

1.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
FİZ1101	PHYSICS I	3+2+0	Compulsory	6
INS1101	ENGINEERING DRAWING	2+2+0	Compulsory	6
INS1103	INTRODUCTION TO CIVIL ENGINEERING	2+0+0	Compulsory	2
KİM1101	BASIC CHEMISTRY	3+2+0	Compulsory	6
MAT1101	MATHEMATICS I	4+0+0	Compulsory	6
TRD1103	TURKISH LANGUAGE I	2+0+0	Compulsory	2
YDİ1103	ENGLISH I	2+0+0	Compulsory	2
Total ECTS				30

2.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
BMÜ1162	COMPUTER PROGRAMMING	2+2+0	Compulsory	4
DJT100	DIGITAL LITERACY	2+0+0	Compulsory	3
FİZ1102	PHYSICS II	3+2+0	Compulsory	6
INS1102	ENGINEERING GEOLOGY	2+0+0	Compulsory	2
INS1104	STATIC	3+1+0	Compulsory	5
MAT1102	MATHEMATICS II	4+0+0	Compulsory	6
TRD1104	TURKISH LANGUAGE II	2+0+0	Compulsory	2
YDİ1104	ENGLISH II	2+0+0	Compulsory	2
SEÇ1002	ELECTIVE COURSE	-	Elective	3
Total ECTS				33

MMF01	ENGINEERING ECONOMICS	2+0+0	Elective	3
MMF02	ENVIRONMENT AND ENERGY	2+0+0	Elective	3
MMF03	ENGINEERING ETHICS	2+0+0	Elective	3
MMF04	INDUSTRIAL RELATIONS	2+0+0	Elective	3
MMF05	BUSINESS LAW	2+0+0	Elective	3
MMF06	OCCUPATIONAL DISEASES	2+0+0	Elective	3
MMF07	HUMAN RESOURCES MANAGEMENT	2+0+0	Elective	3
MMF08	BUSINESS MANAGEMENT	2+0+0	Elective	3
MMF09	PROJECT CYCLE MANAGEMENT	2+0+0	Elective	3
MMF10	ENERGY-SAVING	2+0+0	Elective	3
MMF11	INTELLECTUAL AND INDUSTRIAL PROPERTY	2+0+0	Elective	3

3.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AIT2203	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I	2+0+0	Compulsory	2
INS2201	MATERIAL SCIENCE	2+1+0	Compulsory	4
INS2203	DYNAMIC	2+1+0	Compulsory	5
INS2205	RESISTANCE I	2+2+0	Compulsory	5
INS2207	SURVEYING	2+2+0	Compulsory	5
MAT2201	DIFFERENTIAL EQUATIONS	4+0+0	Compulsory	5
MAT2203	LINEAR ALGEBRA I	2+1+0	Compulsory	4
Total ECTS				30

4.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
AIT2204	ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II	2+0+0	Compulsory	2
INS2202	MATERIAL OF CONSTRUCTION	2+2+0	Compulsory	5
INS2204	RESISTANCE II	2+2+0	Compulsory	5
INS2206	FLUID MECHANICS	3+0+0	Compulsory	5
INS2208	STRUCTURAL ANALYSIS I	2+2+0	Compulsory	5
INS2210	NUMERICAL ANALYSIS	2+0+0	Compulsory	3
INS2220	PROBABILITY AND STATISTICS	3+0+0	Compulsory	5
Total ECTS				30

5.Semester Course Plan				
Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
INS3301	SOIL MECHANICS	3+0+1	Compulsory	4

INS3303	STRUCTURAL ANALYSIS II	2+2+0	Compulsory	5
INS3305	TRANSPORTATION	2+1+0	Compulsory	3
INS3307	HYDRAULIC	2+0+1	Compulsory	4
INS3309	PROFESSIONAL APPLICATION I	0+1+0	Compulsory	1
İSG3397	OCCUPATIONAL HEALTH AND SAFETY-I	2+0+0	Compulsory	2
OSD3301	FREE ELECTIVE OF UNIVERSITY COURSE	-	Elective	3
SEÇ3001	TECHNICAL ELECTIVES (2 COURSE WILL BE CHOSEN)	-	Elective	8

Total ECTS **30**

INS3313	RENEWABLE ENERGY RESOURCES	3+0+0	Elective	4
INS3315	ADVANCED CONCRETE TECHNICAL	3+0+0	Elective	4
INS3317	ENVIRONMENTAL SYSTEMS IN CONSTRUCTION ENGINEERING	3+0+0	Elective	4
INS3319	INSULATION IN STRUCTURES	3+0+0	Elective	4
INS3321	STABILIZATION ON FLOORS	3+0+0	Elective	4
INS3323	TRAFFIC ENGINEERING	3+0+0	Elective	4
INS3325	CONSTRUCTION CONTRACTS	3+0+0	Elective	4

