

2017 STUDY PLAN

FOR ADVANCED STANDING - OFFICE USE ONLY

Please tick 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:	
Assessor Name: B Ng	Advanced Standing Granted: _____ units		Remaining Program Duration: _____ years	
Applicant's Previous Institution:	Applicant's Previous Qualification:			

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).

MASTER OF MATHEMATICAL SCIENCES					
YEAR 1	S1	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group B Elective(3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>
	S2	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>
YEAR 2	S1	Choose one of the following: APP MTH 7200A Masters Project in Applied Mathematics A - Part 1 MATHS 7200A Masters Project in Mathematical Sciences A – Part 1 PURE MTH 7200A Masters Project in Pure Mathematics A – Part 1 STATS 7200A Masters Project in Statistics A - Part 1 (3 units)	Choose one of the following: APP MTH 7200B Masters Project in Applied Mathematics B - Part 2 MATHS 7200B Masters Project in Mathematical Sciences B - Part 2 <input type="checkbox"/> PURE MTH 7200B Masters Project in Pure Mathematics B - Part 2 STATS 7200B Masters Project in Statistics B - Part 2 (3 units)	Group C Elective (3 units) <input type="checkbox"/>	Group C Elective (3 units) <input type="checkbox"/>
	S2	Choose one of the following: APP MTH 7200C Masters Project in Applied Mathematics C - Part 3 MATHS 7200C Masters Project in Mathematical Sciences C - Part 3 PURE MTH 7200C Masters Project in Pure Mathematics C - Part 3	Choose one of the following: APP MTH 7200D Masters Project in Applied Mathematics D - Part 4 MATHS 7200D Masters Project in Mathematical Sciences D - Part 4 PURE MTH 7200D Masters Project in Pure Mathematics D - Part 4 <input type="checkbox"/> STATS 7200D Masters Project in Statistics D - Part 4 (6 units)	Group C Elective (3 units) <input type="checkbox"/>	Group C Elective (3 units) <input type="checkbox"/>

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		STATS 7200C Masters Project in Statistics C - Part 3 (3 units)		
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Note: Students may also complete the Project by completing Part A, B & C in Semester 1 in Year 2 followed by Part D in Semester 2.

CHOOSE FROM THE FOLLOWING ELECTIVES					
GROUP A ELECTIVES	S1	MATHS 7101 Multivariable and Complex Calculus (3 units) <input type="checkbox"/>	MATHS 7102 Differential Equations (3 units) <input type="checkbox"/>	MATHS 7103 Probability and Statistics (3 units) <input type="checkbox"/>	PURE MTH 7106 Algebra (3 units) <input type="checkbox"/>
	S2	APP MTH 7105 Optimisation and Operations Research (3 units) <input type="checkbox"/>	MATHS 7100 Real Analysis (3 units) <input type="checkbox"/>	MATHS 7104 Numerical Methods (3 units) <input type="checkbox"/>	STATS 7107 Statistical Modelling and Inference (3 units) <input type="checkbox"/>
GROUP B ELECTIVES	S1	APP MTH 7035 Modelling with Ordinary Differential Equations (3 units) <input type="checkbox"/>	APP MTH 7065 Applied Probability (3 units) <input type="checkbox"/>	APP MTH 7072 Optimisation (3 units) <input type="checkbox"/>	APP MTH 7075 Fluid Mechanics (3 units) <input type="checkbox"/>
		APP MTH 7106 Optimal Functions and Nanomechanics (3 units) <input type="checkbox"/>	PURE MTH 7054 Complex Analysis (3 units) <input type="checkbox"/>	PURE MTH 7055 Topology and Analysis (3 units) <input type="checkbox"/>	PURE MTH 7059 Groups and Rings (3 units) <input type="checkbox"/>
		STATS 7054 Statistical Modelling (3 units) <input type="checkbox"/>	STATS 7057 Sampling Theory and Practice (3 units) <input type="checkbox"/>	STATS 7059 Mathematical Statistics (3 units) <input type="checkbox"/>	PURE MTH 7073 Finite Geometry (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	S2	APP MTH 7090 Stochastic Decision Theory (3 units) <input type="checkbox"/>	APP MTH 7107 Partial Differential Equations and Waves (3 units) <input type="checkbox"/>	MATHS 7070 Financial Modelling: Tools and Techniques (3 units) <input type="checkbox"/>	PURE MTH 7071 Integration and Analysis (3 units) <input type="checkbox"/>
		PURE MTH 7072 Fields and Modules (3 units) <input type="checkbox"/>	PURE MTH 7108 Geometry of Surfaces (3 units) <input type="checkbox"/>	STATS 7058 Time Series (3 units) <input type="checkbox"/>	APP MTH 7056 Random Processes (3 units) <input type="checkbox"/>

