

CIVIL 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 Civil 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 Civil 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 10 ECTS in total		10	Core Electives taken from the Major Program and passed successfully can be transferred as Core Electives in the Civil Engineering Double Major Program. However, if the courses to be transferred as Core Elective courses to the Civil Engineering Double Major Program are not 10 ECTS in total, must be completed.
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 Civil 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, Electrical-Electronics Engineering, Industrial 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
CIV102	Equilibrium of Physical Systems	6	COMMON for Mechatronics Engineering
CIV106	Litosphere	5	
2. YEAR 3. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
HST101	History of Modern Turkey I	2	COMMON
FENS200	Probability and Statistics	4	COMMON for Electrical-Electronics Engineering, Mechatronics Engineering
FENS201	Applied Engineering Mathematics I	6	COMMON for Electrical-Electronics Engineering, Mechatronics Engineering
CIV199	Summer Practice I	4	
CIV221	Project Management	4	
CIV261	Strength of Materials	6	
CIV263	Dynamics of Physical Systems	4	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 Electrical-Electronics Engineering, Mechatronics Engineering
FENS310	Economics for Engineers	4	COMMON for Mechatronics Engineering
CIV242	Investigation of Behavior of Fluids	6	
CIV252	Theory of Structures	4	
CIV282	Investigation of Construction Materials	8	
3. YEAR 5. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
CIV299	Summer Practice II	4	
CIV321	Site Management	2	

CIV341	Hydraulics	5	
CIV351	Design of Steel Structures	7	
CIV371	Investigation of Properties of Soil	7	
3. YEAR 6. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS300	Numerical Methods	5	<i>COMMON for Electrical-Electronics Engineering, Mechatronics Engineering</i>
CIV332	Transportation Engineering	4	
CIV342	Water Resources Engineering	4	
CIV372	Foundation Engineering	5	
CIV382	Behavior of Reinforced Concrete Members	7	
4. YEAR 7. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS401	Engineering Design Project I	6	<i>COMMON for Electrical-Electronics Engineering, Mechatronics Engineering</i>
CIV399	Summer Practice III	4	
CIV491	Design of a Reinforced Concrete Structure	5	
4. YEAR 8. SEMESTER			
Course Code	Course Name	ECTS	EXPLANATION
FENS400	Engineering Design Project II	10	<i>COMMON for Electrical-Electronics Engineering, Mechatronics Engineering</i>
CIVIL ENGINEERING DOUBLE MAJOR PROGRAM FIELD AND FREE ELECTIVE COURSES			
CIV Field Elective Course of 30 ECTS in total		30	<i>Free Elective courses taken from the Major Program and successfully completed, the CIV coded and non-compulsory courses in the Department of Civil Engineering can be transferred as the Field Elective of the Department of Civil Engineering. However, if the courses to be transferred to the Civil Engineering Double Major Program are not 30 ECTS in total, must be completed.</i>
Free Elective Course of 15 ECTS in total		15	<i>Field Elective courses (non-CIVcoded courses and Field Elective and Non-Compulsory Courses in the Department of Civil Engineering taken from the Major Program and passed successfully can be transferred as Free Elective courses in the Department of Civil Engineering. However, if the free elective courses to be transferred to the Civil Engineering Double Major Program are not 15 ECTS in total, must be completed.</i>
GRAND TOTAL: 240 ECTS			