

2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY

Please mark the box to indicate advanced standing granted (use **CONDITIONAL** to denote conditional advanced standing)

Unspecified Elective Credit: units

Student ID Number:	Student Name: _____,	Date: 9/12/16
Assessor Name:	Advanced Standing Granted: units	Remaining Program Duration: 2 years
Applicant's Previous Institution:	Applicant's Previous Qualification:	
Assessor Comments:		

This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

HONOURS DEGREE OF BACHELOR OF MATHEMATICAL SCIENCES

YEAR 1	S1	MATHS 4005A Honours Project in Mathematical Sciences A (3 units) <input type="checkbox"/>	MATHS 4005B Honours Project in Mathematical Sciences B (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>
	S2	MATHS 4005C Honours Project in Mathematical Sciences C (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A or B Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A or B or C Elective (3 units) <input type="checkbox"/>

CHOOSE FROM THE FOLLOWING ELECTIVES

GROUP A ELECTIVES	APP MTH 4046 Applied Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	APP MTH 4047 Applied Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	APP MTH 4048 Applied Mathematics Topic C - Honours (3 units) <input type="checkbox"/>	APP MTH 4049 Applied Mathematics Topic D - Honours (3 units) <input type="checkbox"/>
	APP MTH 4051 Applied Mathematics Topic E - Honours (3 units) <input type="checkbox"/>	APP MTH 4052 Applied Mathematics Topic F - Honours (3 units) <input type="checkbox"/>	PURE MTH 4012 Pure Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	PURE MTH 4013 Pure Mathematics Topic D - Honours (3 units) <input type="checkbox"/>
	PURE MTH 4038 Pure Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	PURE MTH 4066 Pure Mathematics Topic E - Honours (3 units) <input type="checkbox"/>	STATS 4013 Statistics Topic A - Honours (3 units) <input type="checkbox"/>	STATS 4014 Statistics Topic B - Honours (3 units) <input type="checkbox"/>
	STATS 4008 Statistics Topic D - Hons (3 units) <input type="checkbox"/>			

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GROUP B ELECTIVES	PURE MTH 4102 Topology and Analysis - Honours (3 units)	APP MTH 4102 Fluid Mechanics - Honours (3 units) <input type="checkbox"/>	APP MTH 4114 Optimisation - Honours (3 units) <input type="checkbox"/>	PURE MTH 4107 Groups and Rings - Honours (3 units)
	APP MTH 4101 Applied Probability - Honours (3 units) <input type="checkbox"/>	APP MTH 4121 Modelling with Ordinary Differential Equations - Honours (3 units) <input type="checkbox"/>	PURE MTH 4119 Complex Analysis - Honours (3 units) <input type="checkbox"/>	STATS 4101 Statistical Modelling - Honours (3 units) <input type="checkbox"/>
	APP MTH 4116 Random Processes - Honours <input type="checkbox"/>	APP MTH 4120 Stochastic Decision Theory - Honours (3 units) <input type="checkbox"/>	APP MTH 4122 Optimal Functions and Nanomechanics - Honours (3 units)	APP MTH 4123 Partial Differential Equations and Waves - Honours (3 units)
	MATHS 4112 Financial Modelling: Tools & Techniques - Honours (3 units)	PURE MTH 4109 Integration and Analysis - Honours (3 units)	PURE MTH 4122 Geometry of Surfaces - Honours (3 units)	PURE MTH 4123 Fields and Modules - Honours (3 units)
	PURE MTH 4124 Finite Geometry - Honours (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	STATS 4103 Sampling Theory and Practice - Honours (3 units)	STATS 4105 Time Series - Honours (3 units)	STATS 4108 Biostatistics - Honours (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	STATS 4106 Mathematical Statistics – Honours (3 units) <input type="checkbox"/>	<input type="checkbox"/>		
GROUP C ELECTIVES	APP MTH 4110EX AMSI Applied Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	APP MTH 4111EX AMSI Applied Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	PURE MTH 4110EX AMSI Pure Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	PURE MTH 4111EX AMSI Pure Mathematics Topic B - Honours (3 units) <input type="checkbox"/>
	STATS 4110EX AMSI Statistics Topic A - Honours (3 units)	STATS 4111EX AMSI Statistics Topic B - Honours (3 units)		

Note: Courses to the value of 15 units must be completed from the list of Electives, out of which 9 units must be taken from Group A, 6 units may be taken from Group B and 3 units may be taken from Group C.

Applied Mathematics, Pure Mathematics or Statistics major requirements

In order to acquire a major in Applied Mathematics, Pure Mathematics or Statistics students must complete 9 units of electives in the discipline including 6 units from Group A.

