L.N. 84 of 1989

EDUCATION ACT, 1988

(ACT XXIV OF 1988)

Regulations for the Degree of Bachelor of Engineering and Architecture (Honours)

IN exercise of the powers conferred upon him by section 29 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 (Honours) and shall apply only to the course which started in February 1983.

Admission

1. To be eligible for admission to the degree of Bachelor of Engineering and Architecture (Honours), a candidate must:

(i) comply with the provisions of Section 37 of the Education Act 1974;

(ii) satisfy the Entry Requirements in accordance with Regulation 3 below; and

(iii) complete the course of studies as laid down in these Regulations and qualify in the Assessments.

Duration of Course

2. The course of studies leading to the degree of Bachelor of Engineering and Architecture extends over a period of seven years, consisting, for the first five years, of five academic semesters of not more than six months' duration alternating with five work semesters of not more than six months' duration, followed by a sixth year consisting of two consecutive academic semesters and a seventh year consisting of one academic semester with each semester of not more than four months' duration.

Entry Requirements

3. A candidate may apply for admission to the Course of Engineering and Architecture if in possession of:

I Three 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,

or, has successfully completed the Course for "Architects' Assistants and Draughtsmen" run by the Department of Education.

II Four passes at Ordinary Level, or equivalent.

The subjects offered must include:

(a) Maltese (Malta Matriculation)
(b) English Language,
(c) At least one from Arabic, French, German, Italian,
(d) Any other subject from the approved list.

For the purpose of Admission the Faculty evaluates the Architects' Assistants and Draughtsmen certificate as equivalent to an "A" Level subject at grade "A".

(N.B. No subject may be offered at both "A" and "O" Levels.)

Course Curriculum

4. The subjects of the course of Engineering and Architecture are the following:

First Year (Academic Semester I)
Graphics
Communications and Stereotomy
History of Architecture and Engineering
Fluid Mechanics
Solid Mechanics
Mathematics
Building Materials/Concrete Technology
Social Sciences

Second Year (Academic Semester II)
Architecture Design/Typology
History of Architecture and Engineering
Mathematics
Building Construction/Concrete Technology
Environmental Studies
Surveying
Hydraulics/Elements of Structures

Third Year (Academic Semester III)
Architectural Design/Typology/Landscaping
Urban Studies
History of Architecture and Engineering
Mathematics
Building Construction and Services
Hydraulics
Theory of Structures
Structural Design

Fourth Year (Academic Semester IV)
Architectural Design
Urban Design /Road Design
Hydrology/Public Health Engineering
Geotechnics
Theory of Structures
Structural Design
Mathematics

Fifth Year (Academic Semester V)
Architectural Design
Building Laws/Regulations

Quantities/Project Management/Valuations
Foundation/Marine Engineering
Theory of Structures
Structural Design

Sixth Year (Academic Semesters VI, VII)
Dissertation (Preliminary)
Thesis Project (Preliminary)
Option A: Architectural Studies,
or Option B: Building Engineering Studies,
or Option C: Infrastructural Engineering Studies,
or Option D: Urban Planning Studies,
(in accordance with the course structure approved by Faculty Board)

Seventh Year (Academic Semester VIII)
Dissertation Final
Thesis Project Final

Assessment

5. Assessment of a student's performance during each academic semester will be by means of continuous assessment and examinations in accordance with the criteria established by the Faculty Board. Continuous assessment may take the form of tutorials, laboratory work, assignments, tests, projects and any other work which the student is scheduled to cover during the study semester.

6. There will be examinations at the end of each academic semester. External examiners will be included in the Boards of Examiners at the end of the last academic semester of the course.

Results

7. In each year except the Sixth and Seventh Year, the assessments over the academic semester are consolidated and published as one result and graded as A, B, C, D or Fail for each student. The grade allocated to different subjects will be available to the students at their request and in confidence.

8. Candidates who fail in their final year may be re-examined in the dissertation/project in which they fail not later than twelve months after the end of their final academic semester.

Candidates qualify for the award of a degree on the successful completion of their final year.

9. In the case of candidates who repeat a year or are re-examined in the area/areas of the final year the respective mark carried forward to the final classification of the degree shall be the minimum passmark.

10. The final classification of the Degree for every successful candidate will be based on the results obtained in every year of the Course and published as one result under the following categories:

First Class Honours, Second Class Honours (Upper Division), Second Class Honours (Lower Division), Third Class Honours, and Pass.

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