

Course Requirements

Course	Course Credits				Research	Total
	General Course	Mandatory Major	Elective Major (Essential)	Elective Major (Elective)		
Master	3	3	6	12	At least 12	At least 36
Ph.D	3	-	9	30	At least 30	At least 72

□ Master Program

- A. Graduation Credits: At least 36 credits
- B. General Courses: 3 credits
 - Should select at least 1 course among CC500 Science Writing in English, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials and Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC530 Entrepreneurship and Business Strategies.
 - CC010 Leadership seminar (Credits are not granted, but it is a mandatorily required course, except part-time and foreign students).
- C. Mandatory Major Course: 3 credits
 - RE510 Intelligent Robot Design Lab
- D. Elective Major Courses(Essential): 6 credits
 - Should select at least 2 courses among EE581 Linear Systems, MAE553 Robot Dynamics, MAE655 Robotics Engineering, EE683 Robot Control, CS510 Computer Architecture.
- E. Elective Major Courses(Elective): 12 credits
 - Take at least 12 credits among the courses offered in the Robotics Program.
- F. Research: At least 12 credits
 - It could be substituted with research course in the student's department.

□ Ph.D. Program

- A. Graduation Credits: At least 72 credits
- B. General Courses: 3 credits
 - Not required, if you have already fulfilled this in the master's program.
- C. Elective Major Courses(Essential): 9 credits
 - Should select at least 3 courses among EE581 Linear Systems, MAE553 Robot Dynamics, MAE655 Robotics Engineering, EE683 Robot Control, CS510 Computer Architecture, RE510 Intelligent Robot Design Lab.
- D. Elective Major Courses(Elective): 30 credits
 - Take at least 30 credits among the courses offered in the Robotics Program.
- E. Research: At least 30 credits
 - It could be substituted with research course in the student's department.
- F. Others: Credits earned in the master's program are accumulated in the Ph.D. program. (Except for research credits).