

DOUBLE MAJOR IN CIVIL ENGINEERING FOR ARCHITECTURE STUDENTS

First Semester

Course Code	Course Name	C	L/P	C	ECTS
PHY-101	General Physics I.	3	2	4	6
CHM-101	General Chemistry	3	2	4	6
TOTAL		6	4	8	12

Second Semester

Course Code	Course Name	C	L/P	C	ECTS
PHY-102	General Physics II.	3	2	4	6
GEO-102	Geology for Civil Engineering	4	0	4	5
TOTAL		7	2	8	11

Third Semester

Course Code	Course Name	C	L/P	C	ECTS
MAT-201	Diff. Eq. and Lin. algebra	3	0	3	6
MAT-203	Statistical Methods for C.E.	3	0	3	5
CE - 221	Statics	4	0	3	6
CE - 231	Engineering Economy	3	0	3	6
TOTAL		13	0	12	23

Fourth Semester

Course Code	Course Name	C	L/P	C	ECTS
MAT-202	Advanced Calculus	3	0	3	5
CE - 222	Dynamics	3	0	3	5
CE - 224	Strength of Materials I.	4	0	4	6
TOTAL		10	0	10	16

Fifth Semester

Course Code	Course Name	C	L/P	C	ECTS
MAT-305	Numerical Methods in Eng.	3	0	3	6
CE - 351	Transportation Engineering I.	3	0	3	5
CE - 361	Soil Mechanics I.	4	1	4	6
CE - 371	Fluid Mechanics	4	0	4	5
CE 300	Summer Practice I.(30 days)	0	0	0	4
TOTAL		14	1	14	26

Sixth Semester

Course Code	Course Name	C	L/P	C	ECTS
CE - 306	Computer Applic.in CE	3	0	3	6
CE - 362	Soil Mechanics II.	4	0	4	6
CE - 372	Hydromechanics	4	1	4	5
CE - 374	Engineering Hydrology	3	0	3	5
TOTAL		14	1	14	22

Seventh Semester

Course Code	Course Name	C	L/P	C	ECTS
CE - 431	Constr. Eng. and Manag.	4	0	4	6
CE - 461	Foundation Engineering	3	0	3	5
CE - 471	Water Res.Eng. I.	4	0	4	6
CE - 481	Reinforced Concrete Theory	4	0	4	5
CE - 400	Summer Practice II.(30 days)	0	0	0	4
TOTAL		15	0	15	26

Eighth Semester

Course Code	Course Name	C	L/P	C	ECTS
CE - 472	Water Res.Eng. II.	4	0	4	5
CE - 484	Design Steel Structures	4	0	4	6
CE - 486	Structural Design	4	0	4	5
CE - 498	Special Project	4	0	4	7
TOTAL		16	0	16	23

TOTAL	Contact Hs	Lab/Practice Hs	Credit	ECTS
	95	8	97	159