

University of Plymouth

Faculty of Science and Engineering

School of Engineering

1. **MSc Civil Engineering**

Final award title: MSc Civil Engineering

Level 7 Intermediate award title(s)

Postgraduate Certificate (minimum of 60 credits)

Postgraduate Diploma (minimum of 120 credits)

UCAS code: N/A

Engineering Competence (UK-SPEC): ["The Accreditation of Higher Education Programmes \(2014\)- 3rd Edition"](#).

6. Programme Structure

The one-year programme consists of 180 credits of study at Level 7 and will require students to study over the Summer vacation.

Full-time students would be expected to complete the programme within 12 months. The programme allows for part-time study (in full-time mode), with a recommendation that a minimum of 40 credits is studied in any one academic year and that the dissertation project is completed within 12 months. The maximum period of registration allowed will be three years for full-time students, and five years for part-time students.

To complete the programme, students must achieve 6 x 20-credit modules and a 60-credit dissertation project. To satisfy JBM regulations for the award being 'Technical' students must complete a dissertation which is technical in nature.

Code	Module	Credits	Technical	Semester
STAD506	Advanced Structural Engineering	20	Technical	S1
ENGR501	Engineering Research Methods and Professional Development	20		S1
HYFM501	Advanced Hydraulic Engineering	20	Technical	S1
CIVL500	Finite Element Modelling and Analysis Project	20	Technical	S2
ENBS542	Management & Professional			

7. Programme Aims

The programme is intended to:

- a) Provide an opportunity to study technical aspects of civil engineering at an advanced level, in order to meet the requirements for a Technical MSc.
- b) Develop students competencies in the technical components of structural analysis and design
- c) Develop the students awareness and capability relating to the management of civil engineering projects
- d) Develop students capability in research and critical analysis relating to a specific aspect of civil engineering
- e) Provide a Further Learning opportunity for appropriately qualified graduate entrants seeking to complete the academic base required for Chartered Engineer status.
- f) To develop a commitment to professional and social responsibility, ethical codes, and sustainability.

- b) Plan self-learning and improve performance, as the foundation for lifelong learning/CPD
- c) Monitor and adjust a personal programme of work on an on-going basis

(These Learning Outcomes are based on th

Master of Science degree (MSc) with Distinction	A student will be awarded a Masters degree with Distinction provided that s/he has achieved a credit-weighted average mark of 70% or above across all modules (including the dissertation/major project), and provided that the mark for the dissertation/major project module is not less than 60%.
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The following additional intermediate awards are awarded when the minimum of 180 credits are not achieved.

Post Graduate Certificate (PGCert)	Requires the successful completion of modules worth 60 credits at level 7
Post Graduate Diploma (PgDip)	Requires the successful completion of modules worth 120 credits at level 7

11. Non Standard Regulations

In the MSc Civil Engineering programme the following modules cannot be compensated: STAD506, ENGR501, HYFM501, CIVL500, ENBS542, PRCE508, PROJ517

The pass mark for a module at Level 7 is 50%. Where the module assessment involves more than one element, students must achieve at least 40% in each element to satisfy accreditation requirements,

b)