

1st SEMESTER				2nd SEMESTER							
COURSE NUMBER	COURSE	T	P	C	ECTS	COURSE NUMBER	COURSE	T	P	C	ECTS
CIV101	Introduction to Civil Engineering and Ethics	2	0	2	4	CIV102	Statics	3	0	3	3
CIV103	Technical Drawing and Computer Aided Engineering Design	2	2	3	3	PHYS102	Physics II	3	2	4	7
PHYS101	Physics I	3	2	4	7	MATH102	Mathematics II	4	0	4	7
CHEM101	Chemistry I	3	0	3	3	TDL102	Turkish II	2	0	2	2
MATH101	Mathematics I	4	0	4	7	EAP102	English for Academic Purposes II	2	0	2	2
TDL101	Turkish I	2	0	2	2	ATA102	History of Atatürk Principles and Revolution II	2	0	2	2
EAP101	English for Academic Purposes I	2	0	2	2	CIV904	Social Responsibility Project and Volunteer Work	2	0	2	2
ATA101	History of Atatürk Principles and Revolution I	2	0	2	2	KRY100	Career Planning	1	0	1	2
		<b>20</b>	<b>4</b>	<b>22</b>	<b>30</b>		Technical Elective Course I	1	2	2	3

**20 4 22 30**

□

**Technical Elective Course I (Programming Group) (4)**

CIV122	Introduction to C/C++ Programming	1	2	2	3
CIV124	Introduction to MATLAB Programming	1	2	2	3
CIV126	Introduction to Python Programming	1	2	2	3

3rd SEMESTER				4th SEMESTER							
COURSE NUMBER	COURSE	T	P	C	ECTS	COURSE NUMBER	COURSE	T	P	C	ECTS
CIV201	Dynamics	3	0	3	5	CIV202	Hydraulics	3	0	3	4
CIV203	Engineering Mathematics	3	0	3	5	CIV204	Construction Materials	2	2	3	5
CIV205	Strength of Materials I	3	0	3	4	CIV206	Numerical Analysis	2	2	3	6
CIV207	Geology for Civil Engineers	2	0	2	2	CIV208	Practical Training I (2)	0	0	0	2
CIV209	Materials Science	3	0	3	5	CIV210	Statistics	3	0	3	4
CIV211	Fluid Mechanics	3	0	3	5	CIV212	Strength of Materials II	3	0	3	4
CIV213	Occupational Health and Safety I	2	0	2	2	CIV214	Surveying	1	2	2	3
CIV215	Building and Architectural Knowledge	2	0	2	2	CIV216	Occupational Health and Safety II	2	0	2	2
		<b>21</b>	<b>0</b>	<b>21</b>	<b>30</b>			<b>16</b>	<b>6</b>	<b>19</b>	<b>30</b>

**16 6 19 30**

5th SEMESTER				6th SEMESTER							
COURSE NUMBER	COURSE	T	P	C	ECTS	COURSE NUMBER	COURSE	T	P	C	ECTS
CIV301	Structural Analysis I	3	0	3	4	CIV302	Structural Analysis II	3	0	3	4
CIV303	Soil Mechanics I	3	0	3	4	CIV304	Soil Mechanics II	3	0	3	4
CIV305	Construction Management	3	0	3	4	CIV306	Reinforced Concrete I	3	0	3	4
CIV307	Hydrology	3	0	3	4	CIV308	Practical Training II (2)	0	0	0	2
CIV309	Entrepreneurship	3	0	3	4	CIV310	Steel Structures II	3	0	3	4
CIV311	Highway Design	3	0	3	4	CIV312	Project Management	3	0	3	4
CIV313	Steel Structures I	3	0	3	4		Technical Elective Course II	3	0	3	6
	Non-Technical Elective Course (1)	2	0	2	2		Non-Technical Elective Course (1)	2	0	2	2
		<b>23</b>	<b>0</b>	<b>23</b>	<b>30</b>			<b>20</b>	<b>0</b>	<b>20</b>	<b>30</b>

**20 0 20 30**

	Non-Technical Elective Course (1) (Civil Engineering)				
USEC 191	Technical English	2	0	2	2

	Non-Technical Elective Course (1) (Civil Engineering)				
USEC192	Japanese	2	0	2	2

Non-Technical Elective Course (1)					
USEC 102	History of Science	2	0	2	2
USEC 104	Photography	2	0	2	2
USEC 106	Fine Arts	2	0	2	2
USEC 108	Latin Dances	2	0	2	2
USEC 110	Music Culture	2	0	2	2
USEC 112	Turkish Folk Dances	2	0	2	2
USEC 114	Applied Sports	2	0	2	2

Non-Technical Elective Course (1)					
USEC 102	History of Science	2	0	2	2
USEC 104	Photography	2	0	2	2
USEC 106	Fine Arts	2	0	2	2
USEC 108	Latin Dances	2	0	2	2
USEC 110	Music Culture	2	0	2	2
USEC 112	Turkish Folk Dances	2	0	2	2
USEC 114	Applied Sports	2	0	2	2

**Technical Elective Course II (4)**

CIV314	Concrete Technology	3	0	3	6
CIV316	Water Supply and Environmental Sanitation	3	0	3	6
CIV318	Concrete Roads	3	0	3	6
CIV320	Construction Elements	3	0	3	6
CIV322	Soil Improvement Methods	3	0	3	6
CIV324	Waste Management and Recycling	3	0	3	6