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<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use CONDITIONAL to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name:			Date: 9/12/16		
Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 4 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
Assessor's Comments:								

This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

HONOURS DEGREE OF BACHELOR OF MATHEMATICAL SCIENCES – Semester 2 Start					
YEAR 1	S1				
	S2	MATHS 4005A Honours Project in Mathematical Sciences A (3 units) <input type="checkbox"/>	MATHS 4005B Honours Project in Mathematical Sciences B (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>
YEAR 2	S1	MATHS 4005C Honours Project in Mathematical Sciences C (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A or B Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Group A or B or C Elective (3 units) <input type="checkbox"/>

CHOOSE FROM THE FOLLOWING ELECTIVES				
GROUP A ELECTIVES	APP MTH 4046 Applied Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	APP MTH 4047 Applied Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	APP MTH 4048 Applied Mathematics Topic C - Honours (3 units) <input type="checkbox"/>	APP MTH 4049 Applied Mathematics Topic D - Honours (3 units) <input type="checkbox"/>
	APP MTH 4051 Applied Mathematics Topic E - Honours (3 units) <input type="checkbox"/>	APP MTH 4052 Applied Mathematics Topic F - Honours (3 units) <input type="checkbox"/>	PURE MTH 4012 Pure Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	PURE MTH 4013 Pure Mathematics Topic D - Honours (3 units) <input type="checkbox"/>
	PURE MTH 4038 Pure Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	PURE MTH 4066 Pure Mathematics Topic E - Honours (3 units) <input type="checkbox"/>	STATS 4013 Statistics Topic A - Honours (3 units) <input type="checkbox"/>	STATS 4014 Statistics Topic B - Honours (3 units) <input type="checkbox"/>
	STATS 4008 Statistics Topic D - Hons (3 units) <input type="checkbox"/>			

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GROUP B ELECTIVES	PURE MTH 4102 Topology and Analysis - Honours (3 units)	APP MTH 4102 Fluid Mechanics - Honours (3 units) <input type="checkbox"/>	APP MTH 4114 Optimisation - Honours (3 units) <input type="checkbox"/>	PURE MTH 4107 Groups and Rings - Honours (3 units) <input type="checkbox"/>
	APP MTH 4101 Applied Probability - Honours (3 units) <input type="checkbox"/>	APP MTH 4121 Modelling with Ordinary Differential Equations - Honours (3 units) <input type="checkbox"/>	PURE MTH 4119 Complex Analysis - Honours (3 units) <input type="checkbox"/>	STATS 4101 Statistical Modelling - Honours (3 units) <input type="checkbox"/>
	APP MTH 4116 Random Processes - Honours <input type="checkbox"/>	APP MTH 4120 Stochastic Decision Theory - Honours (3 units) <input type="checkbox"/>	APP MTH 4122 Optimal Functions and Nanomechanics - Honours (3 units)	APP MTH 4123 Partial Differential Equations and Waves - Honours (3 units) <input type="checkbox"/>
	MATHS 4112 Financial Modelling: Tools & Techniques - Honours (3 units)	PURE MTH 4109 Integration and Analysis - Honours (3 units)	PURE MTH 4122 Geometry of Surfaces - Honours (3 units)	PURE MTH 4123 Fields and Modules - Honours (3 units) <input type="checkbox"/>
	PURE MTH 4124 Finite Geometry - Honours (3 units) <input type="checkbox"/> ^NOT OFFERED 2017	STATS 4103 Sampling Theory and Practice - Honours (3 units)	STATS 4105 Time Series - Honours (3 units)	STATS 4108 Biostatistics - Honours (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	STATS 4106 Mathematical Statistics – Honours (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GROUP C ELECTIVES	APP MTH 4110EX AMSI Applied Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	APP MTH 4111EX AMSI Applied Mathematics Topic B - Honours (3 units) <input type="checkbox"/>	PURE MTH 4110EX AMSI Pure Mathematics Topic A - Honours (3 units) <input type="checkbox"/>	PURE MTH 4111EX AMSI Pure Mathematics Topic B - Honours (3 units) <input type="checkbox"/>
	STATS 4110EX AMSI Statistics Topic A - Honours (3 units)	STATS 4111EX AMSI Statistics Topic B - Honours (3 units)	<input type="checkbox"/>	<input type="checkbox"/>

Note: Courses to the value of 15 units must be completed from the list of Electives, out of which 9 units must be taken from Group A, 6 units may be taken from Group B and 3 units may be taken from Group C.

Applied Mathematics, Pure Mathematics or Statistics major requirements

In order to acquire a major in Applied Mathematics, Pure Mathematics or Statistics students must complete 9 units of electives in the discipline including 6 units from Group A.