



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	ECONM501 Causal Inference for Policy Evaluation. 1. Demonstrate understanding of counterfactuals to define causal effects 2. Construct causal diagrams to identify potential bias 3. Demonstrate understanding of key assumptions for different causal inference methods 4. Implement various causal inference methods using R 5. Appropriately interpret and effectively communicate results of casual analyses 6. Apply to real cases of policy analysis/impact evaluation
Certified learning	(1) demonstrate understanding and proper use of counterfactuals to define causal effects ; (2) be able to construct causal diagrams to identify potential bias ; (3) demonstrate understanding of key assumptions for different causal inference methods; (4) be able to implement various causal inference methods using R ; (5) be able to appropriately interpret and effectively communicate results of casual analyses; and (6) be able to apply to real cases of policy analysis/impact evaluation.
How learner participated	Online only
Effort required (indicative)	150 hours: each week 1.5 hours lectures, 1 hour guided computer practical, 10 hours self-directed learning and assessments.
Main assessment task	Application of multiple skills to complex problems
Indicative equivalent level	Postgraduate
Industry recognition	The course is not endorsed by any industry at this stage.
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:	6
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is one unit
