REGULATIONS FOR THE DEGREE OF
MASTER OF SCIENCE IN ENGINEERING
(MSc[Eng])

(See also General Regulations)

Any publication based on work approved for a higher degree should contain a reference to the effect
that the work was submitted to The University of Hong Kong for the award of the degree.

The degree of Master of Science in Engineering (MSc[Eng]) is a postgraduate degree awarded for the
satisfactory completion of a course of study in the Faculty of Engineering. The major part of the
curriculum must be formed from modules offered in one of the following fields: building services
engineering, electrical and electronic engineering, energy engineering, environmental engineering,
geotechnical engineering, industrial engineering and logistics management, infrastructure project
management, mechanical engineering, structural engineering, and transportation engineering. The
MSc(Eng) programme is offered in part-time and full-time mode.

E12 Admission requirements

To be eligible for admission to the courses leading to the degree of Master of Science in Engineering, a
candidate shall

(a) comply with the General Regulations;
(b) hold (1) a Bachelor's degree of this University in a relevant subject\(^1\); or
    (2) another relevant qualification of equivalent standard from this University or
        from another university or comparable institution accepted for this purpose;
    or
    (3) a Postgraduate Diploma in Engineering (PDipEng) of this University in a
        relevant field\(^2\);
(c) satisfy the examiners in a qualifying examination if required.

E13 Qualifying examination

(a) A qualifying examination may be set to test the candidate's formal academic ability or his
ability to follow the courses of study prescribed. It shall consist of one or more written
papers or their equivalent and may include a project report.
(b) A candidate who is required to satisfy the examiners in a qualifying examination shall not
be permitted to register until he has satisfied the examiners in the examination.

---

\(^1\) For MSc(Eng) in Building Services Engineering: engineering or related sciences.
For MSc(Eng) in Electrical and Electronic Engineering: physics, mathematics or engineering.
For MSc(Eng) in Energy Engineering: engineering or related sciences
For MSc(Eng) in Environmental Engineering: engineering or related sciences.
For MSc(Eng) in Geotechnical Engineering: civil engineering.
For MSc(Eng) in Industrial Engineering and Logistics Management: engineering, science, mathematics,
statistics or related business studies.
For MSc(Eng) in Infrastructure Project Management: engineering.
For MSc(Eng) in Mechanical Engineering: engineering, physical sciences or mathematics.
For MSc(Eng) in Structural Engineering: civil engineering.
For MSc(Eng) in Transportation Engineering: engineering or related sciences.

\(^2\) Apply to students admitted to Postgraduate Diploma in Engineering in academic year 1998-99.
E14 Award of degree

(a) To be eligible for the award of the degree of Master of Science in Engineering a candidate shall comply with the General Regulations; and complete the curriculum and satisfy the examiners in accordance with the regulations set out below.

(b) A candidate who has completed eight modules but has not satisfied the examiners for the award of the degree of Master of Science in Engineering may be awarded a PDipEng, subject to approval of the Faculty Board.

E15 Length of curriculum

For the part-time mode of study, the curriculum shall extend over not less than two and not more than three academic years of study. For the full-time mode, the curriculum shall extend over not less than one and not more than two academic years of study. In both cases, a minimum of 300 hours of prescribed work are required.

E16 Completion of curriculum

(a) To complete the curriculum a candidate shall, within the prescribed maximum period of study stipulated in Regulation E15 above:

(i) follow courses of instruction and complete satisfactorily all prescribed practical / laboratory work; and

(ii) satisfy the examiners in all forms of assessment as may be required in either

(1) twelve modules which may include a project report or dissertation of four modules; or

(2) at least nine modules successfully completed at this University (which may include a project report or dissertation of four modules) and not more than three modules successfully completed at this or another university before admission to the Master of Science in Engineering and approved by the Faculty Board.

(b) A candidate who fails to fulfill the requirements within the specified (i) three years for the part-time mode of study (ii) two years for the full-time mode shall be recommended for discontinuation under the provisions of General Regulation G12, except that a candidate, who is unable because of illness or circumstances beyond his control to complete the requirements within the prescribed maximum period of study, may apply for permission to extend his period of studies. Any such application shall be made within two weeks of the first day of the examination paper in question.

E17 Course selection

(a) Selection of study patterns shall be made in consultation with and be subject to the approval of the Head of the Department concerned.

(b) A candidate who is permitted to select 12 modules not including a project report or dissertation of 4 modules shall select eight modules from the syllabuses of the candidate's approved field of study.

(c) A candidate who is permitted to select 8 modules and a project report or dissertation of 4 modules shall select a minimum of five modules from the syllabuses of the candidate's approved field of study.

(d) Subject to the approval of the Faculty Higher Degrees Committee on the recommendation

3 The Course Co-ordinator in respect of MSc(Eng) in Building Services Engineering and the Programme Director in MSc(Eng) in Internet Computing and in Electronic Commerce.
of the Head of the Department concerned, a candidate may in exceptional circumstances be permitted to select an additional module.

---

E18 Project report or dissertation

(a) For part-time mode of study, a candidate shall submit the title of his project report or dissertation by a date specified by the Board of Examiners. A candidate may submit his completed project report or dissertation after the successful completion of four modules but shall not submit it later than the end of April of the third academic year of his studies unless special permission is granted for this period to be extended.

(b) For the full-time mode of study, a candidate shall submit the title of his project or dissertation by a date specified by the Board of Examiners. A candidate must submit the completed project report or dissertation not later than the end of April of the second academic year of his studies unless special permission is granted for this period to be extended.

(c) All candidates enrolled in any mode of study shall submit a statement that the project report or dissertation represents his own work (or in the case of conjoint work, a statement countersigned by his co-worker, which shows his share of the work) undertaken after the registration as a candidate for the degree.

---

E19 Examinations

(a) The written examination for each module shall be held after the completion of the prescribed course of study for that module, and not later than January, May or August immediately following the completion of the course of study for that module.

(b) A candidate who has failed to satisfy the examiners in a module or modules may be permitted to present himself either for re-examination in the module or modules of failure or for examination in the same number of new modules when the examination is next held. To proceed to the following year of the curriculum, a candidate must satisfy the examiners in a minimum of two modules in each academic year. A candidate who passes in less than two modules in an academic year may be recommended for discontinuation of studies under the provisions of General Regulation G12.

(c) A candidate who has presented an unsatisfactory project report or dissertation may be required to submit a revised project report or dissertation on the same subject within a specified period.

(d) A candidate who has presented an unsatisfactory project report or dissertation for a second time shall be recommended for discontinuation of studies under the provisions of General Regulation G12.

(e) A candidate who has failed to submit a satisfactory project report or dissertation within the prescribed maximum period of study, including any extension, shall be recommended for discontinuation of studies under the provisions of General Regulation G12.

---

E20 Examination results

At the conclusion of the examination and after presentation of the project reports or dissertations, a pass list shall be published. A candidate who has shown exceptional merit or merit at the whole examination may be awarded a mark of distinction or credit, as appropriate, and this mark shall be recorded on the candidate's degree diploma.