L.N. 74 of 1993

EDUCATION ACT, 1988
(ACT XXIV OF 1988)

Regulations for the Course leading to the Degree of Bachelor of Engineering and Architecture (Hons.) — B.E.&A. (Hons.) (Course which started in February 1987 only)

IN exercise of the powers conferred upon him by sections 28(5) and 29(6) of the Education Act, 1988, the Chancellor of the University of Malta has promulgated the following regulations made by the Senate of the University of Malta in virtue of the powers conferred upon it by section 33 of the said Act.

Citation

These regulations may be cited as the Regulations for the Degree of Bachelor of Engineering and Architecture (Hons.) — B.E.&A. (Hons.) and are applicable for the course which started in February, 1987 only.

REGULATIONS FOR THE DEGREE OF BACHELOR OF ENGINEERING AND ARCHITECTURE (HONS.) — B.E.&A. (HONOURS)

(Applicable to the course which started in February, 1987)

1. Eligibility for Degree

To be eligible for the award of the Degree of Bachelor of Engineering and Architecture (Honours), a candidate must:

(a) be registered as a matriculated student in terms of the Admission Regulations of the University;

(b) satisfy the Special Course Requirements in accordance with Regulation 3 below;

(c) complete the course of studies, qualify in the examinations, and satisfy any other requirements as prescribed in the Regulations;

(d) satisfy any other requirements prescribed in any other relevant Statutes and Regulations of the University.

2. Course duration and structure

2.1. The course of studies leading to the degree of Bachelor of Engineering and Architecture (Honours) will be of five years duration.

2.2. The course will be divided into two parts as follows:

Part 1 shall have a duration of five academic semesters, common to all students, the first academic semester being of six months duration and followed by a six-month work semester, and the next four academic semesters of four months duration each.

Part 2 will have a duration of four academic semesters, and will consist of a number of elective Streams of study, of which each student will select one.

2.3. The Faculty Board reserves the right to limit the number of Streams of study, as it resources dictate.

3. Special Course Requirements

To apply for admission to the course leading to the degree of Bachelor of Engineering and Architecture (Honours), a candidate must, besides satisfying the conditions for admission as a regular student in terms of the Admission Regulations of the University, satisfy the following Special Course Requirements:

Two passes at Advanced Level (at Grade C or better, or equivalent), in

(i) Mathematics

(ii) Physics

and

(iii) *either* another subject (preferably Art) from the list of approved subjects, at Advanced Level at Grade D or better, or equivalent,

or a certificate that the candidate has completed the Course for Architects' Assistants and Draughtsmen run by the Department of Education of the Government of Malta:

Provided that a candidate who is a graduate of a university, or has other qualifications considered to be sufficient, may be exempted by the Admissions Board, on the advice of the Faculty Admissions Committee, from the whole or part of these Special Course Requirements.

4. Curriculum

4.1. The subjects of Part 1 of the course leading to the degree of B.E.&A. (Hons.) shall be:

Year 1 *(Academic Semester 1)*

Graphics
Communications and Stereotomy
History of Architecture and Engineering
Fluid Mechanics
Solid Mechanics
Mathematics
Building Materials/Concrete Technology
Social Sciences

Year 2 *(Academic Semesters 2 and 3)*

Design
Design Methodology
History and Theory

Man-Environment Relations
Mathematics
Construction Technology
Environmental Control Systems
Structure
Civil Engineering

Year 3 (Academic Semesters 4 and 5)

Design
History and Theory
Construction Technology
Environmental Control Systems
Structures
Civil Engineering
Urban Studies or Infrastructure Engineering

and such other subjects that may be determined by Senate on the advice of the Faculty Board.

4.2. The subjects of Part 2 of the course shall consist of a group of compulsory subjects and/or other subjects, forming an elective Stream. The Faculty shall offer at least two such Streams, one predominently in the field of Building and/or Civil Engineering, and the other in the field of Architecture and/or Urban Studies. The list of Streams on offer shall be published, at least one year before the start of the Stream, the curriculum for each Stream shall be approved by the Faculty Board at least before the end of the preceeding semester. Each Stream shall include the following compulsory subjects:

Design
Building and Land Economics
Project Management
Building Law and Contract Documents
Research and Programming
Professional Practice

4.3. Each student shall choose one Stream, and shall follow all compulsory subjects, as well as all the subjects prescribed for the chosen Stream. Candidates will also be required to prepare a written Dissertation, and a Thesis Design Project on a theme related to their Stream.

