



BANDIRMA ONYEDİ EYLÜL UNIVERSITY
ÖMER SEYFETTİN APPLIED SCIENCE FACULTY
MANAGEMENT INFORMATION SYSTEMS DEPARTMENT 2021-2022 ACADEMIC YEAR COURSE PLAN

1st SEMESTER						2nd SEMESTER													
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS						
YBS1101	C	Introduction to Computer Programming	3	0	3	4	YBS1207	C	Data Structure (*)	3	0	3	4						
YBS1102	C	Mathematics I	3	0	3	4	YBS1202	C	Mathematics II (*)	3	0	3	4						
YBS1106	C	Management Information Systems I	3	0	3	4	YBS1206	C	Management Information Systems II (*)	3	0	3	4						
YBS1104	C	Behavior Science	3	0	3	3	YBS1204	C	Office Software	3	0	3	4						
YBS1105	C	General Business	3	0	3	4	YBS1205	C	Management and Organisation	3	0	3	3						
YBS1111	C	Computer Hardware	3	0	3	4	YBS1209	C	Computer Networks and Management	3	0	3	4						
KAR1101	C	Career Planning	1	2	1	2	AIT1201	C	Ataturk's Principles and History of Revolution II	2	0	2	2						
AIT1101	C	Ataturk's Principles and History of Revolution I	2	0	2	2	TDI1201	C	Turkish Language II	2	0	2	2						
TDI1101	C	Turkish Language I	2	0	2	2	YDI1201	C	Foreign Language II	3	0	3	3						
YDI1101	C	Foreign Language I	3	0	3	3													
TOTAL						26	2	26	32	TOTAL						25	0	25	30

3rd SEMESTER						4th SEMESTER													
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS						
YBS2101	C	Object Oriented Programming	3	0	3	5	YBS2201	C	Visual Programming	3	0	3	5						
YBS2112	C	Database Management Systems	3	0	3	5	YBS2202	C	Operating Systems Management	3	0	3	5						
YBS2103	C	Occupational English I	3	0	3	4	YBS2203	C	Occupational English II (*)	3	0	3	4						
YBS2113	C	Statistics (**)	3	0	3	4	YBS2212	C	Database Programming (**)	3	0	3	5						
YBS2114	C	Computerized Accounting (**)	3	0	3	4	YBS2213	C	Production Management (**)	3	0	3	4						
YBS2115	C	Introduction to Law (**)	3	0	3	4	YBS2214	C	IT Law and Ethics (**)	3	0	3	3						
	E	Elective Course I	3	0	3	4		E	Elective Course I	3	0	3	4						
TOTAL						21	0	21	30	TOTAL						21	0	21	30

5th SEMESTER						6th SEMESTER													
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS						
YBS3101	C	Data Mining	3	0	3	5	YBS3201	C	Mobile Programming	3	0	3	4						
YBS3102	C	Web Design and Internet Programming I	3	0	3	5	YBS3202	C	Web Design and Internet Programming II (*)	3	0	3	5						
YBS3103	C	Financial Management	3	0	3	4	YBS3203	C	Organizational Behavior	3	0	3	5						
STJ3101	C	Internship	0	0	0	4	STJ3201	C	Internship	0	0	0	4						
	E	Elective Course I	3	0	3	4		E	Elective Course I	3	0	3	4						
	E	Elective Course II	3	0	3	4		E	Elective Course II	3	0	3	4						
USD	E	University Elective Course	3	0	3	4	USD	E	University Elective Course	3	0	3	4						
TOTAL						18	0	18	30	TOTAL						18	0	18	30

7th SEMESTER						8th SEMESTER													
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS						
YBS4101	C	Graduate Project I	1	2	2	8	YBS4201	C	Graduate Project II (*)	1	2	2	8						
YBS4102	C	Strategic Management	3	0	3	5	YBS4202	C	Human Resource Management	3	0	3	5						
YBS4103	C	Network and System Security	3	0	3	5	YBS4203	C	E-Commerce and E-Government	3	0	3	5						
	E	Elective Course I	3	0	3	4		E	Elective Course I	3	0	3	4						
	E	Elective Course II	3	0	3	4		E	Elective Course II	3	0	3	4						
	E	Elective Course III	3	0	3	4		E	Elective Course III	3	0	3	4						
TOTAL						16	2	17	30	TOTAL						16	2	17	30

