



PROGRAM NAME	Bachelor of Mathematical Sciences (Applied Mathematics)	PROGRAM CODE	LBMA	SCHOOL CODE	MAT
ACADEMIC PLAN	Undergraduate	YEAR LEVEL	3	CAMPUS	MAWSON LAKES
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DEFINITIONS:

- Area + Catalogue Number - A 4-letter area code plus a 4-digit catalogue number make up the course code, eg **BIOL 1033**. You can search for courses by using this code.
- Class Number - Every class at UniSA has a unique number (eg, **24813**). You use this number to enrol. Both the **enrolment class** and **related classes** have class numbers.
- Enrolment Class - This can be a **lecture (LEC)**, **tutorial (TUT)**, **workshop (WSH)** or **practical (PRA)**, to name a few examples. It is the first class you must enter when you are enrolling.
- Related Classes - (Non-Enrol Classes) These are other required components of the course, and are in addition to the **enrolment class**. They can be one of the following class types - **lecture**, **tutorial**, **workshop** or **practical**, to name a few. In most instances you will have a choice (eg, 1 tutorial to be chosen from 7).
However, in some courses, once you select the **enrolment class** you are automatically enrolled (**Auto-enrol**) in a related class (eg. a particular tutorial or practical at a particular time). The class number will be

listed in the Auto-enrol column.

Study Period	Area	Catalogue Number	Course	Enrolment Class	Related Class	Related Class	Notes
SP2	MATH	3021	Mathematics Clinic 1	Workshop	TUT	PRA	
				23203	No	No	
SP2	MATH	3025	Differential Equations 2	LEC	TUT	PRA	
				22016	Yes	No	
SP2				LEC	TUT	PRA	Elective – see note 4
SP2				LEC	TUT	PRA	Mathematics Elective – see note 3
SP5	MATH	3022	Mathematics Clinic 2	Workshop	TUT	PRA	
				21190	No	No	
SP5				LEC	TUT	PRA	Mathematics Electives – see notes 3 and 5

NOTES:

1. The table above shows the full list of courses to be taken by a student undertaking a full-time load solely in this year of the program.
2. Students should enrol in all courses for both study periods (Study Period 2 & 5) at the beginning of the year.
3. In Study Period 2, students taking the *Applied Mathematics stream* will be expected to take [Mathematics Clinic 1](#), [Differential Equations 2](#), an elective course and any one of, [Optimisation](#), [Financial Times Series](#), [Investment Science](#) or [Data Structures](#). In Study Period 5 students taking the *Applied Mathematics stream* will be expected to take [Mathematics Clinic 2](#) and any two of, [Advanced Operations Research](#), [Applied Functional Analysis](#), [Multivariate Statistical Analysis](#), [Decision Science](#), or [Computer Science Topics for Software Engineers](#). *The Applied Mathematics stream including Mathematics Clinic 1 and 2 will be offered only to students of sufficient merit.*
4. Students may select a freely chosen Elective course from any other School of Division. It is recommended that students do not select electives in the disciplines of Computing, Mathematics or Science. A list of elective courses is available from the UniSA website via <http://www.unisanet.unisa.edu.au/programs>. The selection will be subject to availability and satisfaction of pre-requisite requirements.
5. Students intending to take the Honours program will be advised to take [Applied Functional Analysis](#).