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		STATS 7056 Biostatistics (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GROUP C ELECTIVES	S1	APP MTH 7048 Applied Mathematics Topic A (3 units) <input type="checkbox"/>	APP MTH 7045 Applied Mathematics Topic B (3 units) <input type="checkbox"/>	APP MTH 7044 Applied Mathematics Topic C (3units) <input type="checkbox"/>	PURE MTH 7002 Pure Mathematics Topic B (3 units) <input type="checkbox"/>
		PURE MTH 7038 Pure Mathematics Topic A (3 units) <input type="checkbox"/>	STATS 7004 Statistics Topic A (3 units) <input type="checkbox"/>	STATS 7014 Statistics Topic B (3 units) <input type="checkbox"/>	PURE MTH 7047 Pure Mathematics Topic C (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	S2	APP MTH 7049 Applied Mathematics Topic D (3 units) <input type="checkbox"/>	APP MTH 7087 Applied Mathematics Topic E (3 units) <input type="checkbox"/>	APP MTH 7023 Pure Mathematics Topic F (3 units) <input type="checkbox"/>	PURE MTH 7023 Pure Mathematics Topic D (3 units) <input type="checkbox"/>
		PURE MTH 7066 Pure Mathematics Topic E (3 units) <input type="checkbox"/>	STATS 7008 Statistics Topic D (3 units) <input type="checkbox"/>	PURE MTH 7067 Pure Mathematics Topic F (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	STATS 7016 Statistics Topic C (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
		STATS 7069 Statistics Topic E (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	STATS 7070 Statistics Topic F (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Unspecified Elective Credit:	Level 1: _____ units	Level 2: _____ units	Level 3: _____ units	Level 4: _____ units
Student ID Number:	Student Name:		Date:	
Assessor Name: B Ng	Advanced Standing Granted: _____ units		Remaining Program Duration: _____ years	
Applicant's Previous Institution:	Applicant's Previous Qualification:			

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MASTER OF MATHEMATICAL SCIENCES – Semester 2 Start

YEAR	SEMESTER	GROUP A, B or C Elective (3 units)	GROUP A, B or C Elective (3 units)	GROUP B Elective (3 units)	GROUP B Elective (3 units)
YEAR 1	S2	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>
	S1	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group B Elective(3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>
YEAR 2	S2	Choose one of the following: APP MTH 7200A Masters Project in Applied Mathematics A - Part 1 MATHS 7200A Masters Project in Mathematical Sciences A – Part 1 PURE MTH 7200A Masters Project in Pure Mathematics A – Part 1 STATS 7200A Masters Project in Statistics A - Part 1 (3 units)	Choose one of the following: APP MTH 7200B Masters Project in Applied Mathematics B - Part 2 MATHS 7200B Masters Project in Mathematical Sciences B - Part 2 <input type="checkbox"/> PURE MTH 7200B Masters Project in Pure Mathematics B - Part 2 STATS 7200B Masters Project in Statistics B - Part 2 (3 units)	Group C Elective (3 units) <input type="checkbox"/>	Group C Elective (3 units) <input type="checkbox"/>
	S1	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group A, B or C Elective (3 units) <input type="checkbox"/>	Group B Elective(3 units) <input type="checkbox"/>	Group B Elective (3 units) <input type="checkbox"/>

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S1	Choose one of the following: APP MTH 7200C Masters Project in Applied Mathematics C - Part 3 MATHS 7200C Masters Project in Mathematical Sciences C - Part 3 PURE MTH 7200C Masters Project in Pure Mathematics C - Part 3 STATS 7200C Masters Project in Statistics C - Part 3 (3 units)	Choose one of the following: APP MTH 7200D Masters Project in Applied Mathematics D - Part 4 MATHS 7200D Masters Project in Mathematical Sciences D - Part 4 PURE MTH 7200D Masters Project in Pure Mathematics D - Part 4 STATS 7200D Masters Project in Statistics D - Part 4 (6 units)	Group C Elective (3 units)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: Students may also complete the Project by completing Part A, B & C in Semester 2 in Year 2 followed by Part D in Semester 1 of the following year.

