



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	ENVTM510 Introductory Environmental Science – Ecosystems and Biodiversity. Students will develop an understanding of our environment with emphasis on the concept of an ecosystem and its underlying biodiversity. The unit provides a basic grounding in environmental science topics as they relate to our ecosystems and their biodiversity including the impacts of climate change. Students in this short course will be provided with materials to enhance their understanding of our environment including concepts around biodiversity conservation and endangered species. A focus on soil ecosystems and their functions as they relate to human wellbeing and food production is also highlighted in this course.
Certified learning	(1) describe what an ecosystem is and define different types of biodiversity within that ecosystem; (2) report on the impacts of climate change on biodiversity and ecosystems; (3) to discuss, at a basic level, the legal, social, and economic factors that help conserve and restore threatened and endangered species; and (4) report on the essential functions that soil performs for humans and relate these functions to ecosystem services and human wellbeing.
How learner participated	Online only
Effort required (indicative)	Total learning hours including contact hours, personal study and assessment: 50
Main assessment task	(1) Testing recall of facts and (2) Application of a skill to a routine problem
Indicative equivalent level	Undergraduate
Quality assurance	NA
Successful learner earns PD Points for conversion to:	2
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is less than one unit