

2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY								
<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 AND COMPUTER SCIENCES– Mathematical Sciences Project					
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 Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>
	S2	MATHS 4005C Honours Project in Mathematical Sciences C (3 units) <input type="checkbox"/>	Mathematical Sciences Honours (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>

CHOOSE FROM THE FOLLOWING MATHEMATICAL SCIENCES 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"/>			

2017 STUDY PLAN

GROUP B ELECTIVES	PURE MTH 4102 Topology and Analysis - Honours (3 units) <input type="checkbox"/>	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) <input type="checkbox"/>	APP MTH 4123 Partial Differential Equations and Waves - Honours (3 units) <input type="checkbox"/>
	MATHS 4112 Financial Modelling: Tools & Techniques - Honours (3 units) <input type="checkbox"/>	PURE MTH 4109 Integration and Analysis - Honours (3 units) <input type="checkbox"/>	PURE MTH 4122 Geometry of Surfaces - Honours (3 units) <input type="checkbox"/>	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) <input type="checkbox"/>	STATS 4105 Time Series - Honours (3 units) <input type="checkbox"/>	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) <input type="checkbox"/>	STATS 4111EX AMSI Statistics Topic B - Honours (3 units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.

Mathematical Sciences major requirements

A student who chooses a Mathematical Sciences project and does not qualify for a discipline major, will receive a major in Mathematical Sciences.

FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES



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:	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 AND COMPUTER SCIENCES – Mathematical Sciences Project – Semester 2 Start					
YEAR 1	S1				
	S2	MATHS 4005A Honours Project in Mathematical Sciences (3 units) <input type="checkbox"/>	MATHS 4005B Honours Project in Mathematical Sciences B (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours 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 (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>	Mathematical Sciences Honours Elective (3 units) <input type="checkbox"/>

CHOOSE FROM THE FOLLOWING MATHEMATICAL SCIENCES 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"/>

2017 STUDY PLAN

	STATS 4008 Statistics Topic D - Hons (3 units) <input type="checkbox"/>			
GROUP B ELECTIVES	PURE MTH 4102 Topology and Analysis - Honours (3 units) <input type="checkbox"/>	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) <input type="checkbox"/>	APP MTH 4123 Partial Differential Equations and Waves - Honours (3 units) <input type="checkbox"/>
	MATHS 4112 Financial Modelling: Tools & Techniques - Honours (3 units) <input type="checkbox"/>	PURE MTH 4109 Integration and Analysis - Honours (3 units) <input type="checkbox"/>	PURE MTH 4122 Geometry of Surfaces - Honours (3 units) <input type="checkbox"/>	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) <input type="checkbox"/>	STATS 4105 Time Series - Honours (3 units) <input type="checkbox"/>	STATS 4108 Biostatistics - Honours (3 units) <input type="checkbox"/> ^NOT OFFERED 2017
	STATS 4106 Mathematical Statistics – Honours (3 units) <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) <input type="checkbox"/>	STATS 4111EX AMSI Statistics Topic B - Honours (3 units) <input type="checkbox"/>		

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.

Mathematical Sciences major requirements

A student who chooses a Mathematical Sciences project and does not qualify for a discipline major, will receive a major in Mathematical Sciences.