



Faculty of Science, Engineering and Technology

## Master of Science (Astronomy) Transition Information

2014 – 2015

Incorporating

Graduate Diploma of Science (Astronomy) and

Graduate Certificate of Science (Astronomy)

NB: All units are valued at 12.5 credit points each.

MASTER OF SCIENCE (ASTRONOMY)	
No changes to course structure. Some changes to course rules in 2015	
GRADUATE CERTIFICATE 4 UNITS	
GRADUATE DIPLOMA 8 UNITS	
MASTER OF SCIENCE (ASTRONOMY) 12 UNITS	
CONTINUING STUDENTS	NEW INTAKES FROM 2015
To qualify for the award of Master of Science (Astronomy) students must complete 12 units of study (150 credit points) as follows:	To qualify for the award of Master of Science (Astronomy) students must complete 12 units of study (150 credit points) as follows:
3 Astronomy core units (37.5 credit points)	9 Astronomy core units (112.5 credit points)
1 Astronomy Major project option (12.5 credit points)	1 Astronomy Major project option (12.5 credit points)
8 elective units (100 credit points) from the list provided	2 elective units (25 credit points) from the list provided

Admission requirements	Admission requirements
2014	2015
<b>Graduate Certificate of Science (Astronomy)</b>	<b>Graduate Certificate of Science (Astronomy)</b>
<b>Graduate Diploma of Science (Astronomy)</b>	<b>Graduate Diploma of Science (Astronomy)</b>
<b>Master of Science (Astronomy)</b>	<b>Master of Science (Astronomy)</b>
- Tertiary qualification(s) from a recognised university or approved equivalent.	
- Non-graduate applicants with substantial relevant experience may be admitted to the Graduate Certificate. To progress to the Graduate Diploma, these students must obtain at least a credit average (>65%) in the Graduate Certificate, subject to approval of the course coordinator.	- This program is available to students who have a recognised tertiary qualification* in a cognate discipline aligned to astronomy and/or astronomy-related fields (including natural and physical sciences, information technology, engineering and related technologies, related scientific fields in health – e.g. optical science or radiography) (or approved equivalent).
	* Bachelor degree, Level 7 in Australian Qualifications Framework (AQF) or equivalent. The AQF specification for the volume of learning of a Bachelor Degree is typically 3-4 years.

# Master of Science (Astronomy) Transition Information 2014 – 2015

Incorporating

## Graduate Diploma of Science (Astronomy) and Graduate Certificate of Science (Astronomy)

NB: All units are valued at 12.5 credit points each.

Equivalent Unit Codes		Master of Science (Astronomy)	
		Course Structure for pre 2015 intake For students admitted into their degree before 2015. If you want to continue in the current course structure, or be admitted into the current course structure before the Study Period 4 commencing date, this is the structure you need to follow to complete your course.	2015 Course Structure For students who choose to transition from the pre 2015 course and for students newly admitted into their degree from 2015
		Pre 2015 Structure - Course Admission Closing Date: 31 October 2014	2014 Course Structure Admission Opening Date 1 November 2014
		Graduate Certificate of Science (Astronomy)	Graduate Certificate of Science (Astronomy)
Pre 2014	2014	Complete the following three (3) units	Complete the following three (3) core units
HET603/Z	AST80004	AST80004 Exploring Stars and the Milky Way	AST80004 Exploring Stars and the Milky Way
HET602/Z	AST80005	AST80005 Exploring the Solar System	AST80005 Exploring the Solar System
HET624/Z	AST80006	AST80006 Galaxies and their Place in the Universe	AST80006 Galaxies and their Place in the Universe
		Complete one (1) of the following two (2) units	"Plus one (1) of the following two (2) prescribed elective units
HET607/Z	AST80008	AST80008 History of Astronomy	AST80008 History of Astronomy
			AST80017 Studies in Space Exploration
HET606/Z	AST80018	AST80018 Tools of Modern Astronomy	
		Graduate Diploma of Science (Astronomy)	Graduate Diploma of Science (Astronomy)
		Complete the following three (3) units	Complete the following six (6) core units
HET603/Z	AST80004	AST80004 Exploring Stars and the Milky Way	AST80004 Exploring Stars and the Milky Way
HET602/Z	AST80005	AST80005 Exploring the Solar System	AST80005 Exploring the Solar System
HET624/Z	AST80006	AST80006 Galaxies and their Place in the Universe	AST80006 Galaxies and their Place in the Universe
		Complete five (5) of the following ten (10) units	
HET606/Z	AST80018	AST80018 Tools of Modern Astronomy	AST80018 Tools of Modern Astronomy
HET609/Z	AST80002	AST80002 Astrophotography & CCD Imaging	AST80002 Astrophotography & CCD Imaging
HET620/Z			AST80015 Planetary Science
			Plus one (1) of the following two (2) prescribed elective units
HET607/Z	AST80008	AST80008 History of Astronomy	AST80008 History of Astronomy
HET610/Z	AST80017	AST80017 Studies in Space Exploration	AST80017 Studies in Space Exploration
HET625/Z	AST80003	AST80003 Cosmology and the Large-scale Structure of the Universe	
HET617/Z	AST80011	AST80011 Major Project - Computational Astrophysics	
HET612/Z	AST80012	AST80012 Major Project - History of Astronomy	
HET615/Z	AST80013	AST80013 Major Project - Observational Astronomy	
HET619/Z	AST80014	AST80014 Major Project - Astronomy & Astrophysics	



