

**T.C.**  
**ESKİŞEHİR TEKNİK ÜNİVERSİTESİ**  
**LİSANSÜSTÜ EĞİTİM ENSTİTÜSÜ**  
**BİLGİSAYAR MÜHENDİSLİĞİ ANABİLİM DALI**  
**TEZLİ YÜKSEK LİSANS (İNGİLİZCE) PROGRAMI**  
**DERS PLANI**

<b>I. YARIYIL</b>				<b>II. YARIYIL</b>			
BİL519	Advanced Algorithm Analysis (İleri Algoritma Analizi) (İng.)	3+0	7,5	BİL546	Advanced Database Management Systems (İleri Veri Tabanı Yönetim Sistemleri) (İng.)	3+0	7,5
	Elective Courses (Seçmeli Dersler)	-	<u>22,5</u>	BİL553	Object Oriented Systems (Nesne Tabanlı Sistemler) (İng.)	3+0	7,5
				BİL592	Seminar (Seminer) (İng.)	3+0	7,5
					Elective Courses (Seçmeli Dersler)	-	<u>7,5</u>
			30,0				30,0
<b>III. YARIYIL</b>				<b>IV. YARIYIL</b>			
BİM790	Thesis (Tez) (İng.)	0+1	<u>30,0</u>	BİM790	Thesis (Tez) (İng.)	0+1	<u>30,0</u>
			30,0				30,0

**SEÇMELİ DERSLER**

BİL537	Mathematics for Artificial Intelligence	3+	7,5
BİL538	Machine Learning	0	7,5
BİL539	Artificial Intelligence	0	7,5
BİL541	Computer Vision	0	7,5
BİL542	Digital Image Processing	0	7,5
BİL543	Fuzzy Logic	0	7,5
BİL544	Data Science	0	7,5
BİL545	Deep Learning	0	7,5
BİL547	Text Mining	0	7,5
BİL548	Pattern Analysis	0	7,5
BİL549	Recommender Systems	0	7,5
BİL552	Programming Languages	0	7,5
BİL555	Advanced Computer Networks	0	7,5
BİL554	Operating Systems	0	7,5
BİL556	Computer Graphics	0	7,5
BİL557	Internet Software	0	7,5
BİL558	Parallel Programming	0	7,5

BİL559	Software Engineering	3+	7,5
		0	
BİL560	Data Access Systems	3+	7,5
		0	
BİL562	Network Security	3+	7,5
		0	
BİL572	Big Data Systems	3+	7,5
		0	
BİL573	Artificial Intelligence in Healthcare	3+	7,5
		0	
BİL578	Data Mining	3+	7,5
		0	
FBE510	Ethics of Science and Research Techniques	2+	7,5
		0	
FBE510-O	Ethics of Science and Research Techniques (Online)	2+	7,5
		0	
TAÇ701	Thesis Research Study Course	3+	7,5
		0	
UBM701	Research in Area of Specialization	3+	4,5
		0	
UBM702	Research in Area of Specialization	3+	4,5
		0	