CIV326	Geotechnical Investigation	3	0	3	6
--------	----------------------------	---	---	---	---

7th SEMESTER					
COURSE NUMBER	COURSE	T	P	C	ECTS
CIV401	Final Project (3)	0	2	1	6
CIV403	Reinforced Concrete II	1	2	2	3
CIV405	Foundation Engineering	3	0	3	3
CIV407	Water Resources Engineering	3	0	3	3
CIV409	Earthworks and Road Pavement Design	3	0	3	3
	Technical Elective Course III	3	0	3	6
	Design Elective Course I	3	0	3	6
		<b>16</b>	<b>4</b>	<b>18</b>	<b>30</b>

Technical Elective Course III (4)					
CIV411	Durability in Concrete and Reinforced Concrete Structures	3	0	3	6
CIV413	Dams	3	0	3	6
CIV415	Prefabricated Structures	3	0	3	6
CIV417	Flexible Pavement Design	3	0	3	6
CIV419	Introduction to Geotechnical Earthquake Engineering	3	0	3	6
CIV421	Construction Scheduling	3	0	3	6
CIV423	Introduction to Rock Mechanics	3	0	3	6
CIV425	Computer Aided Structural Analysis	3	0	3	6
CIV427	Measurement of Soil Properties	3	0	3	6

Design Elective Course I (Design Group) (4)					
CIV451	Traffic Engineering	3	0	3	6
CIV453	Project of Retaining Walls	3	0	3	6
CIV455	Design of Reinforced Concrete Structures and Foundations	3	0	3	6
CIV457	Design of Bridges	3	0	3	6
CIV459	Design of Steel Structures	3	0	3	6
CIV461	Computer Aided Reinforced Concrete Structural Design	3	0	3	6
CIV463	Water Supply and Design of Waste Water Structures	3	0	3	6
CIV465	Design of Water Structures	3	0	3	6
CIV467	Marine Structures Design	3	0	3	6
CIV469	Repair and Retrofit of Buildings	3	0	3	6
CIV471	Design of Earthquake Resistant Structures	3	0	3	6
CIV473	Thermal Insulation Design of Buildings	3	0	3	6
CIV475	Design of Transportation Construction	3	0	3	6
CIV477	Energy Efficient Design	3	0	3	6
CIV479	Geotechnical Design	3	0	3	6

8th SEMESTER					
COURSE NUMBER	COURSE	T	P	C	ECTS
<b>İş Yeri Uygulama Paketi Ders Grubu</b>					
CIV402	Workplace Training Practice (5)	0	30	15	30
		<b>0</b>	<b>30</b>	<b>15</b>	<b>30</b>
<b>Akademi Paketi Ders Grubu</b>					
CIV404	Structural Dynamics	3	0	3	6
	Technical Elective Course IV	3	0	3	6
	Technical Elective Course IV	3	0	3	6
	Technical Elective Course IV	3	0	3	6
	Technical Elective Course IV	3	0	3	6
	Technical Elective Course IV	3	0	3	6
		<b>15</b>	<b>0</b>	<b>15</b>	<b>30</b>

CIV406	Final Project (6)	0	2	1	6
<b>Technical Elective Course IV (4)</b>					
CIV408	Introduction to Composite Materials	3	0	3	6
CIV410	Sustainable Construction Materials	3	0	3	6
CIV412	Structural Physics	3	0	3	6
CIV414	Sea Outfall Structures	3	0	3	6
CIV416	Coastal Structures and Harbours	3	0	3	6
CIV418	Foundation Engineering II	3	0	3	6
CIV420	Reinforced Concrete High-Rise Buildings	3	0	3	6
CIV422	Structural Methods of Buildings	3	0	3	6
CIV424	Structural Analysis III	3	0	3	6
CIV426	Tunnels	3	0	3	6
CIV428	Structural Chemicals	3	0	3	6
CIV430	Construction Machinery	3	0	3	6
CIV432	Tunnel Boring Methods	3	0	3	6
CIV434	Introduction to Earthquake Engineering	3	0	3	6

(1) Alan Dışı Seçmeli Dersler Üniversitenin başka programlarındaki aynı tür dersler arasından seçilecektir ve öğrenciler bu dersleri kendi bölümlerinden alamaz. 5. dönem ve 6. dönem Alan Dışı seçmeli dersler aynı olamaz.

(2) Öğrenci özel veya kamu kurum / kuruluşlarında İnşaat alanında staj yapmak zorundadır.

İnşaat Mühendisliği Staj Yönergesine göre yürütülür.

(3) Ders Bitirme Projesi Yönergesine göre yürütülür.

(4) Mesleki Seçmeli ders ve/veya Tasarım Semeli dersten kalan öğrenci aynı gruptan seçmeli ders seçmek zorundadır.

(5) İş yerinde Eğitim Uygulamasını alabilmesi için öğrencinin alt dönemden hiçbir derste ve stajının kalmamış olması şartı aranır. İş yerinde Eğitim Uygulaması yönergesine göre yürütülür.

(6) Yalnızca 10. Yarıyıl ve sonrası mezuniyete hak kazanabilecek öğrenciler alabileceklerdir. Madde 3'deki koşul geçerlidir.