FACULTY OF SCIENCE

DEPARTMENT OF MATHEMATICS AND STATISTICS

MATHEMATICAL SCIENCES

Master of Research in Mathematical Sciences
Postgraduate Certificate in Mathematical Sciences

For regulations relating to admissions, duration of study, examinations, progress, final assessment, award and research elements of this degree, please refer to the General Academic Regulations - Postgraduate Research Degree Regulations.

For regulations relating to taught (compulsory/optional) modules, please refer to the General Academic Regulations - Postgraduate Taught Degree Programme Level.

Admission

1. The General Academic Regulations - Postgraduate Research Degree Regulations shall apply subject to the following requirements. Applicants shall possess:

    (i) a first or second class Honours degree from a United Kingdom university (in Mathematics or a closely related subject); or
    (ii) a qualification deemed by the Programme Director acting on behalf of Senate to be equivalent to (i) above.

2. In all cases, applicants whose first language is not English, shall be required to demonstrate an appropriate level of English.

Duration of Study

3. The General Academic Regulations - Postgraduate Research Degree Regulations shall apply.

Mode of Study

4. The programme is available by full-time and part-time study.

Curriculum

5. All students shall undertake an approved curriculum as follows:

Compulsory Modules

Module Code	Module Title	Level	Credits
MM551	MRes Research Project	5	120

Optional Modules*

No fewer than 60 credits chosen from

Module Code	Module Title	Level	Credits
MM552	Applied Analysis and PDEs 1	5	15
MM553	Applied Analysis and PDEs 2	5	15

MM554	Applied Mathematics Methods 1	5	15
MM555	Applied Mathematics Methods 2	5	15
MM556	Mathematical Models 1	5	15
MM557	Mathematical Models 2	5	15
MM558	Pure Analysis 1	5	15
MM559	Pure Analysis 2	5	15
MM560	Statistics 1	5	15
MM561	Statistics 2	5	15
MM562	Probability 1	5	15
MM563	Probability 2	5	15

*Such other Level 5 modules as may be approved by the Programme Director.

Examination, Progress and Final Assessment

6. Students are required to pass written and oral examinations and to perform to the satisfaction of the Board of Examiners in the course work, and the Examining Committee in the dissertation or report or design or project.

7. At all stages of the programme, a student must achieve an approved standard of performance with regard to level of study and academic attainment.

Award

8. **MRes**: In order to qualify for the degree of MRes, a student must have performed to the satisfaction of the Examiners and must have accumulated no fewer than 180 credits, of which 120 must have been awarded in respect of the Research Project MM551.

9. **Postgraduate Certificate in Mathematical Sciences**: In order to qualify for the award of PGCert in Mathematical Sciences a student must have accumulated no fewer than 60 credits from the taught curriculum.