CHOOSE FROM THE FOLLOWING ELECTIVES					
GROUP A ELECTIVES	S1	MATHS 7101 Multivariable and Complex Calculus (3 units) <input type="checkbox"/>	MATHS 7102 Differential Equations (3 units) <input type="checkbox"/>	MATHS 7103 Probability and Statistics (3 units) <input type="checkbox"/>	PURE MTH 7106 Algebra (3 units) <input type="checkbox"/>
	S2	APP MTH 7105 Optimisation and Operations Research (3 units) <input type="checkbox"/>	MATHS 7100 Real Analysis (3 units) <input type="checkbox"/>	MATHS 7104 Numerical Methods (3 units) <input type="checkbox"/>	STATS 7107 Statistical Modelling and Inference (3 units) <input type="checkbox"/>
GROUP B ELECTIVES	S1	APP MTH 7035 Modelling with Ordinary Differential Equations (3 units) <input type="checkbox"/>	APP MTH 7065 Applied Probability (3 units) <input type="checkbox"/>	APP MTH 7072 Optimisation (3 units) <input type="checkbox"/>	APP MTH 7075 Fluid Mechanics (3 units) <input type="checkbox"/>
		APP MTH 7106 Optimal Functions and Nanomechanics (3 units) <input type="checkbox"/>	PURE MTH 7054 Complex Analysis (3 units) <input type="checkbox"/>	PURE MTH 7055 Topology and Analysis (3 units) <input type="checkbox"/>	PURE MTH 7059 Groups and Rings (3 units) <input type="checkbox"/>
		STATS 7054 Statistical Modelling (3 units) <input type="checkbox"/>	STATS 7057 Sampling Theory and Practice (3 units) <input type="checkbox"/>	STATS 7059 Mathematical Statistics (3 units) <input type="checkbox"/>	PURE MTH 7073 Finite Geometry (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	S2	APP MTH 7090 Stochastic Decision Theory (3 units) <input type="checkbox"/>	APP MTH 7107 Partial Differential Equations and Waves (3 units) <input type="checkbox"/>	MATHS 7070 Financial Modelling: Tools and Techniques (3 units) <input type="checkbox"/>	PURE MTH 7071 Integration and Analysis (3 units) <input type="checkbox"/>

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		PURE MTH 7072 Fields and Modules (3 units) <input type="checkbox"/>	PURE MTH 7108 Geometry of Surfaces (3 units) <input type="checkbox"/>	STATS 7058 Time Series (3 units) <input type="checkbox"/>	APP MTH 7056 Random Processes (3 units) <input type="checkbox"/>
		STATS 7056 Biostatistics (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GROUP C ELECTIVES	S1	APP MTH 7048 Applied Mathematics Topic A (3 units) <input type="checkbox"/>	APP MTH 7045 Applied Mathematics Topic B (3 units) <input type="checkbox"/>	APP MTH 7044 Applied Mathematics Topic C (3units) <input type="checkbox"/>	PURE MTH 7002 Pure Mathematics Topic B (3 units) <input type="checkbox"/>
		PURE MTH 7038 Pure Mathematics Topic A (3 units) <input type="checkbox"/>	STATS 7004 Statistics Topic A (3 units) <input type="checkbox"/>	STATS 7014 Statistics Topic B (3 units) <input type="checkbox"/>	PURE MTH 7047 Pure Mathematics Topic C (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	S2	APP MTH 7049 Applied Mathematics Topic D (3 units) <input type="checkbox"/>	APP MTH 7087 Applied Mathematics Topic E (3 units) <input type="checkbox"/>	APP MTH 7023 Pure Mathematics Topic F (3 units) <input type="checkbox"/>	PURE MTH 7023 Pure Mathematics Topic D (3 units) <input type="checkbox"/>
		PURE MTH 7066 Pure Mathematics Topic E (3 units) <input type="checkbox"/>	STATS 7008 Statistics Topic D (3 units) <input type="checkbox"/>	PURE MTH 7067 Pure Mathematics Topic F (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	STATS 7016 Statistics Topic C (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>
	S2	STATS 7069 Statistics Topic E (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	STATS 7070 Statistics Topic F (3 units) ^NOT OFFERED 2017 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>