

Legal Notice 25 of 2016 – Malta Government Gazette No. 19,523 – 19 January 2016
Amended by:
Legal Notice 160 of 2016 – Malta Government Gazette No. 19,570 – 9 May 2016
Legal Notice 334 of 2016 – Malta Government Gazette No. 19,653 – 7 October 2016
Legal Notice 112 of 2018 – Malta Government Gazette No. 19,974 – 6 April 2018
Legal Notice 281 of 2018 – Malta Government Gazette No. 20,038 – 14 August 2018
Legal Notice 53 of 2019 – Malta Government Gazette No. 20,158 – 2 April 2019
Legal Notice 133 of 2019 – Malta Government Gazette No. 20,217 – 21 June 2019
Legal Notice 274 of 2020 – Malta Government Gazette No. 20,428 – 26 June 2020
Legal Notice 46 of 2022 – Malta Government Gazette No. 20,778 – 2 February 2022
Legal Notice 157 of 2022 – Malta Government Gazette No. 20,865 – 24 May 2022
Legal Notice 278 of 2022 – Malta Government Gazette No. 20,959 – 15 November 2022

**EDUCATION ACT
(CAP. 327)**

**Bye-Laws of 2016 in terms of the
General Regulations for University Postgraduate Awards, 2021
for the Degree of Master of Science – M.Sc. –
under the auspices of the
Faculty of Information and Communication Technology**

IN EXERCISE of the powers conferred upon him by articles 74 (5) and 75 (6) of the Education Act (Cap. 327), the Chancellor of the University of Malta has promulgated the following bye-laws made by the Board of the Faculty of Information and Communication Technology in virtue of the powers conferred upon it by article 81 (1) (c) of the said Act and which have been approved by the Senate of the University of Malta as required by article 81 (2) of the said Act:

Citation and Interpretation

1. (1) These bye-laws may be cited as the Bye-Laws of 2016 in terms of the General Regulations for University Postgraduate Awards, 2021 for the degree of Master of Science - M.Sc. – under the auspices of the Faculty of Information and Communication Technology.

(2) In these bye-laws, unless the context otherwise requires –

“the Board” means the Board of the Faculty of Information and Communication Technology;

“the Board of Studies” means the Board of Studies appointed by Senate for the Course/area of study, on the recommendation of the Board;

“the Course” means the programme of study leading to the degree of Master of Science - M.Sc.;

“the Degree” means the degree of Master of Science - M.Sc.;

“the Postgraduate Certificate” means the Postgraduate Certificate in Information and Communication Technology - P.G. Cert.; and

“the Postgraduate Diploma” means the Postgraduate Diploma in Information and Communication Technology - P.G. Dip.; and

“the Principal Regulations” means the General Regulations for University Postgraduate Awards, 2021.

Applicability

2. These bye-laws shall be applicable for courses commencing in October 2015 or later.

Areas of Study

3. The Course shall be offered in any area of study that falls within the academic responsibility of the Board, after approval by Senate.

Requirements for Admission

4. (1) For programmes of study structured as detailed in bye-law 7 and in paragraph (a) of bye-law 8, applicants shall be in possession of:

(a) a Bachelor degree pegged at Level 6 on the Malta Qualifications Framework and obtained with at least Second Class (Honours) or Category II in ICT or an area with a strong ICT component, or in Engineering; provided that for the areas of Signal Processing and Machine Learning, or Data Science, applicants may be allowed to present a degree in an area of study deemed suitable by the Board; or

(b) a Bachelor degree pegged at Level 6 on the Malta Qualifications Framework classified with Third Class Honours or Category III in the areas outlined in paragraph (a) above, provided that such applicants shall satisfy the Board of Studies that they are in possession of other qualifications, or relevant work experience, obtained following their first cycle degree. The Board of Studies may recommend to the Faculty Admissions Committee that the admission of such applicants may be made conditional on the results of an interview conducted for the purpose; or

(c) any other Honours degree obtained with at least Second Class Honours, provided that applicants would have successfully completed at least three individual study-units as directed by the Board, prior to being admitted to the Course.

