

**BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMINDA ÇAP YAPACAK İLETİŞİM TASARIMI BÖLÜMÜ TÜRKÇE PROGRAMI ÖĞRENCİLERİ İÇİN DERS PLANI**

BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMI DERS PLANI			İLETİŞİM TASARIMI BÖLÜMÜ TÜRKÇE PROGRAMI DERS PLANINDAKİ EŞDEĞER DERSLER			ÇAP ÖĞRENCİSİNİN BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ İNGİLİZCE PROGRAMI DERS PLANINDAN ALMAK ZORUNDA OLDUĞU DERSLER		
<b>1. YARIYIL</b>			<b>1. YARIYIL</b>			<b>1. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE1001	Programming I	8				CSE1001	Programming I	8
CSE1003	Introduction to Computer Engineering	5				CSE1003	Introduction to Computer Engineering	5
MCB1001	Calculus I	5				MCB1001	Calculus I	5
PHY1001	Physics I	5				PHY1001	Physics I	5
ATA1001	Principles of Atatürk and History of Reforms I	2	ATA1001	Atatürk İlkeleri ve İnkılap Tarihi I	2			
TR1001	Turkish I	2	TR1001	Türkçe I	2			
YDI1001	Foreign Language I	3	YDI1001	Yabancı Dil I (İngilizce)	3			
<b>2. YARIYIL</b>			<b>2. YARIYIL</b>			<b>2. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE2002	Programming II	8				CSE2002	Programming II	8
CSE0191	Chemistry	5				CSE0191	Chemistry	5
MCB1002	Calculus II	5				MCB1002	Calculus II	5
PHY2001	Physics II	5				PHY2001	Physics II	5
ATA2001	Principles of Atatürk and History of Reforms II	2	ATA2001	Atatürk İlkeleri ve İnkılap Tarihi II	2			
TR2001	Turkish II	2	TR2001	Türkçe II	2			
YDI2001	Foreign Language II	3	YDI2001	Yabancı Dil II (İngilizce)	3			
<b>3. YARIYIL</b>			<b>3. YARIYIL</b>			<b>3. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE3003	Object Oriented Programming	8				CSE3003	Object Oriented Programming	8
CSE3021	Digital Design I	6				CSE3021	Digital Design I	6
MCB1004	Linear Algebra	5				MCB1004	Linear Algebra	5
CSE3013	Discrete Structures	6				CSE3013	Discrete Structures	5
CSE3209	Academic Writing (English)	3				CSE3209	Academic Writing (English)	3
	Non-Technical Elective	2		Seçmeli Alan Dışı (SAD) Ders	2			
<b>4. YARIYIL</b>			<b>4. YARIYIL</b>			<b>4. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE4014	Data Structures and Algorithms I	8				CSE4014	Data Structures and Algorithms I	8
CSE4061	System Analysis and HCI Design	5				CSE4061	System Analysis and HCI Design	5
CSE4050	Signals & Systems for Computer Engineers	5				CSE4050	Signals & Systems for Computer Engineers	5
CSE4023	Computer Organization	5				CSE4023	Computer Organization	5
CSE4024	Microprocessors	5				CSE4024	Microprocessors	5
	Non-Technical Elective	2		Seçmeli Alan Dışı (SAD) Ders	2			
<b>5. YARIYIL</b>			<b>5. YARIYIL</b>			<b>5. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE5031	Operating Systems	5				CSE5031	Operating Systems	5
CSE5041	Database Design and Development	6				CSE5041	Database Design and Development	6
	Technical Elective*	6					Technical Elective*	6
MCB1007	Introduction to Probability and Statistics	5				MCB1007	Introduction to Probability and Statistics	5
CSE5000	Web Programming	6				CSE5000	Web Programming	6
CSE5094	Internship I	2				CSE5094	Internship I	2
<b>6. YARIYIL</b>			<b>6. YARIYIL</b>			<b>6. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
	Technical Electives*	12					Technical Electives*	12
CSE6032	Computer Networks	7				CSE6032	Computer Networks	7
CSE6064	Software Engineering	6				CSE6064	Software Engineering	6
MCB1008	Numerical Methods	5				MCB1008	Numerical Methods	5
<b>7. YARIYIL</b>			<b>7. YARIYIL</b>			<b>7. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
	Technical Electives*	24					Technical Electives*	24
CSE7311	Presentation Skills (English)	2				CSE7311	Presentation Skills (English)	2
CSE7098	Engineering Economics	2				CSE7098	Engineering Economics	2
CSE7095	Internship II	2				CSE7095	Internship II	2
<b>8. YARIYIL</b>			<b>8. YARIYIL</b>			<b>8. YARIYIL</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS
CSE8090	Graduate Project	12				CSE8090	Graduate Project	12
	Technical Electives*	18					Technical Electives*	18
<b>TOPLAM</b>		<b>240</b>	<b>TOPLAM</b>		<b>18</b>	<b>TOPLAM</b>		<b>221</b>
<b>SEÇİMLİK ALAN DERSLERİ (SA)</b>			<b>EŞDEĞER SEÇİMLİK ALAN DERSLERİ</b>			<b>DİKKAT: ÇAP öğrencisinin ikinci anadal ders planından alması gereken derslerin AKTS toplamı en az 60 olmalıdır.</b>		
DERS KODU	DERS ADI	AKTS	DERS KODU	DERS ADI	AKTS			
CSE0403	Graphical User Interface Design and Development	6						
CSE0404	Game Programming	6						
CSE0405	Programming Languages	6						
CSE0406	Mobile Programming	6						
CSE0415	Data Structures and Algorithms II	6						
CSE0416	Analysis of Algorithms	6						
CSE0420	Embedded Systems	6						
CSE0421	Cryptography	6						
CSE0422	Digital Design II	6						
CSE0425	Parallel and Distributed Programming	6						
CSE0426	Robotics	6						
CSE0427	Computer Architecture	6						
CSE0433	Mobile and Wireless Networks	6						
CSE0434	Network Security	6						
CSE0435	Control Theory	6						
CSE0440	Artificial Intelligence	6						
CSE0442	Data Warehouses and Data Mining	6						
CSE0443	Machine Learning	6						
CSE0444	IT Project Management	6						
CSE0451	Image Processing	6						
CSE0452	Computer Graphics	6						
CSE0453	Multimedia Compression and Processing	6						
CSE0462	Software Development with Standards	6						
CSE0463	Software Quality & Testing	6						
CSE0495	Engineering Ethics & Law	6						
CSE0496	Graph Theory & Social Networking	6						
CSE0497	Service Science Management & Engineering	6						
CSE0499	Special Topics in Computer Engineering	6						
EE3202	Logic Design	6						
EE4401	Introduction to Telecommunications	6						
MCB1005	Differential Equations	5						
MCB1003	Calculus III	5						
IE4201	Operations Research I	7						
IE0607	Industrial Applications of Nanotechnology	4						
IE0608	Introduction to Renewable Energy	4						
IE7203	Simulation and Modeling	6						
<b>TOPLAM</b>		<b>0</b>	<b>TOPLAM</b>		<b>0</b>			
Öğretim dili Türkçe olan programlardan Bilgisayar Mühendisliği Bölümü İngilizce Programına çift anadal başvurusu için öğrencilerden en az 75 TOEFL ya da 6 IELTS ya da 80 YDS (KPDS-ÜDS) puanı almaları istenilecektir.								