



Dicle Üniversitesi
FEN BİLİMLERİ ENSTİTÜSÜ
İNŞAAT MÜHENDİSLİĞİ
İNŞAAT MÜHENDİSLİĞİ (YL) (İNGİLİZCE) (TEZLİ)

1.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
FBE1001	SCIENTIFIC RESEARCH METHODS AND PUBLICATION ETHICS	3+0+0	Zorunlu	6
5061005	COURSE OF SPECIALIZATION FIELD	3+0+0	Seçmeli	6
SEC-G	Seçmeli GÜZ Dönemi Dersleri	3+0+0	Seçmeli	6
Toplam AKTS				18
5065501	THEORY OF ELASTICITY	3+0+0	Seçmeli	6
5065503	PRESTRESSED CONCRETE STRUCTURES	3+0+0	Seçmeli	6
5065505	STRUCTURAL DYNAMICS	3+0+0	Seçmeli	6
5065507	OPTIMIZATION TECHNIQUES	3+0+0	Seçmeli	6
5065509	ADVANCED STRUCTURAL ANALYSIS	3+0+0	Seçmeli	6
5065511	THEORY OF ELASTIC STABILITY	3+0+0	Seçmeli	6
5065513	MATRIX METHODS OF STRUCTURAL ANALYSIS I	3+0+0	Seçmeli	6
5065515	DESIGN PRINCIPLES OF PRECAST STRUCTURES	3+0+0	Seçmeli	6
5065517	THEORY AND APPLICATIONS OF EARTHQUAKE ENGINEERING	3+0+0	Seçmeli	6
5065519	ANALYSIS AND DESIGN OF STEEL BRIDGES	3+0+0	Seçmeli	6
5065521	GROUND IMPROVEMENT	3+0+0	Seçmeli	6
5065523	ADVANCED FOUNDATION ENGINEERING	3+0+0	Seçmeli	6
5065525	PLATE THEORY	3+0+0	Seçmeli	6
5065527	GEOSYNTHETICS CIVIL ENGINEERING PRACTICE	3+0+0	Seçmeli	6
5065529	IN-SITU TESTING AND EVALUATION	3+0+0	Seçmeli	6
5065531	ENGINEERING PROPERTIES OF SOILS	3+0+0	Seçmeli	6
5065533	HYDRAULICS OF OPEN CHANNEL FLOW	3+0+0	Seçmeli	6
5065535	DESIGN CRITERIA OF REINFORCED CONCRETE STRUCTURES	3+0+0	Seçmeli	6
5065537	COMPUTER AIDED FINITE ELEMENT ANALYSIS IN ENGINEERING APP.	3+0+0	Seçmeli	6
2.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
5061004	SEMINAR	0+1+0	Zorunlu	6
5061006	COURSE OF SPECIALIZATION FIELD	3+0+0	Seçmeli	6
SEC-B	Seçmeli BAHAR Dönemi Dersleri	3+0+0	Seçmeli	6
Toplam AKTS				18
5065502	PLASTIC DESIGN OF STEEL STRUCTURES	3+0+0	Seçmeli	6
5065504	OPTIMUM DESIGN OF STRUCTURES	3+0+0	Seçmeli	6
5065506	MATRIX METHODS OF STRUCTURAL ANALYSIS II	3+0+0	Seçmeli	6
5065508	ADVANCED MECHANICS	3+0+0	Seçmeli	6
5065510	COMPUTER APPLICATIONS IN FOUNDATION ENGINEERING	3+0+0	Seçmeli	6
5065512	ADVANCED ANALYSIS AND DESIGN OF STEEL STRUCTURES	3+0+0	Seçmeli	6
5065514	FINITE ELEMENT METHOD	3+0+0	Seçmeli	6
5065516	STEEL STRUCTURAL SYSTEMS	3+0+0	Seçmeli	6
5065518	ENVIRONMENTAL GEOTECHNIQUES	3+0+0	Seçmeli	6
5065520	THEORETICAL SOIL MECHANICS AND SOIL MODELS	3+0+0	Seçmeli	6
5065522	HYDRAULICS OF PIPELINE SYSTEMS	3+0+0	Seçmeli	6
5065524	EARTHQUAKE RESISTANT DESIGN OF STRUCTURES	3+0+0	Seçmeli	6
3.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
5062001	THESIS STUDIES I	0+1+0	Zorunlu	24
506 1001	COURSE OF SPECIALIZATION FIELD	3+0+0	Seçmeli	6
Toplam AKTS				30
4.Yarıyıl Ders Planı				
Ders Kodu	Ders Adı	T+U+L	Zorunlu/Seçmeli	AKTS
5062002	THESIS STUDIES II	0+1+0	Zorunlu	24
506 1002	COURSE OF SPECIALIZATION FIELD	3+0+0	Seçmeli	6
Toplam AKTS				30