(2) For programmes of study structured as detailed in paragraph (b) of bye-law 8, applicants shall be in possession of one of the following qualifications:

(a) a Bachelor degree with a strong ICT component obtained with at least Second Class Honours (Upper Division) and comprising 180 ECTS credits or more; or

(b) a Bachelor degree with a strong ICT component obtained with at least Second Class Honours and comprising 180 ECTS credits, together with a Postgraduate Diploma in an ICT related discipline; or

(c) the degree of Bachelor of Engineering (Honours) – B.Eng.(Hons) - with at least Second Class Honours in an ICT related area of study.

(3) The admission of applicants under sub-paragraph (f) of paragraph (1) of this bye-law and of applicants under paragraph (2) of this bye-law may be made conditional on the results of an interview conducted for the purpose.

(4) Interviews, when necessary, shall be conducted by a board composed of at least three members.

(5) Eligible applicants may register as visiting students for individual study-units and obtain credit for them. Subject to approval by the Board, credits awarded for any such study-units may be transferred to the Course, provided that not more than seven years have elapsed from the successful completion of the study-unit. When credit for more than one study-unit is being transferred to the Course, then the seven years shall commence from the date of the last credit awarded.

Course Duration

5. (1) The Course shall extend over three semesters of full-time study or the equivalent in part-time study.

(2) The Course may include a summer period as specified in the programme of study.

Programme of Study

6. (1) The programme of study for any area of study offered in the Course may be either mainly taught or mainly by research, and shall comprise study-units to which a total of 90 ECTS credits shall be assigned.

(2) Students who obtain 30 ECTS credits for taught study-units with an average mark of at least 50% and do not proceed with the Course, or having proceeded do not successfully complete the Course, shall be eligible for the award of the Postgraduate Certificate.

(3) Students who obtain the 60 ECTS credits for taught study-units with an average mark of at least 50% and do not proceed with the Course, or having proceeded do not successfully complete the dissertation, shall be eligible for the award of the Postgraduate Diploma.

7. Mainly taught programmes of study shall comprise taught study-units to which a total of 60 ECTS credits are assigned and a dissertation study-unit to which 30 ECTS credits are assigned.

8. Programmes of study mainly by research shall be of two types and shall comprise either:

(a) taught study-units to which 30 ECTS credits are assigned and a dissertation study-unit to which 60 ECTS credits are assigned; or

(b) taught study-unit/s to which 10 ECTS credits are assigned and a dissertation study-unit to which 80 ECTS credits are assigned.

9. In cases where an applicant lacks essential knowledge in particular areas not covered in his/her first degree, the Board, on the recommendation of the Board of Studies, may require the applicant to follow and pass supplementary study-units at level 4 or lower to which not more than 12 ECTS credits are assigned.

10. The programme of study shall be published after approval by Senate, normally not less than eight months prior to the commencement of the Course.

Assessment and Progress

11. (1) The assessment of each taught study-unit shall be held by the end of the semester in which the teaching of the study-unit is held.

(2) Students who in any academic year fail in the assessment of not more than 20 ECTS credits, if following the Course full-time, or not more than 10 ECTS credits if following the Course part-time, shall be given the opportunity to re-sit the failed assessments during the September supplementary examination session.

(3) Students who fail in more than the number of credits permitted under paragraph (2) of this bye-law, or students who after re-assessment fail to obtain credit for any study-unit, shall be deemed to have failed the Course.

Dissertations in Mainly Taught Programmes of Study

12. (1) In mainly taught programmes of study, structured as detailed in paragraph (1) of bye-law 7, students shall be required to submit an individual dissertation (30 ECTS credits) of not more than 20,000 words in accordance with the guidelines issued by the Board of Studies. The dissertation must also satisfy the Board as regards content and presentation.

