



The University of Fiji

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Programme Name: Master of Science in Mathematics

Programme Description

The Master of Science in Mathematics degree offers advanced mathematical training in the areas of Pure and Applied Mathematics and allows students to pursue a PhD degree after completing the master's degree. The Master of Science in Mathematics is ideal preparation for PhD studies in Mathematics.

This Master of Science in Mathematics programme consists of 6-course units and a Minor Thesis amounting to 240 credit points. Students must complete all compulsory courses and elective courses.

Admission Requirements:

Persons shall be eligible to be admitted to study for Master of Science in Mathematics if they have:

- a. A Bachelor's degree with a minimum GPA of 3.5 in Mathematics and do not need a Postgraduate Diploma. The candidate may be required to complete postgraduate courses as specified on admission to the master's programme. OR
- b. A relevant Postgraduate Diploma with at least 120 credit points and a minimum GPA of 3.0. OR
- c. A qualification from another (internationally recognised) tertiary institution deemed by the relevant Postgraduate Committee to be equivalent to a The University of Fiji bachelor's degree. OR
- d. A professional diploma or a degree deemed by the relevant Postgraduate Committee to be equivalent to the requirements set out in (a) – (c).

Duration of the programme:

The programme can be completed in two years (over four semesters) when studied full-time and in four years (over eight semesters) when studied part-time.

The minimum period of candidature for the Masters degree shall be one-and-a-half years of full-time study or two-and-a-half years of part-time study and shall be inclusive of any period for which the student was a student of the Postgraduate Diploma.

The maximum period of candidature for the Masters degree shall be three years of full-time study and shall be inclusive of any period for which the student is a student of the Postgraduate Diploma.

Location: Saweni Campus

Estimated Tuition Fees - Local (FJD): \$6,750.00

Estimated Tuition Fees –International (FJD): \$13,500.00

Programme Structure

Any six courses from the course list and a minor thesis or preparation and presentation of a major thesis.

Course Title	Credit Point
MTH401 Advanced Abstract Algebra	30
MTH402 Advanced Real Analysis	30
MTH403 Advanced Complex Analysis	30
MTH405 Special Functions	30
MTH406 Integral Transforms with Applications	30
MTH408 Industrial Mathematics	30
MTH409 Mathematical Statistics	30
MTH410 Mathematical Methods	30
MTH411 Advanced Numerical Analysis using MATLAB	30
MTH412 Special Topics in Mathematics I	30
MTH413 Special Topics in Mathematics II	30
MTH414 Sampling Theory	30
and MTH500 Minor Thesis	60
OR	
MTH501 Major Thesis	240

Disclaimer: The University of Fiji reserves the right to amend the above programme document.