

Nov 06

*SCHOOL OF MATHEMATICS
AND APPLIED STATISTICS*

BMath(Adv)

***PROPOSED STUDENT
COURSE PLAN***

STUDENT NAME:

ADDRESS:

PHONE:

STUDENT NUMBER:

ADVISERS: 2006 –

2007 –

2008 –

PREFERRED AREA:

Applied Statistics/Mathematics
(circle one)

INTENDED MAJOR:

.....

Subject Choice

100 Level		200 Level		300/400 Level	
MATH110 6cp	CSCI114 6cp	MATH201 6cp			
		MATH202 6cp			
		MATH203 6cp			
		MATH204 6cp			
		MATH212 6cp			
		MATH222 6cp			
Advanced Standing:		STAT231 6cp			

Credit Points:

Credit Points:

Credit Points:

TOTAL CREDIT POINTS:

Program of Study

	2006	2007	2008	
Summer Session				
Autumn Session				
Spring Session				
Credit Points				

Honours? Yes / No / Maybe

STUDENT INITIALS:.....

DATE:../../.....

BMath(Adv) Proposed Student Course Plan

This form is aimed at providing a tentative schedule for your progress through the BMath(Adv) degree. It should also be consulted when you are re-enrolling. **You may find it easier later if you complete the plan in pencil.**

1. Student Details

Please check that these are correct and fill in any missing details.

2. Preferred Area

Please circle one of Applied Statistics or Mathematics so we can allocate an appropriate adviser for the rest of your degree.

3. Intended Major

You should specify what subject area(s) you plan to major in for your BMath(Adv) degree. Please refer to the enclosed BMath(Adv) requirements or the *University Handbook* (see the University website) for suggestions.

4. Subject Choice

The compulsory subjects for the BMath(Adv) degree have already been included on the form. You need to select the other subjects you plan to do to complete your degree. Enter the subject name and credit point value as shown by compulsory subjects already entered.

When choosing your subjects, you must be aware of the course requirements as listed in the *University Handbook* (on the web—or see enclosed BMath(Adv) requirements). Important points to remember are:

- No more than 60 credit points at the 100 Level.
- You must complete at least one of each of the following pairs of subjects:
MATH235 or STAT235
MATH345 or STAT345
- Select the correct number of 300 Level Mathematics Schedule subjects (you may count the subjects INFO411, INFO412 and INFO413 in this section)—according to the major you have selected.

If you have been given advanced standing for any previous studies, enter the details in the box provided—make sure you include the credit point value.

5. Credit Points

Enter the number of planned credit points for each level of study. Enter the total at the bottom. Your total **MUST** be at least 144 credit points.

6. Honours?

Consider whether you would like to complete the Honours year. To be eligible, you need an average of at least a Credit in your undergraduate Mathematics/Statistics subjects.

7. Program of Study

This is the most important section of the form, especially if you intend to do more than one level of study in a particular academic year. You need to make sure you satisfy subject prerequisite and corequisite requirements.

Arrange all the subjects you have chosen into the years you plan to attempt them. (Don't enter the credit point value per subject.) Work out the number of credit points you will attempt in each year and enter that where indicated. Aim for a "balanced" program for each year, with equal credit points attempted in Autumn and Spring Sessions.

Note that you will need special permission if you plan to attempt more than 52 credit points in any one academic year.

8. Signature

Each year, you must initial and date your plan after you have spoken to your Personal Academic Adviser, to indicate that you have discussed the plan with your Adviser.

Mathematics Schedule of Subjects - 2006

(for BMath and related degrees)

MATH111	..... Applied Mathematical Modelling 1.....	6.....	Spring
MATH121	..... Discrete Mathematics	6.....	Autumn
MATH187	..... Mathematics IA Part 1	6.....	Autumn
MATH188	..... Mathematics IA Part 2	6.....	Spring
STAT131	..... Statistics 1: Modelling Variation and Uncertainty	6.....	Autumn & Spring
MATH201	..... Multivariate and Vector Calculus.....	6.....	Autumn
MATH202	..... Differential Equations II	6.....	Spring
MATH203	..... Linear Algebra	6.....	Autumn
MATH204	..... Complex Variables and Group Theory.....	6.....	Spring
MATH212	..... Applied Mathematical Modelling 2.....	6.....	Spring
MATH222	..... Continuous and Finite Mathematics	6.....	Autumn
STAT231	..... Statistics 1A	6.....	Autumn
STAT232	..... Statistics 1B	6.....	Spring
MATH302	..... Differential Equations III.....	6.....	Spring
MATH305	..... Partial Differential Equations	6.....	Autumn
MATH312	..... Applied Mathematical Modelling 3.....	6.....	Autumn
MATH313	..... Industrial Mathematical Modelling	6.....	Spring
MATH317	..... Financial Calculus and Logistics.....	6.....	Autumn
MATH321	..... Numerical Analysis 3	6.....	Spring
MATH323	..... Topology and Chaos	6.....	Spring
MATH322	..... Algebra.....	6.....	Autumn
STAT304	..... Operations Research and Applied Probability	6.....	Spring
STAT332	..... Multiple Regression and Time Series.....	6.....	Spring
STAT333	..... Statistical Inference and Multivariate Analysis.....	6.....	Autumn
STAT335	..... Sample Surveys and Experimental Design	6.....	Autumn
INFO411	..... Data Mining and Knowledge Discovery	6.....	Spring
INFO412	..... Mathematics for Cryptography.....	6.....	Autumn
	..... Information Theory.....	6.....	Spring