



## UWA Plus Micro-credentials

### *Critical Information Summary*

Title and brief description	ASTRM401 Features of the Universe for Teachers. This micro-credential will appeal Secondary School Teachers interested in expanding their knowledge in the key concepts of astronomy and astrophysics required by the Western Australia's School Curriculum and Standard Authority for Level 7 to 12. They will also be provided with the unique opportunity to learn how to use the SPIRIT optical telescope and plan teaching activities with their students.
Certified learning	(1) explain predictable phenomena such as day/night, seasons, eclipses, phases of the moon and orbital paths.; (2) describe the structure of the Sun and the lifecycle of a star in some detail.; (3) discuss the evolution of the universe using evidence such as features of galaxies, and the big bang theory; (4) identify common misconceptions that primary and secondary students have around fundamental astronomy concepts, and some strategies to mitigate the misconceptions; and (5) plan a class room observational campaign using the SPIRIT telescope.
How learner participated	Online only
Effort required (indicative)	50 hours, including a combination of live/on-line lectures, workshops and assessment preparation
Main assessment task	Testing recall of facts, Application of multiple skills to complex problems
Indicative equivalent level	Postgraduate
Industry recognition	N/A
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