

2019-2020 Güz Yarıyılında Kayıtlanan Öğrenciler İçin Geçerli Eğitim Planı

First Semester				Prerequisite / Corequisite	Ects
PHYS	121	General Physics I	(3+2)4		7
CHEM	121	General Chemistry I	(3+0)3		5
CHEM	141	General Chemistry Lab	(0+2)1		2
MATH	145	Calculus for Engineering and Science I	(4+2)5		7
CE	101	Introduction to Civil Engineering	(2+0)2		6
ENG	101	Development of Reading and Writing Skills I	(3+0)3		3
Total : 18 Credits					Total: 30 Ects

Second Semester				Prerequisite / Corequisite	Ects
MATH	146	Calculus for Engineering and Science II	(4+2)5		8
PHYS	122	General Physics II	(3+2)4		8
ENG	102	Development of Reading and Writing Skills II	(3+0)3		3
CE	102	Technical Drawing	(2+2)3		5
CE	221	Engineering Mechanics I: Statics	(2+2)3	MATH 145	6
Total : 18 Credits					Total: 30 Ects

Third Semester				Prerequisite / Corequisite	Ects
MATH	255	Differential Equations	(4+0)4		6
CE	224	Mechanics of Materials	(2+2)3	CE221	5
CE	231	Engineering Economy	(3+0)3		3
CE	241	Materials Science	(2+2)3		4

CE	203	Engineering Geology	(2+2)3		4
CE	205	Statistical Methods for Engineers	(3+0)3		4
HIST	201	Principles of Atatürk I	(2+0)0		2
TURK	201	Turkish Language I	(2+0)0		2
TURK**	203	Turkish for Foreigners I	(2+0)0		2
HIST**	203	History of Turkish Revolution I	(2+0)0		2
** Yabancı					
Total : 19 Credits					Total: 30 Ects

Fourth Semester				Prerequisite / Corequisite	Ects
MATH	265	Basic Linear Algebra	(3+0)3		4
CE	204	Engineering Surveying	(2+2)3		4
CE	222	Engineering Mechanics II: Dynamics	(3+0)3	PHYS 121	5
CE	104	Introduction to Computer Programming	(2+2)3		5
CE	244	Materials of Construction	(3+2)4		4
CE	272	Fluid Mechanics	(3+0)3		4
HIST	202	Principles of Atatürk II	(2+0)0		2
TURK	202	Turkish Language II	(2+0)0		2
TURK**	204	Yabancılar İçin Türkçe	(2+0)0		2
HIST**	204	Türk Devrim Tarihi II	(2+0)0		2
** Yabancı					
Total : 19 Credits					Total: 30 Ects

Fifth Semester				Prerequisite / Corequisite	Ects
CE	301	Numerical Methods	(3+0)3	MATH 145	3
CE	361	Soil Mechanics I	(3+2)4		5
CE	371	Hydromechanics	(3+2)4	CE 272	4
CE	321	Introduction to Structural Mechanics	(3+0)3	CE 224	6

CE	351	Introduction to Transportation Engineering	(2+2)3		5
CE	300	Summer Practice I	(0+0)0		7
Total : 17					Total: 30 Ects

Sixth Semester				Prerequisite / Corequisite	Ects
CE	362	Foundation Engineering I	(3+0)3	CE 361 (3+2)4	5
CE	362	Foundation Engineering I	(3+0)3	CE 361	5
CE	372	Engineering Hydrology	(3+0)3		5
CE	322	Introduction to Structural Analysis	(3+0)3	CE 224	6
CE	324	Fundamentals of Reinforced Concrete Design	(3+0)3	CE 224	6
CE	332	Construction Engineering and Management	(3+0)3		5
		Non-Technical Elective	(3+0)3		3
Total : 18 Credits					Total: 30 Ects

Seventh Semester				Prerequisite / Corequisite	Ects
CE	421	Fundamentals of Structural Steel Design	(3+0)3	CE 224	4
CE	471	Water Resources Engineering	(3+0)3	CE 371	4
		Technical Elective	(3+0)3		5
		Technical Elective	(3+0)3		5
		Technical Elective	(3+0)3		5
CE	400	Summer Practice II	(0+0)0		7
Total : 15 Credits					Total: 30 Ects

Eighth Semester				Prerequisite / Corequisite	Ects
CE	402	Civil Engineering Design	(0+6)3		12

		Technical Elective	(3+0)3		5
		Technical Elective	(3+0)3		5
		Technical Elective	(3+0)3		5
		Non-Technical Elective	(3+0)3		3
Total : 15 Credits					Total: 30 Ects

TOTAL CREDITS :		139	Total: 240 Ects
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