

Department of Civil Engineering - Undergraduate Curriculum															
Semester I							Semester II								
Code	Title	Prerequisites	T	P	Cr	ECTS	Code	Title	Prerequisites	T	P	Cr	ECTS		
UNI 111	Critical Reading and Writing in Turkish I		3	0	3	5	UNI 112	Critical Reading and Writing in Turkish II		3	0	3	5		
ENGR 101	Introduction to Programming		2	2	3	5	UNI XXX	Core Course Elective I-NTE		3	0	3	5		
ENGR 105	Introduction to Engineering		2	0	1	2	ENGR100	Computer Skills		0	2	1	2		
LIFE 101	Life Sciences I - Chemistry		3	0	3	5	LIFE 102	Life Sciences II - Biology		3	0	3	5		
MATH 103	Calculus I		3	2	4	6	MATH 104	Calculus II	MATH 103	3	2	4	6		
PHYS 103	Physics I		3	2	4	6	PHYS 104	Physics II		3	2	4	6		
PHYS 103L	Physics I - Lab		0	2	1	1	PHYS 104L	Physics II - Lab		0	2	1	1		
Semester Total =						19	30	Semester Total =						19	30
							UNI 100	Exploring Istanbul		3	0	3	5	Cum 41 Cr	
Semester III							Semester IV								
Code	Title	Prerequisites	T	P	Cr	ECTS	Code	Title	Prerequisites	T	P	Cr	ECTS		
UNI 123	Textual Analysis & Effective Communication-		3	0	3	5	UNI 118	Understanding Politics & Economy		3	0	3	5		
MATH 205	Differential Equations	MATH 103	2	2	3	5	UNI 124	Textual Analysis and Academic Writing-NTE		3	0	3	5		
ENGR 205	Statics	PHYS 103	2	2	3	5	ENGR 251	Probability for Engineers	ENGR 105, MATH 104	2	2	3	5		
ENGR 201	Engineering Drawing	ENGR 100	2	2	3	5	ENGR 206	Strength of Materials	ENGR 205	2	2	3	5		
ENGR 241	Introduction to Earth Science		3	0	3	5	ENGR 264	Fluid Mechanics	PHYS 103	2	2	3	5		
ENGR 244	Engineering Materials	ENGR 100	2	2	3	5	CE 242	Soil Mechanics	ENGR 241	2	2	3	5		
Semester Total =						18	30	Semester Total =						18	30
							IE 200	Summer Practice (25 work days)		(non-credit)			5	Cum 77 Cr	
Semester V							Semester VI								
Code	Title	Prerequisites	T	P	Cr	ECTS	Code	Title	Prerequisites	T	P	Cr	ECTS		
UNI 201	Formations of Modern Turkey I		3	0	3	5	UNI 202	Formations of Modern Turkey II		3	0	3	5		
UNI XXX	Core Course Elective II-NTE		3	0	3	5	CE 332	Reinforced Concrete Structures I	CE 331	2	2	3	5		
ENGR 252	Statistics for Engineers	ENGR 251	2	2	3	5	CE 342	Foundation engineering	CE 242	2	2	3	5		
CE 331	Structural Analysis	ENGR 206	2	2	3	5	CE 354	Civil Engineering Materials Laboratory	CE 242, CE 351	2	2	3	5		
CE 351	Construction Materials	ENGR 244	2	2	3	5	CE 367	Introduction to Environmental Engineering		2	2	3	5		
CE 361	Hydraulic Engineering	ENGR 264	2	2	3	5	CE 371	Transportation System Engineering		3	0	3	5		
Semester Total =						18	30	Semester Total =						18	30
							IE 300	Summer Practice (25 work days)		(non-credit)			5	Cum 113 Cr	
Semester VII							Semester VIII								
Code	Title	Prerequisites	T	P	Cr	ECTS	Code	Title	Prerequisites	T	P	Cr	ECTS		
ENGR 497	Global Design Project I		1	2	2	10	ENGR 498	Global Design Project II	ENGR 497	1	2	2	10		
CE 431	Steel Structures	ENGR 206	2	2	3	5	xxx	General Elective I		3	0	3	5		
CE 455	Construction Engineering & Management		3	0	3	5	CE xxx	Departmental Elective III		3	0	3	5		
CE xxx	Departmental Elective I		3	0	3	5	CE xxx	Departmental Elective IV		3	0	3	5		
CE xxx	Departmental Elective II		3	0	3	5	CE xxx	Departmental Elective V		3	0	3	5		
Semester Total =						14	30	Semester Total =						14	30
														Cum 141 Cr	
Abbreviations: T (Theory), P (Practice), Cr (Credit), ECTS credit							No. of Courses							49	
Total Credits Required for Graduation							Average Credit Load Per Semester							17,625	