



Chapter (4)

Regulations for the Master Degree

Article (14) Admission Requirements:

In addition to the conditions contained in Article (5), it is required of the applicant to:

1. Have a B.Sc. degree in the same specialization in Engineering or a related Engineering field with a minimum grade of “GOOD”, (CGPA= 2.333), or equivalent.

The Faculty council may approve the recommendation of the Department Council to accept the admission of a student having a bachelor's degree in a different specialization after passing a number of supplementary courses determined by the Department Council. The supplementary courses should not be more than four courses and should not be pre-requisites for graduate courses. The student must obtain a cumulative average not less than 2.000 in the supplementary courses before joining the program. Such courses will not be counted towards the program credit hours.

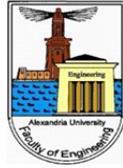
2. Students having a B.Sc. with a “PASS” grade, (2.000), or equivalent may be admitted to the M.Sc. program in the same field if they have a specialized graduate diploma in the field with a minimum (2.333) grade point.

3. The student must successfully pass the courses with a CGPA of at least (2.333); otherwise, the student must register in additional courses or repeat some courses to improve his CGPA:

A – In the case of Master of Engineering (without thesis), the student submits a request to the head of the department to register the scientific report and determine the report supervisor(s). The department council then approves the registration.

B - In the case of Master of Science in Engineering (with thesis), the principal supervisor must determine the thesis main subject, the research plan, and the supervision committee. The department council approves the registration after the student presents his research plan before the council.

1. Obtaining the ICDL and proving acceptable level in the English language are two requirements for the Master's degree that should be satisfied prior to the discussion and defense of the scientific report or thesis and in accordance with the resolutions of the University Council and the Faculty Council. (The condition to obtain the ICDL was cancelled by the University Council on 22.03.2012)
2. After the completion of students of all course requirements with a CGPA of at least 2.333 and also the completion of the thesis or the scientific report, the principal supervisor submits a validity report to the Department Council including the proposed Defense Committee.



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3. The M.Sc. degree is awarded to students who pass their thesis defense before the Defense Committee. The CGPA is not recorded in the final awarded certificate. Master of Engineering students are awarded the degree after defending their scientific report before the Defense Committee. The CGPA and all course records including the scientific report grade will be shown on the M.Eng. certificate with the condition that all these record grades be not less than 2.333.

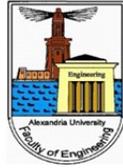
Article (15) Hours of Study for the Master Degree:

In order to receive a Master degree, the student must complete a number of credit hours as follows:

- 30 credit hours + 3 credit hours for the scientific report in the case of Master of Engineering.
- 24 credit hours + 8 credit hours for the thesis in the case of Master of Science in Engineering

Article (16) Supervision:

1. The Faculty Council appoints based on the Department Council's recommendation a supervising committee from among professors or associate professors. It is possible to appoint lecturers (assistant professors) in supervising committees, however, the supervising committee should not exceed four members who are resident in Egypt. The principal supervisor must be from the Faculty of Engineering- Alexandria University.
2. If the student conducts his research outside the university, the supervising committee may contain a specialist or doctoral degree holder with experience in the area of research specialization; this must be approved by the Faculty Council.
3. In the event of any of the supervisors traveling before one year has passed since the approval of the supervising committee, his/her name will be removed from the committee with a recommendation from the Department Council and the approval of the Faculty Council.
4. In the event of any of supervisors traveling after one year since the approval of the supervising committee, he/she must provide a report signed by the supervising committee on the student's progress in research during the period of supervision. This supervisor keeps his right to publish the results of the thesis but his signature is not required on the validity report.
5. The Supervising Committee must submit a periodical progress report every six months on the student progress in his research signed by all the members of the Supervising Committee. In the case of different opinions of the Supervising Committee members, the Department Council and the Faculty's Graduate Studies Committee make the appropriate decision. The students are notified by the Graduate Studies Administration office of the decision in the progress report



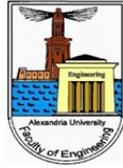
being one of the following three: the continuation of the student's registration, warning or cancellation.

6. The student Registration in the program is canceled if the student has three progress reports stating that his performance is unsatisfactory and after he/she has received three warnings.

Article (17) Defense Committee:

First: Master of Science (with thesis) - Defense Committee

1. After completely the preparation of the thesis, the Principal Supervisor of the thesis presents to the concerned Department Council, the following:-
 - A validity report stating the adequacy of the thesis for discussion and determining its scientific and research standard, and the scientific contribution and additions the research has accomplished. This report must be signed by the Supervising Committee. If one of the supervisors is abroad, the head of the department should contact him/her for approval of the validity report by mail, fax, or e-mail. In case no reply is received within three weeks implicit acceptance of the report is assumed.
 - Proposed Defense Committee for the thesis.
 - Specific title of the thesis.
2. Based on the department council's recommendation, the faculty council approves the Defense Committee formed consisting of three members, one of which is the principal supervisor. The other two members are professors, associate professors, and/ or equivalent specialists, of which at least one is from outside the Faculty. The head of this committee is the senior member. More than one supervisor may be members of the committee; in this case all supervisors will have one vote. The University's Vice President for Graduate Studies and Research approves this formation.
3. The thesis defense may be conducted with the presence of one member of the supervising committee, even if the other supervising committee members are absent.
4. If the thesis is not defended during the three months from the date of university approval to form the Defense Committee, re-approval of the committee with the same members is a must. The second time a new committee must to be formed.
5. The Defense Committee may return the thesis to the student in order to correct the deficiencies after which a collective report is submitted to the department council recommending that the student be given six months from the date of the defense to make necessary corrections and completions. The Defense Committee or one of its members is selected to give the final approval of the thesis.



Second: The Master of Engineering (without thesis) - Defense Committee:

1. After completely preparing the scientific report, the Principal Supervisor of the scientific report presents to the concerned Department Council, the following:-
 - a. Validity Report for the scientific report.
 - b. Proposed Defense Committee for the scientific report.
 - c. Specific title of the scientific report.
2. The Department Council forms a Defense Committee of three members, one of whom is the Principal Supervisor. The other two members should be university professors or associate professors, current or previous; or equivalent specialists. The head of this committee is the senior member. All the members may be from the Faculty of Engineering, Alexandria University.
3. Each member of the Defense Committee presents an individual report in a sealed envelope to the Head of the Committee containing a summary of the scientific report and evaluation.
4. The Department Council determines a date for the scientific report defense at the request of the Principal Supervisor with the approval of the Defense Committee at the end of one of the semesters, Fall or Spring.
5. After the defense the Head of the Defense Committee announces the Committee's decision after the signing of the collective report by all the members of the Committee. The report should include the average score of the scientific report (60% of the total), the average score for the defense (40% of the total) and the final grade of the scientific report (the report grade should be at least C+ and should include the recommendation to grant the degree of Master of Engineering. The Committee may recommend postponing granting the degree of Master of Engineering. The student will then re-defend the modified scientific report before the same committee with maximum time till the end of the semester after the one when the first defense was held.
6. Pre-determined forms must be filled for the individual and collective evaluation and the final grade and recommendation. These forms should be approved by the Faculty Council.