

**CURRICULUM**

<b>BİLİŞİM SİSTEMLERİ VE TEKNOLOJİLERİ BÖLÜMÜ</b>				<b>DEPARTMENT</b>				
<b>BİRİNCİ YARIYIL (GÜZ) / FIRST SEMESTER</b>								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
HUM	103	Humanities	-	2	0	0	2	3
MATH	133	Basic Mathematics	-	3	0	0	3	5
ECON	111	Principles of Microeconomics	-	3	0	0	3	7
AFE	131	Academic English I	-	2	2	0	3	4
ACM	105	Informatics Management	-	3	0	0	3	5
ACM	111	Introduction to Computer and Information Processing	-	3	0	0	3	6
<b>Toplam</b>				<b>16</b>	<b>2</b>	<b>0</b>	<b>17</b>	<b>30</b>
<b>İKİNCİ YARIYIL (BAHAR) / Second Semester</b>								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
MATH	134	Advanced Mathematics	-	3	0	0	3	5
ECON	122	Principles of Macroeconomics	-	3	0	0	3	7
ACM	262	Introduction to Web Design	-	3	0	0	3	6
ACM	112	Introduction to Graphics Design	-	3	0	0	3	5
ACM	221	System Analysis & Algorithms	-	3	0	0	3	7
<b>Toplam</b>				<b>15</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>30</b>
<b>ÜÇÜNCÜ YARIYIL (GÜZ) / Third Semester</b>								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
TKL	201	Turkish Language I		2	0	0	2	2
ACM	222	Structural Programming	ACM221	2	0	2	3	6
ACM	365	Advanced Web Design	ACM262	3	0	0	3	6
STAT	410	Statistics		3	0	0	3	5
ACM	211	Data Structures and Database Applications		3	0	0	3	6
		Free Elective I		3	0	0	3	5
<b>Toplam</b>				<b>16</b>	<b>0</b>	<b>2</b>	<b>17</b>	<b>30</b>
<b>DÖRDÜNCÜ YARIYIL (BAHAR) / Fourth Semester</b>								
Kod Code		Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
TKL	202	Turkish Language II		2	0	0	2	2
ACM	321	Object Oriented Programming	ACM222	3	0	0	3	6



ACM	498	Graduation Thesis		3	0	0	3	6	
ACM	414	Virtualization and Introductory Cloud Computing		3	0	0	3	6	
ACM	474	Information Systems Security		3	0	0	3	6	
		Departmental Elective V		3	0	0	3	6	
		Departmental Elective VI		3	0	0	3	6	
Toplam				15	0	0	15	30	
Genel Toplam								130	240

**BÖLÜM SEÇMELİ DERSLER (GÜZ) / AREA ELECTİVES**

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
ACM 363	Wireless Networks and Mobile Communication Systems		3	0	0	3	6
ACM 311	Visual Programming I	ACM221	3	0	0	3	6
ACM 331	Concepts of Programming Languages	ACM222	3	0	0	3	6
ACM 462	Decision Support Systems		3	0	0	3	6
ACM 471	Knowledge Management		3	0	0	3	6
ACM 472	3-D Design and Game Programming		3	0	0	3	6

**BÖLÜM SEÇMELİ DERSLER (BAHAR) / AREA ELECTİVES**

Kod Code	Dersler Courses	Önkoşul Prerequisite	T	U	L	Y Credit	AKTS ECTS
ACM 362	Networking II	ACM361	3	0	0	3	6
ACM 364	Database Management Systems	ACM212	3	0	0	3	6
ACM 366	E-Business		3	0	0	3	6
ACM 432	Enterprise Information Systems	ACM312	3	0	0	3	6
ACM 468	Virtual Reality Technologies		3	0	0	3	6
ACM 476	Data Mining		3	0	0	3	6