



# The University of Fiji

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## **Programme Name: Postgraduate Diploma in Mathematics**

### **Programme Description**

Postgraduate Diploma in Mathematics increases the knowledge and understanding across a broader and deeper range of topics in Applied Mathematics, Pure Mathematics or Mathematics Education. Students will have the opportunity to learn about research, make discoveries, develop new ways of thinking, and have an exciting and rewarding experience of presenting their own findings.

The Postgraduate Diploma in Mathematics offers a pathway towards masters and doctoral study. This Postgraduate Diploma in Mathematics programme consists of 4-course units amounting to 120 credit points. Students must complete all compulsory courses and elective courses.

### **Admission Requirements:**

Persons shall be eligible to be admitted to study for a Postgraduate Diploma in Mathematics if:

- i. A person has a Bachelor's degree with a GPA of 3.0 in Mathematics OR
- ii. A tertiary qualification deemed by Senate or its delegate to be equivalent to the criteria in (i).
- iii. A professional qualification deemed by Senate or its delegate to be equivalent to the criteria in (i) OR
- iv. In exceptional cases, demonstrated experience or achievement as per the programme requirements as deemed by Senate or its delegate to be sufficient OR
- v. Eligibility under the mature student admission criteria.

### **Duration of the programme:**

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

**Location:** Saweni Campus

**Estimated Tuition Fees - Local (FJD):\$3,625.00**

**Estimated Tuition Fees –International (FJD): \$7,250.00**

### **Programme Structure**

Any four courses from the course list.

<b>Course Title</b>	<b>Credit Point</b>
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

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