

**DEPARTMENT OF INFORMATION SYSTEMS AND TECHNOLOGIES**

**FIRST SEMESTER (FALL)**

Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
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	111	Introduction to Computer and Information Processing	-	3	0	0	3	6
ACM	221	System Analysis & Algorithms	-	3	0	0	3	7
		Toplam		14	2	0	15	29

**SECOND SEMESTER (SPRING)**

Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
MATH	134	Advanced Mathematics	MATH 133	3	0	0	3	5
ECON	122	Principles of Macroeconomics	-	3	0	0	3	7
ACM	105	Informatics Management	-	3	0	0	3	5
ACM	114	Introduction to Computer Science and Programming	-	2	2	0	3	6
ACM	262	Introduction to Web Design	-	3	0	0	3	5
HUM	103	Humanities	-	2	0	0	2	3
		Toplam		16	2	0	17	31

**THIRD SEMESTER (FALL)**

Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
TKL	201	Turkish Language I		2	0	0	2	2
ACM	211	Data Structures and Database Applications		3	0	0	3	6
ACM	222	Structural Programming	ACM221	2	0	2	3	6
ACM	361	Networking I		3	0	0	3	4
ACM	365	Advanced Web Design	ACM262	3	0	0	3	6
STAT	410	Statistics		3	0	0	3	5
		Toplam		16	0	2	17	29

**FOURTH SEMESTER (SPRING)**

Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
TKL	202	Turkish Language II		2	0	0	2	2
ACM	212	Advanced Database Applications	ACM211	3	0	0	3	6
ACM	312	Management Information Systems		3	0	0	3	6
ACM	321	Object Oriented Programming	ACM221	3	0	0	3	6
AFN	132	Principles of Financial Accounting		3	0	0	3	6
STAT	411	Advanced Statistics Applications	STAT410	3	0	0	3	5
		Toplam		17	0	0	17	31

**FIFTH SEMESTER (FALL)**

Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
HTR	301	History of Turkish Revolutions I		2	0	0	2	2
ACM	431	Programming Mobile Devices	ACM221	3	0	0	3	6
ACM	369	Operating Systems I		3	0	0	3	6
		Departmental Elective I		3	0	0	3	6
		Departmental Elective II		3	0	0	3	6
		Free Elective I		3	0	0	3	5
		Toplam		17	0	0	17	31

SIXTH SEMESTER (SPRING)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
HTR	302	History of Turkish Revolutions II		2	0	0	2	2
ACM	368	Web Programming	ACM262	3	0	0	3	6
ACM	394	Internship in MIS		0	6	0	3	6
ACM	412	Network Prog.	ACM321	3	0	0	3	4
		Departmental Elective III		3	0	0	3	6
		Free Elective II		3	0	0	3	5
		Toplam		14	6	0	17	29
SEVENTH SEMESTER (FALL)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
ACM	411	Ethical and Human side of IT		3	0	0	3	6
ACM	421	Project Management		3	0	0	3	6
ACM	432	Enterprise Information Systems		3	0	0	3	6
		Departmental Elective IV		3	0	0	3	6
		Departmental Elective V		3	0	0	3	6
		Toplam		15	0	0	15	30
EIGHTH SEMESTER (SPRING)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
ACM	414	Virtualization and Introductory Cloud Computing		3	0	0	3	6
ACM	474	Information Systems Security		3	0	0	3	6
ACM	498	Graduation Thesis		3	0	0	3	6
		Departmental Elective VI		3	0	0	3	6
		Departmental Elective VII		3	0	0	3	6
		Toplam		15	0	0	15	30
		Genel Toplam					130	240
AREA ELECTIVES (FALL)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
ACM	311	Visual Programming I	ACM221	3	0	0	3	6
ACM	331	Concepts of Programming Languages	ACM221	3	0	0	3	6
ACM	373	Scripting Languages		3	0	0	3	6
ACM	413	Object Oriented Software Development II	ACM222,ACM321	3	0	0	3	6
ACM	437	Internet of Things		3	0	0	3	6
ACM	462	Decision Support Systems		3	0	0	3	6
ACM	472	3-D Design and Game Programming		3	0	0	3	6
ACM	475	Informatics Regulations		3	0	0	3	6
AREA ELECTIVES (SPRING)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	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	434	Enterprise Information Systems II	ACM432	3	0	0	3	6
ACM	496	Seminars in MIS		3	0	0	3	6
ETT	215	E-Marketing and E-Sales		3	0	0	3	6
AREA ELECTIVES (FALL /SPRING)								
Code		Courses	Prerequisite	T	U	L	Yeditepe Credit	ECTS
ACM	363	Wireless Networks and Mobile Communication Systems		3	0	0	3	6
ACM	476	Data Mining		3	0	0	3	6
ETT	212	E-CRM		3	0	0	3	6