4.2.2.10 Master of Science in Statistics (Full-Time and Part-Time)

The objective of the programme is to provide a sound knowledge of the statistical principles and methods required by practising statisticians.

Admission Requirements

Candidates may be admitted to one of two study tracks which are catered to candidates with different levels of qualification.

For admission to Track 1 (40 MCs), a candidate must have
- A local honours degree in related fields, or equivalent
- An equivalent overseas degree (a four-year Bachelor's degree)
- Good performance in Math modules

For admission to Track 2 (80 MCs), a candidate must have
- At least a three-year Bachelor's degree in related fields or equivalent, with a satisfactory GPA
- Good performance in Math modules

In addition, a candidate whose native tongue or medium of undergraduate instruction is not English must have a TOEFL score of at least 580 for Paper-based test, 260 for Computer-based test or 85 for Internet-based test (with at least 22 for the writing component) or an IELTS score of at least 6.

Programme Structure

Track 1

Students have to fulfil the following conditions:

- Read and pass the following two essential modules amounting to 8 MCs:
  - ST5201 Basic Statistical Theory
  - ST5202 Applied Regression Analysis
- Read and pass eight ST level 5000 modules or higher amounting to 32 MCs
- Obtain a minimum Cumulative Average Point (CAP) of 3.00

A candidate who has an Honours degree in Statistics or Mathematics might be exempted from reading one or more compulsory modules upon the approval of the Head of Department of Statistics and Applied Probability, but an exempted module must be replaced by an elective module.

Track 2

Only the full-time programme will be offered for this track.

Students have to fulfil the following conditions:

- Read and pass six ST level 4000 modules amounting to 24 MCs. Subject to department approval, not
more than two modules can be taken from other departments.
- Read and pass ten ST level 5000 modules amounting to 40 MCs
- Complete a project ST5199 amounting to 16 MCs
- Obtain a minimum Cumulative Average Point (CAP) of 3.00

**Course of Study**

The programme will be conducted by coursework. Courses will be conducted during the university semesters. Level-4000 courses will normally be conducted during day time and most of the level-5000 courses will be conducted in the evenings.

**Period of Candidature**

**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.

**Programme Intake**

There is only one intake per academic year in August.