

MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ
YAZILIM MÜHENDİSLİĞİ BÖLÜMÜ
2022/2023 Müfredat

Birinci Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
PHYS101	PHYSICS I	3	0	0	4	
PHYS103	PHYSICS LABORATORY I	0	2	0	2	
TDL101	TÜRK DİLİ I	2	0	0	1	
TİT101	TÜRK İNKILAP TARİHİ I	2	0	0	1	
MATH101	CALCULUS I	4	0	0	6	
CHEM101	GENERAL CHEMISTRY	3	0	0	5	
ENG101	ACADEMIC ENGLISH I	3	0	0	4	
SENG113	COMPUTER PROGRAMMING I	3	2	0	5	
SENG101	INTRODUCTION TO SOFTWARE ENGINEERING	2	0	0	2	
Toplam					30	

İkinci Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
ENG102	ACADEMIC ENGLISH II	3	0	0	4	
PHYS102	PHYSICS II	3	0	0	4	
PHYS104	PHYSICS LABORATORY II	0	2	0	2	
MATH104	APPLIED LINEAR ALGEBRA	3	0	0	6	
MATH102	CALCULUS II	4	0	0	6	MATH101
TİT102	TÜRK İNKILAP TARİHİ II	2	0	0	1	
TDL102	TÜRK DİLİ II	2	0	0	1	
SENG114	COMPUTER PROGRAMMING II	3	2	0	6	SENG113
Toplam					30	

Üçüncü Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
SENG207	PROBABILITY AND STATISTICS	3	0	0	6	
SENG201	OBJECT ORIENTED PROGRAMMING	3	2	0	6	SENG114
ENGR201	DIFFERENTIAL EQUATIONS	4	0	0	6	
SENG209	SOFTWARE REQUIREMENTS ENGINEERING	3	0	0	6	
ENGR265	PRINCIPLES OF OCCUPATIONAL HEALTH AND SAFETY I	2	0	0	3	
SENG211	SOFTWARE PROJECT MANAGEMENT	3	0	0	6	
Toplam					33	

Dördüncü Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
ENGR202	DISCRETE MATHEMATICS	4	0	0	6	
SENG206	CONCEPTS OF PROGRAMMING LANGUAGES	3	0	0	6	SENG114
ENGR266	PRINCIPLES OF OCCUPATIONAL HEALTH AND SAFETY II	2	0	0	3	
SENG212	SOFTWARE DESIGN PATTERNS	3	0	0	6	
ENGRXXX veya UEXXX	FACULTY ELECTIVE veya UNIVERSITY ELECTIVE	2	0	0	3	
SENG204	DATA STRUCTURES	3	2	0	6	SENG201
Toplam					30	

Beşinci Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
SENG303	DESIGN AND ANALYSIS OF ALGORITHMS	3	0	0	5	SENG204
SENG301	DATABASE MANAGEMENT SYSTEMS	3	0	0	5	SENG201
SENG307	SOFTWARE ARCHITECTURE	3	0	0	5	
SENG305	OPERATING SYSTEMS	3	0	0	6	SENG204
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENG300	INDUSTRIAL PRACTICE I	0	2	0	4	
Toplam					30	

Altıncı Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
SENG304	COMPUTER NETWORKS	3	0	0	6	
SENG308	SOFTWARE TESTING AND QUALITY ASSURANCE	3	0	0	6	
SENG302	SECURE SOFTWARE DEVELOPMENT	3	0	0	6	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENG306	SCIENTIFIC COMPUTING	3	0	0	7	SENG113
Toplam					30	

Yedinci Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
SENG401	GRADUATION PROJECT I	3	3	0	6	SENG204
SENG400	INDUSTRIAL PRACTICE II	0	2	0	4	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
Toplam					30	

Sekizinci Yarıyıl						
Ders Kodu	Dersin Adı	T	U	L	AKTS	Ön Şart*
SENG402	GRADUATION PROJECT II	3	3	0	7	SENG204
ENGRXXX veya UEXXX	FACULTY ELECTIVE veya UNIVERSITY ELECTIVE	2	0	0	3	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
SENGXXX	DEPARTMENT ELECTIVE	3	0	0	5	
Toplam					30	

T: Teori U: Uygulama L: Ulusal Kredi AKTS: Avrupa Kredi Transfer Sistemi

*Ön Şart sütunundaki dersler en az DD notuyla başarıyla geçilmiş olmalıdır.