

### OVERALL COURSE STRUCTURE

MASTER OF SCIENCE (APPLIED STATISTICS)	
PRE-2015	NEW INTAKE FROM 2015
<b>Graduate Certificate of Science (Applied Statistics)</b>	<b>Graduate Certificate of Science (Applied Statistics)</b>
4 units	4 units
<b>Graduate Diploma of Science (Applied Statistics)</b>	<b>Graduate Diploma of Science (Applied Statistics)</b>
8 units	8 units
<b>Master of Science (Applied Statistics)</b>	<b>Master of Science (Applied Statistics)</b>
12 units	16 units

### COURSE RULES

MASTER OF SCIENCE (APPLIED STATISTICS)	
Course Rules Pre 2015	Course Rules from 2015
<b>Graduate Certificate of Science (Applied Statistics)</b>	<b>Graduate Certificate of Science (Applied Statistics)</b>
To qualify for a Graduate Certificate of Science (Applied Statistics), a student must complete 4 core units (50cp)	To qualify for a Graduate Certificate of Science (Applied Statistics), students must complete 4 units (50 credit points).
<b>Graduate Diploma of Science (Applied Statistics)</b>	<b>Graduate Diploma of Science (Applied Statistics)</b>
To qualify for a Graduate Diploma of Science (Applied Statistics), a student must complete 8 core units (100cp)	To qualify for a Graduate Diploma of Science (Applied Statistics), students must complete 8 units (100 credit points).
<b>Master of Science (Applied Statistics)</b>	<b>Master of Science (Applied Statistics)</b>
To qualify for a Master of Science (Applied Statistics), a student must complete 12 core units (150cp)	To qualify for a Master of Science (Applied Statistics), students must complete 16 units (200 credit points).
<i>A unit of study can only be counted once.</i>	<i>A unit of study can only be counted once.</i>

### ADMISSION REQUIREMENTS

MASTER OF SCIENCE (APPLIED STATISTICS)	
Admission requirements Pre 2015	Admission requirements from 2015
<b>Graduate Certificate of Science (Applied Statistics)</b>	<b>Graduate Certificate of Science (Applied Statistics)</b>
<b>Graduate Diploma of Science (Applied Statistics)</b>	<b>Graduate Diploma of Science (Applied Statistics)</b>
<b>Master of Science (Applied Statistics)</b>	<b>Master of Science (Applied Statistics)</b>
Applicants must have an undergraduate degree (or equivalent) in any discipline. Applicants with an appropriate postgraduate diploma or equivalent are also eligible to apply.	A bachelor degree and normally have an understanding of descriptive statistics.
Non-graduates with several years of practical statistical experience are eligible to apply and be eligible to commence Graduate Certificate level studies.	<b>OR</b>
International applicants must have an IELTS score of 6.5 average, with at least 6.0 on every section of the test	Three years of practical statistical experience in industry.

### COURSE STRUCTURE AND UNITS

MASTER OF SCIENCE (APPLIED STATISTICS)		
Equivalent units	Pre-2015 Course Structure For students who were admitted into the course before 2015.	2015/2016 Course Structure For students who chose to transition from the pre 2015 course and for students newly admitted into the course from 2015.
<b>Pre 2014</b>	<b>GRADUATE CERTIFICATE (4 UNITS)</b>	<b>GRADUATE CERTIFICATE (4 UNITS)</b>
	<b>Students complete the following 4 units:</b>	<b>Students complete the following 4 units:</b>
HMS770/Z	STA60001 Statistical Practice 1	STA60001 Statistical Practice 1
HMS772/Z	STA60003 Basic Statistical Computing	STA60003 Basic Statistical Computing
HMS777/Z	STA60004 Research Design	STA60004 Research Design
HMS771/Z	STA60005 Statistical Practice 2	STA60005 Statistical Practice 2
<b>Pre 2014</b>	<b>GRADUATE DIPLOMA (8 UNITS)</b>	<b>GRADUATE DIPLOMA (8 UNITS)</b>
	<b>Students complete the following 8 units:</b>	<b>Students complete the following 8 units:</b>
HMS770/Z	STA60001 Statistical Practice 1	STA60001 Statistical Practice 1
HMS772/Z	STA60003 Basic Statistical Computing	STA60003 Basic Statistical Computing
HMS777/Z	STA60004 Research Design	STA60004 Research Design
HMS771/Z	STA60005 Statistical Practice 2	STA60005 Statistical Practice 2
HMS780	STA70002 Multivariate Statistics	STA70002 Multivariate Statistics
HMS781	STA70003 Further Statistical Computing	STA70003 Further Statistical Computing
HMS782	STA70004 Forecasting	STA70004 Forecasting
HMS786	STA70005 Survey Sampling	STA70005 Survey Sampling
<b>Pre 2014</b>	<b>MASTERS (12 UNITS)</b>	<b>MASTERS (16 UNITS)</b>
	<b>Students complete the following 12 units:</b>	<b>Students complete the following 16 units:</b>
HMS770/Z	STA60001 Statistical Practice 1	STA60001 Statistical Practice 1
HMS772/Z	STA60003 Basic Statistical Computing	STA60003 Basic Statistical Computing
HMS777/Z	STA60004 Research Design	STA60004 Research Design
HMS771/Z	STA60005 Statistical Practice 2	STA60005 Statistical Practice 2
HMS780	STA70002 Multivariate Statistics	STA70002 Multivariate Statistics
HMS781	STA70003 Further Statistical Computing	STA70003 Further Statistical Computing
HMS782	STA70004 Forecasting	STA70004 Forecasting
HMS786	STA70005 Survey Sampling	STA70005 Survey Sampling
HMS791	STA80003 Structural Equation Modelling	STA80003 Structural Equation Modelling
HMS793	STA80004 Advanced Topics in Regression	STA80004 Advanced Topics in Regression
HMS794	STA80005 Statistical Marketing Tools	STA80005 Statistical Marketing Tools
HMS796	STA80006 Using R for Statistical Analysis	STA80006 Using R for Statistical Analysis
	<i>No 2014 equivalent unit</i>	STA80007 Bayesian Statistics
	<i>No 2014 equivalent unit</i>	STA80008 Scale Development and Evaluation
	<i>No 2014 equivalent unit</i>	STA80009 Statistical Consulting
	<i>No 2014 equivalent unit</i>	STA80010 Industrial/Research Project



SWINBURNE  
UNIVERSITY OF  
TECHNOLOGY

Faculty of Health, Arts and Design

## OUA Transition Information 2014 – 2016

### Master of Science (Applied Statistics) and nested awards

---