



UNIVERSITY OF MORATUWA

Department of Civil Engineering

M.Sc. in

Structural Engineering - 2019/2020

The above postgraduate course is expected to commence in February 2019.

ELIGIBILITY

The selection of students to the Masters Degree Programme will be made by the Department of Civil Engineering, in accordance with the following extended eligibility requirements approved by the Senate.

- 1.1. The Degree of Bachelor of Science of Engineering of the University of Moratuwa, Sri Lanka or an equivalent degree in a relevant field with a minimum of one (01) year period of appropriate experience, as approved by the Senate

OR

- 1.2. At least the Associate Membership of a recognized professional Engineering Institute in a relevant field with a minimum of one (01) year period of appropriate experience, as approved by the Senate

AND

- 1.3. If English is not the medium of instruction in the First Degree of the candidate, valid TOEFL (a minimum of 500 points in paper-based, 173 in computer-based, or 61 in internet-based test) or IELTS (a minimum of 5.0 in Academic Version) scores or equivalent.

CURRICULUM

Taught Courses

COMPULSORY SUBJECTS - (28 credits)

*Concrete Technology & Forensic Engineering (4 credits) *Computer Analysis of Structures (4 credits) *Design Project (8 credits) *Design of Pre-stressed Concrete Structures (4 credits) *Design of Reinforced Concrete Structures (4 credits) *Design of Steel Structures (4 credits)

ELECTIVE SUBJECTS [2 credits each] - (12 credits)

*Advanced Structural Analysis *Bridge Engineering *Design Methodology *Design of Water Retaining Structures *Design with Fibre Composites *Geo-techniques in Structural Engineering *Finite Element Analysis *Masonry Design *Structural dynamic and control *Sustainable design and development * Tall Buildings and Services *Timber Design

Research Project (20 credits)

DURATION

M.Sc. Degree: 24 months (Part Time)

All lectures, assignments, seminars, viva and field visits will normally be conducted on Fridays & Saturdays from 8.00 a.m. to 5.00 p.m.

COURSE FEES:

Tuition Fees:

M.Sc. Degree - Rs. 400,000/=

Other Fees:

Registration Fee – Rs. 1,500/=
Refundable deposit (library facilities) – Rs. 5,000/=
Exam Fees – Rs. 500/=

APPLICATION

Further information and application forms may be obtained by contacting Mrs. Amila Indika, Course Assistant at 011-2650301 – Ext. 2025 or sending an e-mail to msc-structural@uom.lk you also can download the application from the department website (www.mrt.ac.lk/web/civil)

Completed application forms should be forwarded to Dr. H.M.Y.C. Mallikarachchi, Course Coordinator, Dept. of Civil Engineering, University of Moratuwa, Katubedda, Moratuwa.

Closing date for applications: 15th November 2018.

**Registrar, University of Moratuwa,
Moratuwa.**