



**Masters in Financial  
Mathematics  
2017/2018**  
**Department of Mathematics**  
**Faculty of Engineering**  
**University of Moratuwa**

**Sri Lanka**

**Postgraduate Diploma/Master of Science  
in Financial Mathematics**

This program is specially designed to target practicing graduates in the private sector as well as government as managerial level who wish to build and advance their careers in this most fast-changing and challenging field of study. This new course is scheduled to commence in March 2017. This is a two-year part-time degree program. Lectures conducted on Sundays.

A candidate is eligible for the award of the postgraduate Diploma in Financial Mathematics with the successful completion of the Two year program. The Master of Science degree requires the completion of a research project during the second year.

**Eligibility**

The following eligibility criteria are used for admission.

Eligibility Requirements.

1. The degree of Bachelor of Science of Engineering of the University of Moratuwa , or
2. The degree of the Bachelor of Science of a recognized university with Mathematics, Statistics or Computer Science as one of the main subjects, or

3. Any other special degree in Mathematics, Statistics, Computer Science or Management, the recognition of the degree to be judged by the faculty and approved by the Senate of University of Moratuwa. Or
4. At least membership of a recognized professional institution in a relevant field and a minimum of one year experience after obtaining a such membership, the acceptability of the professional qualification of the candidate, the recognition of the institute and the relevancy of the field for this purpose shall be judged by the Faculty and approved by the Senate of University of Moratuwa.

**Course Contents and Highlights**

**Semester 1**

**Semester 1 Code Core Module**

- MA 5120 Introduction to Statistics (c)
- MA 5121 Financial Mathematics Techniques (c)
- MA 5102 Operational Research Techniques 1 (c)
- MA 5122 Mathematical Methods (o)
- MA 5108 Management Information Systems (o)
- MA 5115 Corporate Finance (c)

**Semester 2 Code Module**

- MA 5123 Actuarial Statistics (c)
- MA 5124 Financial Time Series Analysis & Forecasting (c)
- MA 5110 Operational Research Techniques II (c)
- MA 5125 Multivariate Analysis & Econometrics (o)
- MA 5113 Introduction to Marketing (o)
- MA 5116 Economics for Finance (c)
- MA 5117 Game Theory (o)
- MA 5114 Dissertation (compulsory for M.Sc.)
- MA 5118 Research Project (c)

c- Compulsory o- optional

**Course Fee**

Application processing fee	Rs. 1000.00
First year tuition fee	Rs. 125,000.00
Second year tuition fee	Rs. 100,000.00

In addition, students are expected to pay registration fees, library fees, and examination fees (Rs.4,500.00, with refundable library fees Rs. 2,500.00)

Payments should be paid by pay-in voucher form the Bank of Ceylon A/C No: 306836 (BOC Katubedda) in favor of the University of Moratuwa or at the Shroff's counter at the University of Moratuwa before the commencement of the program ( Please do not use ATM machine for any payments regarding the above ).

**Closing date:** 30<sup>th</sup> May 2017

**Application procedure**

Application forms and further details can be obtained from the course coordinator by sending the self addressed stamped envelope of size 22.5cmx 10.0cm or manually collect it from the Department office. The completed application should sent to

The Course Coordinator

MSc/P.G. Diploma in Financial Mathematics

Department of Mathematics

Faculty of Engineering

University of Moratuwa

**Contact Information**

Telephone: 0775303427

0112650301/ext6212

Fax: +94112650622

ATTN: T.M.J.A.Coaray

E-mail [coaray@uom.lk](mailto:coaray@uom.lk)