

UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	<p>OCENM522 Coastal Physical Oceanography</p> <p>This is a new course that is aimed at students and professionals who are working in the marine environment but would like to upskill on physical processes in coastal ocean. Participants will learn about the important physical processes that impact the circulation and mixing along the coastal ocean. These include many scales from 1-100 km's and days to months. We study coastal currents, fronts and horizontal eddies that vary on time scales of days to months and spatial scales of one to hundreds of kilometres.</p>
Certified learning	<p>Students are able to:</p> <ol style="list-style-type: none"> (1) Explain how physical processes impact circulation and mixing along the coastal ocean (2) Interpret data from coastal currents, fronts and horizontal eddies (3) Solve coastal engineering problems using knowledge of physical processes.
How learner participated	Online only
Effort required (indicative)	50 hours
Main assessment task	Testing recall of facts
Supervision and identity verification	Supervised online, identity verified (one factor)
Indicative equivalent level	Not at degree level
Quality assurance	The University of Western Australia
Successful learner earns PD Points for conversion to:	2
• Admission to an award course	No
• Credit towards an award course	<p>Yes</p> <p>Stackable with additional micro-credentials for credit toward Applied Ocean Science</p>
• If yes, how much credit?	Credit is less than one unit