

Program Requirements for Ph.D. Programs in Engineering

You may find the new graduation requirements for Ph.D. programs which are related both the new students and the registered students below comparatively with the old requirements.

SUMMARY OF GRADUATION REQUIREMENTS (NEW)					SUMMARY OF GRADUATION REQUIREMENTS (OLD)				
Course Category	Ph.D. (Post-Master's)		Ph.D. (Post-Bachelor's)		Course Category	Ph.D. (Post-Master's)		Ph.D. (Post-Bachelor's)	
	Min. ECTS Credits	Min. Number of Courses	Min. ECTS Credits	Min. Number of Courses		Min. ECKB Credits	Min. Number of Courses	Min. ECTS Credits	Min. Number of Courses
Elective Courses	52,5	7	105	14	Elective Courses	42	7	84	14
Fundamental Research Courses	-	-	7,5	1	Fundamental Research Courses	18	3	36	6
GSE 680 Graduate Study and Seminars for Research, Innovation and Ethics in Engineering	7,5	1	7,5	1	Ph.D. Thesis	120	1	120	1
ME/EE/IE/CS 900 Ph.D. Qualification Exam	30	1	30	1					
ME/EE/IE/CS 970 Ph.D. Thesis Proposal	30	1	30	1					
ME/EE/IE/CS 977 Ph.D. Thesis Study I	30	1	30	1					
ME/EE/IE/CS 978 Ph.D. Thesis Study II	30	1	30	1					
ME/EE/IE/CS 979 Ph.D. Thesis Study III	30	1	30	1					
ME/EE/IE/CS 980 Ph.D. Thesis Defense	30	1	30	1					
Total ECTS Credits	240		300		Total ECTS Credits	180		240	

By force of these new requirements, the adaptation rules for the registered students are as follows:

Rules for Credit and Grade Transfers for Ph.D. Programs

The new graduation requirements and new ECTS credits for courses will be effective starting from the 2016-2017 Spring Semester.

The status of graduating students who failed to complete the total ECTS credits required for graduation as per the Rules and Regulations for Graduate Programs dated April 20, 2016 is evaluated by the Graduate School Executive Board.

The grade and credit transfers are completed for the registered students as follows:

COURSES (Post-Master's Ph.D. Program)

Students are exempt from the electives up to the number of electives they previously passed, but must take the remaining electives with the newly assigned credits.

Students who completed 5 or more electives are exempt from the GSE 680 course. Students who completed fewer than 5 electives must take the GSE 680 course.

The total credits of elective, basic research and the GSE 680 courses must be at least 60 ECTS credits. These students must complete the remaining credits with basic research courses.

COURSES (Post-Bachelor's Ph.D. Program)

Students are exempt from the electives up to the number of electives they previously passed, but must take the remaining electives with the newly assigned credits.

Students who completed 10 or more electives are exempt from the GSE 680 course. Students who completed fewer than 10 electives must take the GSE 680 course.

The total credits of elective, basic research and the GSE 680 courses must be at least 120 ECTS credits. These students must complete the remaining credits with basic research courses.

Ph.D. QUALIFICATION:

The new CFD for the 900 Ph.D. Qualification course must be applied starting from the 2016-2017 Fall semester.

Students who passed the Ph.D. Qualification Exam are exempt from the 900 Ph.D. Qualification Work (It is sufficient to submit the decision of the Graduate School Executive Board which verifies that the student successfully passed the exam, even if the student did not take the course with the course code "900" before.)

DOCTORAL DISSERTATION:

Students who are registered for the 990 Doctoral Dissertation course (and are awarded with a Grade IP for this course at least once during their studies) are assigned a Grade S at the end of the 2016-2017 Fall semester. These students are exempt from the courses 977 and 978 but they must complete the courses 979 and 980. Students must take and successfully complete these courses during their period of study, starting from the 2016-2017 Spring semester.

Publication Requirements for Ph.D. Programs in Engineering

In addition to above mentioned program requirements, a PhD candidate is requested to satisfy the following publication requirement before the thesis defense:

a) SCI journal publication accepted

OR,

b) SCI-Expanded journal publication accepted

OR,

c) Only for Industrial Engineering PhD Students: SSCI Journal publication accepted with departmental approval