

Faculty of Economics, Administrative and Social Sciences

Department of Management Information Systems

<b>First Term (Fall Term)</b>							
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>Prerequisite</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
MIS101	Management Information Systems	C		3	0	3	6
MIS103	Algorithm and Computer Programming	C		2	2	3	6
MATH127	Calculus	C		3	0	3	6
MIS105	Principles of Management	C		3	0	3	6
ENG103	Advanced English I	C		2	0	2	2
TURK103	Turkish Language I	C		2	0	2	2
UNI103	University Life and Culture	C		1	2	2	2
<b>Total2</b>						<b>18</b>	<b>30</b>
<b>Second Term (Spring Term)</b>							
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>Prerequisite</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
MIS102	Computer Programming	C		2	2	3	6
MIS104	Web Design	C		2	2	3	4
ECON134	Economics	C		2	0	2	4
MIS106	Digital Transformation and Change Management	C		3	0	3	6
HIST104	Humanities	C		3	0	3	6
TURK104	Turkish Language II	C		2	0	2	2
ENG104	Advanced English II	C		2	0	2	2
<b>Total</b>						<b>18</b>	<b>30</b>
<b>Third Term (Fall Term)</b>							
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>Prerequisite</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
MIS201	Network Systems	C		3	0	3	5
MIS203	Strategic Management	C		3	0	3	5
MIS205	Data Structures and Database Applications	C		2	2	3	6
MIS207	Marketing Management	C		3	0	3	6
COMP2005	Object Oriented Programming	C		2	2	3	6

HIST203	Ataturk's Principles and the History of Turkish Renovation I	C		2	0	2	2
<b>Total</b>						<b>17</b>	<b>30</b>

<b>Fourth Term (Spring Term)</b>							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
MIS202	Advanced Database Applications	C		2	2	3	6
MIS204	Operating Systems – Linux	C		2	2	3	6
MIS206	E-commerce	C		3	0	3	6
STAT280	Research methods in social sciences	C		3	0	3	4
STAT240	Statistics	C		3	0	3	6
HIST204	Ataturk's Principles and the History of Turkish Renovation II	C		2	0	2	2
		E					
<b>Total</b>						<b>17</b>	<b>30</b>

<b>Fifth Term (Fall Term)</b>							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
MIS301	System Analysis	C		3	0	3	6
COMP3021	Visual Programming	C		2	2	3	6
INTF333	Accounting	C		3	0	3	5
	Area Electives	E				3	5
	Area Electives	E				3	5
	Thematic Elective	E				2	3
<b>Total</b>						<b>17</b>	<b>30</b>

<b>Sixth Term (Spring Term)</b>							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
MIS302	Web Based Programming	C		2	2	3	6
MIS304	Data Mining	C		3	0	3	5
	Area Electives	E				3	5
	Area Electives	E				3	5
	Area Electives	E				2	5
	Thematic Elective	E				2	4

<b>Total</b>	<b>16</b>	<b>30</b>
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<b>Seventh Term (Spring Term)</b>							
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>Prerequisite</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
MIS401	Entrepreneurship and Innovation	C		3	0	3	6
MIS403	Enterprise Resource Planning and Customer Relationship Management	C		3	0	3	6
	Area Electives	E				3	5
	Area Electives	E				2	5
	Thematic Elective	E				2	4
	Thematic Elective	E				2	4
						<b>15</b>	<b>30</b>

<b>Eighth Term (Spring Term)</b>							
<b>Code</b>	<b>Course Title</b>	<b>Course Type</b>	<b>Prerequisite</b>	<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
MIS402	Project Management	C		3	0	3	4
MIS404	Graduation Project	C		3	6	6	12
	Area Electives	E				3	5
	Thematic Elective	E				2	5
	Thematic Elective	E				2	4
<b>Total</b>						<b>16</b>	<b>30</b>
<b>Grand Total</b>							

## Area Electives

3 <sup>rd</sup> Year							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
LAW354	Information Technologies Law	E		3	0	3	6
MIS352	Human Resources Management	E		3	0	3	6
MIS353	Production and Operations Management	E		3	0	3	6
MIS354	Supply Chain Management	E		3	0	3	6
MIS355	Total Quality Management	E		3	0	3	6
INTF3052	Finance	E		3	0	3	6
MIS357	Customer Behaviour	E		3	0	3	6
ECON356	Behavioral Economics	E		3	0	3	5
COMP3039	Network Security	E		3	0	3	6
COMP3032	Artificial Intelligence	E		2	2	3	6
COMP4043	Java Programming	E		3	0	3	6
COMP4055	Big Data Analytics	E		3	0	3	6
COMP4049	Information Systems Security	E		3	0	3	6
COMP4047	Software Quality Assurance	E		3	0	3	6
COMP4052	Blockchains	E		2	2	3	6
COMP4041	Mobile Application Development	E		2	2	3	6

4rd Year							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
MIS451	Digital Marketing and SEO	E		3	0	3	6
PSYC464	Organizational Behavior	E		3	0	3	6
MIS453	Business Ethics	E		3	0	3	6
MIS454	Digital Leadership in Organizations	E		3	0	3	6
MIS455	Institutionalization and Corporate Governance	E		3	0	3	6
MIS456	Conflict Management and Negotiation Techniques	E		3	0	3	6
MIS457	Case Studies in MIS	E		3	0	3	6
COMP3034	Image Processing	E		2	2	3	6
COMP4035	Machine Learning	E		2	2	3	6
COMP4051	Web Application Development	E		2	2	3	6
COMP4059	Internet of Things	E		3	0	3	6
COMP4061	Deep Learning	E		2	2	3	6
COMP4057	Big Data Privacy and Security	E		3	0	3	6
COMP4046	Game Programming	E		2	2	3	6
COMP4032	Natural Language Processing	E		2	2	3	6
COMP3033	Artificial Neural Network	E		2	2	3	6

### Thematic Electives

All Terms							
Code	Course Title	Course Type	Prerequisite	T	P	C	ECTS
MIS206	E-commerce	E		3	0	3	6
MIS104	Web Design	E		2	2	3	4
MIS101	Management Information Systems	E		3	0	3	6
MIS106	Digital Transformation and Change Management	E		3	0	3	6
MIS456	Conflict Management and Negotiation Techniques	E		3	0	3	6
MIS450	İnsan Kaynakları	S		2	0	2	4
MIS452	Kariyer Planlama	S		2	0	2	3

