.

- If yes, how much credit? Credit is less than one unit
-