(2) Work on the dissertation shall be undertaken during the third semester of the Course. Each student shall be assigned a supervisor who shall provide guidance and advice on a regular basis during the period of study.

(3) A provisional title for the dissertation and a detailed research proposal shall be submitted to the Board of Studies for approval before the end of the second semester.

(4) Students shall seek approval from the Board of Studies through their supervisor for any substantial modifications in the title or content of the dissertation.

(5) Students shall be required to have regular contact with their supervisor, who shall submit to the Board of Studies progress reports for the student/s under their supervision at the end of each semester of studies, whether the student is following the Course on a full-time or part-time basis.

(6) Reports submitted by supervisors may include recommendations to (a) either extend the period of study in order to enable the student to complete the dissertation; or (b) terminate studies prematurely if the supervisor deems this to be proper in the circumstances, provided that:

(i) the extension of the study period referred to in (a) shall be in accordance with the provisions of the Principal Regulations; and

(ii) the Board may not terminate studies prematurely according to (b) until it has first given the student a chance to be heard.

Dissertations in Programmes of Study by Research

13. (1) In programmes of study mainly by research, structured as detailed in paragraph (a) of bye-law 8, students shall be required to submit an individual dissertation (60 ECTS credits) of approximately 32,000 words in accordance with the guidelines issued by the Board of Studies. The dissertation must also satisfy the Board as regards content and presentation.

(2) Work on the dissertation shall be undertaken throughout the Course after approval of a detailed proposal which will also include a provisional title for the dissertation. This detailed research proposal shall be submitted to the Board of Studies for approval before the end of the first semester. Each student will be assigned a supervisor who shall provide guidance and advice on a regular basis during the period of study.

14. (1) In programmes of study mainly by research, structured as detailed in paragraph (b) of bye-law 8, students shall be required to submit an individual dissertation (80 ECTS credits) of a maximum of 35,000 words in accordance with the guidelines issued by the Board. The dissertation must also satisfy the Board as regards content and presentation.

(2) Applications for this type of research Master shall be approved by the Board and shall include the following details:

- (a) a provisional title; and
- (b) a provisional research proposal.

15. (1) Each student shall be assigned a supervisor by the Board who shall provide guidance and advice during the period of study, starting from the formulation of a detailed written proposal.

(2) Work on the dissertation may be undertaken at any time during the Course after approval of the proposal.

16. (1) For programmes of study by research as defined in bye-law 8, students shall be required to report to their supervisor at least once every two months, and in addition as often as the supervisor deems necessary.

(2) At the end of each semester of studies, supervisors shall be required to submit to the Board of Studies reports regarding the students under their supervision. Students shall seek approval from the Board of Studies for any substantial modification in the title or content of the dissertation.

(3) The Board of Studies shall periodically inform the Board, in writing, on the general performance of each student. Such advice may include a recommendation to either (a) extend the period of study in order to enable the student to complete the dissertation; or (b) terminate studies prematurely if the supervisor deems this to be proper in the circumstances, provided that the conditions specified in sub-paragraphs (i) and (ii) of paragraph (6) of bye-law 12 shall also apply in these cases.

Classification of the Awards

17. The Final Weighted Average Mark for the purpose of the classification of the Postgraduate Diploma and the Degree shall be based on the results obtained in all the components of the programme of study, all credits being weighted equally.

Special Provisions for Part-Time Courses

18. The provisions of the foregoing bye-laws shall apply *mutatis mutandis* to courses followed on a part-time basis, and subject to such changes as may reasonably be deemed by the Board as necessary due to the part-time nature of the Course.

Repeal

19. The Bye-Laws of 2009 in terms of the General Regulations for University Postgraduate Awards, 2008 for the degree of Master of Science – M.Sc. – under the auspices of the Faculty of Information and Communication Technology, published as Legal Notice 81 of 2009, shall be deemed to cease to be in force as from 1st October 2015, provided that students registered for this course before 1st October 2015 shall continue to be governed by the bye-laws that were in force at the time of their joining the course.