4.2.2.6 Master of Science in Mathematics (Full-Time and Part-Time)

Master of Science in Mathematics by coursework is a postgraduate programme offered by the Department of Mathematics, which may be pursued full-time or part-time. This programme aims to provide advanced training in mathematics with an emphasis on coursework. It offers opportunities to those who have an Honours degree or a Bachelor’s degree in mathematics to build and enhance their professional skills and qualifications in advanced mathematics in general and/or in some specialised areas of applied mathematics.

Admission Requirements

A candidate may be admitted to one of two study tracks depending on his/her level of qualification upon entry into the programme.

For admission into Track 1 (40 MCs), a candidate must have
- An Honours degree in mathematics or an equivalent qualification, or
- An Honours degree in a discipline with strong training in mathematics at university level.

For admission into Track 2 (80 MCs), a candidate must have
- A three-year Bachelor’s degree in mathematics or an equivalent qualification, or
- A three-year Bachelor’s degree in a discipline with strong training in mathematics at university level.

A candidate whose Honours or Bachelor’s degree is not in mathematics must complete the GRE subject test in mathematics.

In addition, a candidate whose native tongue or medium of undergraduate instruction is not English must complete TOEFL or IELTS. A minimum TOEFL score of 85 is required for the internet-based test (with a minimum of 22 for the writing section), or 580 for the paper-based test, or 260 for the computer-based test; while a minimum IELTS score of 6.0 is required.

Programme Structure

Students have to fulfil all the following conditions:

Track 1
1. EITHER
   a. Read and pass two MA modules at Level 4000 (or above) and eight MA modules at Level 5000 (or above);
   OR
   b. Read and pass two MA modules at Level 4000 (or above), six MA modules at Level 5000 (or above), and complete an individual project and written report (equivalent to 8 MC) over a maximum period of two semesters.
2. Obtain a minimum Cumulative Average Point (CAP) of 3.00.
**Track 2**

1. EITHER
   a. Read and pass two MA modules at Level 3000 (or above), nine MA modules at Level 4000 (or above) and nine MA modules at Level 5000 (or above); OR
   b. Read and pass two MA modules at Level 3000 (or above), nine MA modules at Level 4000 (or above), seven MA modules at Level 5000 (or above), and complete an individual project and written report (equivalent to 8 MC) over a maximum period of two semesters.

2. Obtain a minimum Cumulative Average Point (CAP) of 3.00.

**Candidature & Application**

**Track 1**
The candidature for full-time students is from a minimum of two semesters to a maximum of six semesters.
The candidature for part-time students is from a minimum of four semesters to a maximum of eight semesters.

**Track 2**
The candidature for full-time students is from a minimum of four semesters to a maximum of eight semesters.
The candidature for part-time students is from a minimum of seven semesters to a maximum of ten semesters.

**Programme Intake**

There are two intakes per academic year, one in January and the other in August.