

# Instructions on How to Read a Curriculum Plan

## BSc Mathematics with Business BSMB Curriculum Plan (Updated on 24/03/2010)

\*Note 1: As part of the graduation requirement, students must complete at least 30cu of level 3 courses & above from the major.  
 \*Note 2: Students reading a programme with a minor must complete an additional 10cu at level 3 from the minor electives.  
 (This applies to all students who have not completed all their minor courses before Jul09 semester.  
 \*Note 3: Students are strongly advised to follow the proper progression of course level (ie, take level 1 courses before level 2, and level 2 before level 3).

### Compulsory Courses - 50 Credit Units

Code	Name	Credit Units	Jan 10	Jul 10	Jan 11	Jul 11	Last Presentation	Time Table	Pre-Requisite	Excluded Combination	Remarks	Grouping	Lab*
MTH101	<a href="#">Discrete Mathematics</a>	5	Y	Y	Y	Y	Jul 2014	Monday Week:1 Term:1	-	MSZS121	-	-	Non-Lab
MTH102	<a href="#">Transformations and Matrices</a>	5	Y	Y	Y	Y	Jul 2014	Monday Week:1 Term:2	-	MSZS221, MTH201	To take with MTH101 in the same semester if required to take both courses.	MTH101	Non-Lab
MTH103	<a href="#">Calculus and Statistics</a>	5	Y	Y	Y	Y	Jul 2014	Tuesday Week:2 Term:1	-	MSZS121 or TESZ133	-	-	Non-Lab
MTH104	<a href="#">Calculus and Algebra</a>	5	Y	Y	Y	Y	Jul 2014	Tuesday Week:2 Term:2	-	MSZS221 or TESZ133, MTH203	To take with MTH103 in the same semester if required to take both courses.	MTH103	Non-Lab
MTH205	<a href="#">Analysis I: Limits, Sequences &amp; Series**</a>	5	Y	N	Y	N	Jan 2014	Tuesday Week:1 Term:1	MTH101 & MTH103 & MTH201 or MTH102, MTH203 or MTH104	MZS2031	To take with MTH206 in the same semester.	MTH206 (same semester)	Non-Lab

1. Code denotes the code assigned to the course, also known as course code.

2. Name denotes the course title.

3. Credit Unit is the weight assigned to each course. Generally, 5 credit units comprise of 6 sessions over 1 term.

4. Course to be offered in each successive semester. Y denotes the course will be offered and N means the course will not be offered.

5. Last Presentation means that the preceded semester in which the course was offered.

6. Time table reflects the weekly schedule in which the course is conducted. Week 1 denotes the first week in which the term starts. The term in which the course is being conducted is highlighted as term 1 and 2. Term 1 starts on week 1 and ends on week 6. Term 2 starts on week 7 and ends on week 12.

7. Pre-requisite means that in order for the course to be offered, the student must have completed the listed courses prior to studying for the stated course.

11. Lab means the class is conducted in a laboratory environment and non-lab course is a classroom type course. There is a difference in fees between lab and non-lab course.

10. Group denotes the courses that are paired to the stated course. Pairing means the study of the stated course requires the compulsory study of group course.

9. Remarks is an advisory column to highlight prior knowledge needed to study for the course. The information indicated in the remarks column is advisory and not mandatory.

8. Exclude combination shows courses which are equivalent to the stated course. In other words, it means that students do not need to complete the stated course if he or she has successfully passed the course listed in the Excluded Combination.