

ELECTRICAL-ELECTRONICS ENGINEERING DOUBLE MAJOR PROGRAM			
1. YEAR 1. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
KHAS101	Origins and Consequences	5	COMMON
KHAS103	History of Humankind	5	COMMON
KHAS105	Universal Values and Ethics	5	COMMON
KHAS107	Design	5	COMMON (KHAS107 is not a compulsory course in the Law Department. Students of the Law Department must take KHAS107 in the Electrical-Electronics Engineering Double Major Program)
KHAS109	Computational Thinking	5	COMMON (KHAS109 is not a compulsory course in the Theatre Department. Students of the Theatre Department must take KHAS109 in the Electrical-Electronics Engineering Double Major Program)
TLL101 / TLL103	Critical Reading and Writing in Turkish I / Speaking, Reading and Writing in Turkish for International Students I	3	COMMON
1. YEAR 2. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
Core Elective Course of 5 ECTS in total		5	Core Electives taken from the Major Program and passed successfully can be transferred as Core Electives in the Electrical-Electronics Engineering Double Major Program. However, if the courses to be transferred as Core Elective courses to the Electrical-Electronics Engineering Double Major Program are not 5 ECTS in total, must be completed.
KHAS102	Scientific Discoveries and Engineering	5	KHAS102 is not a common course in the Law, Psychology, Economics, International Relations, Business, Management Information Systems, International Trade and Finance, Visual Communication Design, Public Relations and Information, Radi, Television and Cinema, Advertising, New Media, Industrial Design, Interior Architecture and and Environmental Design, Theatre, Computer Engineering, Industrial Engineering Departments students must take KHAS102 in the Electrical-Electronics Engineering Double Major Program. KHAS102 is a COMMON course with Mechatronics Engineering, Molecular Biology and Genetics Departments.
KHAS112	Thinking Mathematically	6	KHAS112 is not a common course in the Law, Psychology, Visual Communication Design, Public Relations and Information, Radio, Television and Cinema, Advertising, New Media, Industrial Design, Interior Architecture and and Environmental Design, Theatre Departments. Students of the Law, Psychology, Visual Communication Design, Public Relations and Information, Radio, Television and Cinema, Advertising, New Media, Industrial Design, Interior Architecture and and Environmental Design, Theatre Departments students must take KHAS112 in the Electrical-Electronics Engineering Double Major Program. KHAS112 is a COMMON course with Architecture Political Science and Public Administration, Economics, International Relations, Business, Management Information Systems, Computer Engineering, Industrial Engineering, Civil Engineering, Mechatronics Engineering, Molecular Biology and Genetics Departments.
KHAS110 / KHAS120	Civic Responsibility Project / Civic Responsibility Project for International Students	2	COMMON
TLL102 / TLL104	Critical Reading and Writing in Turkish II / Speaking, Reading and Writing in Turkish for International Students II	3	COMMON
EEE102	Fundamentals of Electrical-Electronics Engineering	5	
MTE192	Robotics Start-Up Project	6	COMMON for Mechatronics Engineering
2. YEAR 3. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
HST101	History of Modern Turkey I	2	COMMON
FENS201	Applied Engineering Mathematics I	6	COMMON for Civil Engineering, Mechatronics Engineering
FENS203	Materials	4	COMMON for Mechatronics Engineering
EEE203	Circuit Analysis I	5	
EEE207	Tools for Electrical-Electronics Engineering	6	
MTE293	Mantıksal Design Projesi	8	COMMON for Mechatronics Engineering
2. YEAR 4. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
HST102	History of Modern Turkey II	2	COMMON
FENS202	Applied Engineering Mathematics II	6	COMMON for Civil Engineering, Mechatronics Engineering
EEE204	Circuit Analysis II	5	
EEE206	Programming	4	
EEE208	Electronics Design Project	6	

EEE299	Internship I	6	
3. YEAR 5. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS200	Probability and Statistics	4	<i>COMMON for Civil Engineering, Mechatronics Engineering</i>
EEE303	Electronics I	5	
EEE305	Microcontrollers	5	
EEE307	Signals and Systems	5	<i>COMMON for Mechatronics Engineering</i>
EEE309	Software-Hardware Int.Project	8	
3. YEAR 6. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS300	Numerical Methods	5	<i>COMMON for Civil Engineering, Mechatronics Engineering</i>
EEE302	Communications I	5	
EEE304	Electronics II	5	
EEE306	Electromagnetics	5	
EEE308	Communication Project	7	
EEE399	Internship II	6	
4. YEAR 7. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS401	Engineering Design Project I	6	<i>COMMON for Civil Engineering, Mechatronics Engineering</i>
4. YEAR 8. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS400	Engineering Design Project II	10	<i>COMMON for Civil Engineering, Mechatronics Engineering</i>
EEE406	Innovation and Entrepreneurship	3	
ELECTRICAL-ELECTRONICS ENGINEERING DOUBLE MAJOR PROGRAM FIELD AND FREE ELECTIVE COURSES			
EEE Field Elective Course of 15 ECTS in total	15	<i>Free Elective courses taken from the Major Program and successfully completed, the EEE coded and non-compulsory courses in the Department of Electrical-Electronics Engineering can be transferred as the Field Elective of the Department of Electrical-Electronics Engineering. However, if the courses to be transferred to the Electrical-Electronics Engineering Double Major Program are not 15 ECTS in total, must be completed.</i>	
Free Elective Course of 10 ECTS in total	10	<i>Field Elective courses (non-EEE coded courses and Field Elective and Non-Compulsory Courses in the Department of Electrical-Electronics Engineering taken from the Major Program and passed successfully can be transferred as Free Elective courses in the Department of Electrical-Electronics Engineering. However, if the free elective courses to be transferred to the Electrical-Electronics Engineering Double Major Program are not 10 ECTS in total, must be completed.</i>	
Elective Project of 16 ECTS in total	16	<i>In the Electrical-Electronics Engineering Double Major Program, a total of 16 ECTS elective project courses must be taken.</i>	
GRAND TOTAL: 240 ECTS			