STATUTE ENG26

DEGREE OF MASTER OF SCIENCE (BIOMEDICAL ENGINEERING)

1. For admission as a candidate for the degree of Master of Science (Biomedical Engineering), a person must be a graduate of this University or such graduate of another university as the Academic Board may approve, and must, in addition, have obtained a bachelor’s degree in Science, Applied Science, Medical Science, Mechanical Engineering or in a relevant Engineering discipline and have had a period of relevant practical experience after obtaining his first degree.

2. A person will normally be admitted as a candidate only at the beginning of an academic year.

3. The minimum period of candidature is one academic year for full-time students and two academic years for part-time students. The maximum period of candidature is two academic years for full-time students and four academic years for part-time students.

4. During the period of study a candidate must pursue such courses of study as may be prescribed by Regulations made by the Board of Graduate Studies on the advice of the School of Mechanical and Production Engineering.

5. Successful completion of the programme of study requires a candidate to have obtained a total number of 30 academic units.

6. (1) The candidate must take a written examination on such subjects as may be prescribed by Regulations.

(2) The results of the written examination will be submitted to the Board of Graduate Studies.

REGULATIONS MADE UNDER STATUTE ENG26

Subjects of Study

1. The course leading to the degree of Master of Science (Biomedical Engineering) shall comprise four core subjects, four electives and a project on which the candidate must submit a dissertation. In the event that the candidate has passed the subject(s) previously during the course of his undergraduate studies, the candidate may, with the approval of the Dean of the School of Mechanical and Production Engineering, opt for alternative subject(s) in lieu of the said subject(s). Each subject will be assigned a certain number of academic units as may be determined by the Board of Graduate Studies.

2. (1) The subjects of study shall be determined by the School of Mechanical and Production Engineering with the approval of the Board of Graduate Studies.
(2) Each of the core subjects and electives shall be of a duration not exceeding one semester. The Dean of the School of Mechanical and Production Engineering will determine which subjects and at what period they will be offered in any one year.

(3) (a) During his course of study, the candidate must undertake a project on a topic approved by the Dean of the School of Mechanical and Production Engineering and submit a dissertation based on the project.

(b) The dissertation shall not exceed 15,000 words and shall be submitted in accordance with the provisions prescribed in clause 10 of Statute 18 (Degrees of Master).

Examinations

3. The written examination will normally be held on completion of the subject of study.

4. (1) A candidate will be dismissed from the programme if, within one academic year (for full-time candidates) or two academic years (for part-time candidates) of his candidature, he has not obtained at least half of the total number of academic units required for the coursework component of the programme. The total number of academic units excludes any transfer of credits and subject exemptions.

(2) A candidate who wishes to re-take the examination in any failed subject is required to repeat the course of study in that particular subject before sitting for the examination.

5. (1) A candidate who is prevented by illness from taking or completing the Examination may be permitted by the Board of Graduate Studies to take the Examination again at a subsequent period of the Examination provided that the illness is reported to the Vice President (Academic Services) and a medical report submitted to the Vice President (Academic Services) within forty-eight hours of the candidate’s absence from the examination. In such a case, the candidate may be required, at the discretion of the Board of Graduate Studies, to repeat the course before sitting the Examination again.

(2) Any fee payable for the medical examination under regulation 5(1) of these Regulations shall be paid by the candidate.

6. The dissertation may be submitted at any time after the candidate has passed the written examination in all the core subjects prescribed by these Regulations.

Exemptions

7. The Academic Board may grant such exemptions as it thinks fit from the requirements of these Regulations.