4.4. Notwithstanding the provisions of Regulations 4.1 to 4.3 above, the Faculty Board may in Part 1 or Part 2 of the course allow a student to follow a programme of studies in an approved overseas institution of Higher Education for a period of time not exceeding one academic semester provided that it is satisfied that the subjects to be studied are equivalent in content to the subjects prescribed for that same academic semester. With reference to compulsory subjects prescribed for Part II of the course for which no overseas equivalent can be established by the Faculty Board, the student concerned may be requested by Faculty Board to follow such additional studies and submit to any assessment as the Faculty Board may decide.

5. Assessment of Part 1

5.1. The assessments relating to the first academic semester, made over the period February 1987 to February 1988, in accordance with the Regulations, Bye-Laws, and Guidelines then in force, shall be considered valid, notwithstanding any provision in these Regulations, and in the Guidelines established by Faculty Board after October 1988.

5.2. At the end of each semester, there may be an essessment in each of the subjects, in accordance with the Guidelines established by Faculty Board.

5.3. The assessment will take into consideration the candidate's performance in coursework assigned during the semester and/or examinations held at the end of the semester, in accordance with the Guidelines established by Faculty Board.

5.4. When the Faculty Board is not satisfied with the performance of the candidate in any of the subjects, it may require that the candidate be re-assessed through a re-examination and/or a re-submission of coursework, and/or satisfy other conditions as the Faculty Board may impose.

5.5. There will be assessment sessions in January and in May. There will be a re-assessment session in September.

6. Assessment of Part 2

6.1. At the end of each year, there will be assessments in each of the subjects, in accordance with the Guidelines established by Faculty Board.

6.2. The assessment will take into consideration the candidate's performance in coursework assigned during the semesters and/or examinations held at the end of the year, in accordance with the Guidelines established by Faculty Board.

6.3. There will be examination sessions in June, and a re-examination session in September.

6.4. When the Faculty Board is not satisfied with the performance of the candidate in any of the subjects, it may require that the candidate be re-assessed through a re-examination and /or a re-submission of coursework, and/or satisfy other conditions as the Faculty Board may impose.

7. Progress in Course

7.1. The candidate shall not be allowed to proceed to the following year of the course, if the Faculty Board is not satisfied with the performance of each candidate over each year.

7.2. A candidate who is not allowed to proceed to the following year of the course, under regulation 7.1. above, may be allowed by the Faculty Board to repeat the relevant year of the course. No candidate shall be allowed to repeat more than once during the whole course.

8. Results and Degree Classification

8.1. At the end of each semester of Part 1, each student's academic performance, in each subject assessed, shall be published, graded A, B, C, D, or Fail, in accordance with the Guidelines established by Faculty Board, provided that for the first semester paragraph 5.1. above shall apply.

8.2. In Part 2, each student's academic performance over each year shall be consolidated and published as one result A, B, C, D, or Fail, in accordance with the Guidelines established by Faculty Board. The examinations and coursework over the final two years shall be moderated by external examiners, appointed by Senate, on the advice of the Faculty Board.

8.3. Candidates qualify for the award of a degree on the successful completion of their final year. The final classification of the Degree for every successful candidate will be based on the results obtained in every year of the Course, in accordance with the Guidelines established by the Faculty Board. The names of the candidates who qualify for the award of the B.E.&A. degree shall be published in alphabetical order in a list divided into the categories, First Class Honours, Second Class Honours (Upper Division), Second Class Honours (Lower Division), Third Class Honours, or Pass, in accordance with the Guidelines established by the Faculty Board.

8.4. For the purposes of degree classification, the marks carried over in the case of any re-assessment shall be the minimum mark.

8.5. In Part 2, candidates who repeat any year, or who have been required to re-submit any dissertation or any thesis project work, may only qualify for a Pass degree.

9. Application of Regulations

These regulations shall apply only to the Course which started in February, 1987.

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