

*SCHOOL OF MATHEMATICS
AND APPLIED STATISTICS*

BMathFin

***PROPOSED STUDENT
COURSE PLAN***

STUDENT NAME:

ADDRESS:

PHONE:

STUDENT NUMBER:

ADVISERS: 2006 –

2007 –

2008 –

2009 –

PREFERRED AREA:

Applied Statistics/Mathematics
(circle one)

Subject Choice

Program of Study

100 Level		200 Level		300/400 Level	
MATH187 6cp	ACCY100 6cp	MATH201 6cp	FIN 221 6cp	MATH317 6cp	FIN 322 6cp
MATH188 6cp	ACCY102 6cp	MATH202 6cp	FIN 223 6cp	STAT332 6cp	FIN 323 6cp
MATH111 6cp	BUSS111/ CSCI114 6cp	MATH203 6cp	ECON101 6cp		ECON331 8cp
	STAT131 6cp	STAT231 6cp			
	ECON111 6cp	STAT232 6cp			
Advanced Standing:					

	2006	2007	2008	2009
Summer Session				
Autumn Session				
Spring Session				
Credit Points				

Credit Points:

Credit Points:

Credit Points:

TOTAL CREDIT POINTS:

Honours? Yes / No / Maybe

STUDENT INITIALS:

INITIALS:

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

BMathFin Proposed Student Course Plan

The form is aimed at providing a tentative schedule for your progress through the BMathFin 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. Honours?

Consider whether you would like to aim for the Honours strand. To be eligible, you will need an average of at least 67.5 for subjects completed in Years 1 to 3. This decision will affect your subject choice.

4. Subject Choice

The compulsory subjects for the BMathFin degree have already been included on the form. You need to select the other subjects you plan to do to complete your degree from the List of Electives (see enclosed BMathFin requirements or the *University Handbook* on the University website). 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, listed in the *University Handbook* (on the web—or see the enclosed requirements). Important points to remember are:

- No more than 66 credit points at the 100 Level.
- At least 72 credit points of MATH and STAT subjects (incl INFO411, INFO412, INFO413).
- At least 72 credit points of ACCY/FIN, ECON and MGMT subjects.
- Select the correct number of electives according to the Recommended Program.
- Select the correct number of 300 and 400 Level subjects—according to whether you plan to do the non-Honours strand or the Honours strand.

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 192 credit points.

6. Program of Study

This is the most important section of the form, especially if you are not following the recommended program (see enclosed BMathFin requirements or the *University Handbook*). 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.

7. 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	..... Understanding Variation and Uncertainty.....	6.....	Autumn & Spring
MATH201	..... Multivariate and Vector Calculus.....	6.....	Autumn
MATH202	..... Differential Equations 2.....	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	..... Probability and Random Variable	6.....	Autumn
STAT232	..... Estimation and Hypothesis Testing	6.....	Spring
MATH302	..... Differential Equations 3.....	6.....	Autumn
MATH305	..... Partial Differential Equations	6.....	Spring
MATH312	..... Applied Mathematical Modelling 3.....	6.....	Autumn
MATH313	..... Industrial Mathematical Modelling	6.....	Spring
MATH317	..... Financial Calculus.....	6.....	Autumn
MATH321	..... Numerical Analysis	6.....	Spring
MATH323	..... Topology and Chaos	6.....	Spring
MATH325	..... Wavelets.....	6.....	Autumn
STAT304	..... Applied Probability and Financial Risk	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
INFO413	..... Information Theory.....	6.....	Spring