UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	ARCTM585 BBMLab Camp (I): Environmental Science and Technologies for teachers through design and innovative biomaterials making. ARCTM585 BBMLab Camp I: "Environmental Science and Technologies for teachers through design and innovative biomaterials making" is designed for primary and secondary school science and technology teachers and design teachers and other educators interested in changing the paradigm of school science and technology teaching through the introduction of circular economy principles, design and making with biomaterials to advance environmental sustainability in the curriculum. This course will equip the participants with the knowledge and skills needed to adopt and develop engaging and practical lesson plans for school classrooms that address the needs for sustainable consumption and production using biomaterials. Students will be generating ideas and decisions through design processes, as they will understand the contents through the lenses of a systemic design thinking approach.
Certified learning	(1) critically analyse BBM [Bio-Based Materials] design and making processes and (2) employ BBM techniques to demonstrate its integrated environmental challenges and benefits.
How learner participated	Onsite only
Effort required (indicative)	Total learning hours including contact hours, personal study and assessment Online classes: 2 hours a week for 4 weeks = 8 hours Practical workshops: 2 sessions of 3 hours each for 2 weeks = 6 hours Personal study and assessment total [50 hours, including contact hours] Total contact and non contact hours = 50 hours over a period of 5 weeks
Main assessment task	Portfolio and reflective evidence for validation of proficiency,Testing recall of facts
Indicative equivalent level	Postgraduate
Industry recognition	nil
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:	2
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is less than one unit