6.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
INS3302	REINFORCED CONCRETE I	3+1+0	Compulsory	5
INS3304	STEEL STRUCTURES	2+2+0	Compulsory	5
INS3306	TRANSPORTATION II	2+1+0	Compulsory	3
INS3308	HYDROLOGY	2+1+0	Compulsory	4
İSG3398	OCCUPATIONAL HEALTH AND SAFETY II	2+0+0	Compulsory	2
OSD3302	UNIVERSITY COMMON ELECTIVE COURSES	-	Elective	3
SEÇ3002	TECHNICAL ELECTIVES (2 COURSE WILL BE CHOSEN)	-	Elective	8

Total ECTS **30**

INS3312	SUSTAINABLE BUILDING MATERIALS	3+0+0	Elective	4
INS3314	URBAN PLANNING	3+0+0	Elective	4
INS3316	ADVANCED TOPICS IN STRUCTURAL ANALYSIS	3+0+0	Elective	4
INS3318	BUILDING STRUCTURES	3+0+0	Elective	4
INS3320	RAILWAY	3+0+0	Elective	4
INS3322	COMPUTER AIDED ROAD DESIGN	3+0+0	Elective	4
INS3324	CONCRETE DURABILITY	3+0+0	Elective	4
INS3326	MICROSTRUCTURE AND PROPERTIES OF BUILDING MATERIALS	3+0+0	Elective	4
INS3328	ADVANCED GROUND MECHANICS	3+0+0	Elective	4

7.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
INS4401	WATER RESOURCES AND DESIGN	3+1+0	Compulsory	5
INS4403	CONCRETE II	2+2+0	Compulsory	6
INS4405	FOUNDATIONS	2+1+0	Compulsory	5
INS4407	EARTHQUAKE ENGINEERING	2+0+0	Compulsory	3
INS4409	PROFESSIONAL APPLICATION II	0+1+0	Compulsory	1
SEÇ4001	TECHNICAL ELECTIVES (2 COURSE WILL BE CHOSEN)	-	Elective	10

Total ECTS **30**

INS4413	PROTECTION OF RESISTANCE STRUCTURES	3+0+0	Elective	5
INS4415	PROSPECTS OF DAM PROJECTS	3+0+0	Elective	5
INS4417	FRONT VOLTAGE CONCRETE BUILDING ELEMENTS	3+0+0	Elective	5
INS4419	REINFORCE HIGHRISE BUILDINGS	3+0+0	Elective	5
INS4421	ADVANCED STRENGTH OF MATERIALS	3+0+0	Elective	5
INS4423	IRRIGATION SYSTEMS	3+0+0	Elective	5
INS4425	SPECIAL CONCRETES	3+0+0	Elective	5
INS4427	INTRODUCTION TO SITUATION	3+0+0	Elective	5
INS4429	FLOOR MECHANICS APPLICATIONS	3+0+0	Elective	5
INS4431	FLEXIBLE ROAD COVERINGS	3+0+0	Elective	5

8.Semester Course Plan

Course Code	Course Name	T+A+L	Compulsory/Elective	ECTS
INS4404	WATER SUPPLY AND ENVIRONMENT HEALTH	2+1+0	Compulsory	4
INS4406	CONSTRUCTION MANAGEMENT	2+0+0	Compulsory	3
INS4408	GEOTECHNICAL DESIGN	2+1+0	Compulsory	4
INS4410	GRADUATION PROJECT	0+2+0	Compulsory	5
INS4412	COMPUTER AIDED DESIGN	2+1+0	Compulsory	4
SEÇ4002	TECHNICAL ELECTIVES (2 COURSE WILL BE CHOSEN)	-	Elective	10

Total ECTS **30**

INS4416	ROAD PAVEMENTS AND DESSIGN	3+0+0	Elective	5
INS4418	UNDERGROUND WATER	3+0+0	Elective	5
INS4420	REINFORCED CONCRETE DESIGN	3+0+0	Elective	5
INS4422	WOODEN CONSTRUCTIONS	3+0+0	Elective	5
INS4424	PERFORMANCE BASED DESIGN	3+0+0	Elective	5
INS4426	TRADITIONAL BUILDING MATERIALS	3+0+0	Elective	5
INS4428	HYDROELECTRIC POWER PLANTS	3+0+0	Elective	5
INS4430	DEEP BASIC INPUT	3+0+0	Elective	5
INS4432	REPAIR AND STRENGTHENING OF STRUCTURES	3+0+0	Elective	5
INS4434	PROJECT MANAGEMENT IN CIVIL ENGINEERING	3+0+0	Elective	5
INS4436	WASTE WATER TREATMENT	3+0+0	Elective	5
INS4438	ADVANCED STEEL STRUCTURES	3+0+0	Elective	5
INS4440	INTRODUCTION TO FINITE ELEMENTS METHOD	3+0+0	Elective	5
INS4442	INTRODUCTION TO BUILDING DYNAMICS	3+0+0	Elective	5
INS4444	TUNNELS	3+0+0	Elective	5
INS4446	GROUND INVESTIGATION	3+0+0	Elective	5
INS4448	HIGH STRUCTURES	3+0+0	Elective	5

BİNGÖL ÜNİVERSİTESİ