Faculty of Science, Engineering and Technology

## Master of Science (Astronomy) Transition Information 2014 – 2015

Incorporating

### Graduate Diploma of Science (Astronomy) and Graduate Certificate of Science (Astronomy)

NB: All units are valued at 12.5 credit points each.

HET611/Z	AST80016	AST80016 Stellar Astrophysics	
		<b>Master of Science (Astronomy)</b>	<b>Master of Science (Astronomy)</b>
		<i>Complete the following three (3) units</i>	<i>Complete the following nine (9) core units</i>
HET603/Z	AST80004	AST80004 Exploring Stars and the Milky Way	AST80004 Exploring Stars and the Milky Way
HET602/Z	AST80005	AST80005 Exploring the Solar System	AST80005 Exploring the Solar System
<b>Equivalent Unit Codes</b>		<b>Pre 2015 Structure: Course Admission Closing Date 30 Nov 2014</b>	<b>2014 Course Structure Admission Dates From 1 December 2014</b>
HET624/Z	AST80006	AST80006 Galaxies and their Place in the Universe	AST80006 Galaxies and their Place in the Universe
		<i>Complete nine (9) of the following twelve (12) units</i>	
HET618/Z	AST80001	AST80001 Astrobiology and the Origins of Life	
HET609/Z	AST80002	AST80002 Astrophotography & CCD Imaging	AST80002 Astrophotography & CCD Imaging
HET625/Z	AST80003	AST80003 Cosmology and the Large Scale Structure of the Universe	AST80003 Cosmology and the Large Scale Structure of the Universe
HET620/Z	AST80015	AST80015 Planetary Science	AST80015 Planetary Science
HET611/Z	AST80016	AST80016 Stellar Astrophysics	AST80016 Stellar Astrophysics
HET606/Z	AST80018	AST80018 Tools of Modern Astronomy	AST80018 Tools of Modern Astronomy
		Including one (1) of the one of the following four (4) units	
HET612/Z	AST80012	AST80012 Major Project - History of Astronomy	AST80012 Major Project - History of Astronomy
			<i>Plus one (1) of the following three (3) project units</i>
HET617/Z	AST80011	AST80011 Major Project - Computational Astrophysics	AST80011 Major Project - Computational Astrophysics
HET615/Z	AST80013	AST80013 Major Project - Observational Astronomy	AST80013 Major Project - Observational Astronomy
HET619/Z	AST80014	AST80014 Major Project - Astronomy & Astrophysics	AST80014 Major Project - Astronomy & Astrophysics
			Plus the following two (2) project units
HET607/Z	AST80008	AST80008 History of Astronomy	AST80008 History of Astronomy
HET610/Z	AST80017	AST80017 Studies in Space Exploration	AST80017 Studies in Space Exploration