College Requirement on Mathematics  
First-Year Curriculum under the 4-year Degree  
Study Flow Chart

Science/Engineering Stream

MA1200  
Calculus and Basic  
Linear Algebra I

MA1300  
Enhanced Calculus  
and Linear Algebra I

MA1201  
Calculus and Basic  
Linear Algebra II

MA1301  
Enhanced Calculus  
and Linear Algebra II

Major Choices for Science Stream:  
- Applied Biology  
- Applied Chemistry  
- Applied Physics  
- Architectural Studies  
- Computing Mathematics*  
- Surveying

Major Choices for Engineering Stream:  
- Building Services Engineering  
- Civil and Structural Engineering  
- Computer Engineering  
- Computer Science  
- Construction Engineering and Management  
- Electronic and Communication Engineering  
- e-Logistics and Technology Management  
- Energy Science and Engineering  
- Environmental Science and Management  
- Industrial Engineering and Engineering Management  
- Information Engineering  
- Manufacturing Systems Engineering  
- Materials Engineering  
- Mechatronic Engineering  
- Total Quality Engineering

Remarks:
* Students should attain the following in order to continue studying the major of Computing Mathematics:
  - Grade B or above in MA1201, or
  - Grade C- or above in MA1301.

Students who do not possess the requirement mentioned above are required to take a compulsory remedial course MA1400 Remedial Calculus and Linear Algebra to consolidate their mathematics background in order to gear up for the MA major.