MANAGEMENT INFORMATION SYSTEMS DEPARTMENT 2021-2022 ACADEMIC YEAR ELECTIVE COURSES

3rd SEMESTER						4th SEMESTER							
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
YBS2104	E	Marketing Management	3	0	3	4	YBS2205	E	Operational Research	3	0	3	4
YBS2105	E	Introduction to Law	3	0	3	4	YBS2206	E	Production Management	3	0	3	4
YBS2106	E	Statistics	3	0	3	4	YBS2207	E	General Economy	3	0	3	4
YBS2108	E	Software Architecture	3	0	3	4	YBS2208	E	Business Informatics	3	0	3	4
YBS2109	E	Management Information and Communication System	3	0	3	4	YBS2209	E	Python Programming	3	0	3	4
YBS2110	E	Game Theory	3	0	3	4	YBS2210	E	Process Analysis	3	0	3	4
YBS2111	E	Quantitative Data Analysis Applications	3	0	3	4	YBS2211	E	Human Computer Interaction	3	0	3	4
YBS2130	E	Computerized Accounting	3	0	3	4	YBS2230	E	Database Programming	3	0	3	4
ATU2199	E	Academic Turkish	3	0	3	4	YBS2231	E	IT Law and Ethics	3	0	3	4
							ATU2299	E	Academic Turkish	3	0	3	4

5th SEMESTER						6th SEMESTER							
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
YBS3150	E	Total Quality Management	3	0	3	4	YBS3250	E	Research Methods	3	0	3	4
YBS3151	E	Geographic Information Systems	3	0	3	4	YBS3251	E	Artificial Intelligence	3	0	3	4
YBS3152	E	Cyber Security	3	0	3	4	YBS3252	E	Entrepreneurship (***)	3	0	3	4
YBS3153	E	Supply Chain Management	3	0	3	4	YBS3253	E	System Analysis and Design	3	0	3	4
YBS3154	E	Decision Support Systems	3	0	3	4	YBS3254	E	Management Accounting	3	0	3	4
YBS3155	E	Cost Accounting	3	0	3	4	YBS3255	E	Customer Relationship Management (CRM)	3	0	3	4
							YBS3256	E	Organizational Communication	3	0	3	4

7th SEMESTER						8th SEMESTER							
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
YBS4150	E	UML Modelling	3	0	3	4	YBS4250	E	Enterprise Resource Planning	3	0	3	4
YBS4151	E	Contemporary Management Approaches	3	0	3	4	YBS4251	E	Organizational Performance and Management	3	0	3	4
YBS4152	E	Production-Planning-Control	3	0	3	4	YBS4252	E	Use of Information Technologies in Disaster Management	3	0	3	4
YBS4153	E	Game Programming	3	0	3	4	YBS4253	E	Labour and Social Security Law	3	0	3	4
YBS4154	E	Storage and Inventory Management	3	0	3	4	YBS4254	E	Corporate Governance	3	0	3	4
YBS4155	E	Communication and Effective Presentation Techniques	3	0	3	4	YBS4255	E	Internet Of Things	3	0	3	4
YBS4156	E	Time Series	3	0	3	4	YBS4256	E	International Business	3	0	3	4
							YBS4257	E	Social Media	3	0	3	4
							YBS4258	S	Target Market Planning	3	0	3	4

Total Course Count: 60
 Total Credit: 163
 Total Theoric Course Hours: 161
 Total Applied Course Hours: 6
 Total ECTS: 242
 Elective Course Count: 14
 Elective Course Hours: 42
 Ratio of Elective Courses to Total Number of Courses: 23%
 Ratio of Elective Courses to Total Hours: 25%
 Number of Courses with Distance Education: 0
 Distance Education Rate: 0%

T: Theoric
 A: Applied
 TC: Total Credit
 ECTS: European Credit Transfer System
 C: Compulsory
 E: Elective
 Compulsory Internship: 1 times 20 working days professional internship at the end of 6th semester

Note	* Students enrolled as of the 2021-2022 academic year cannot take these courses without taking the course in the Prerequisite Course Table.
**	Students whose related courses are enrolled starting from the 2020-2021 academic year will take compulsory courses. Other students are from the elective pool of the related semester III. 3 elective courses in the
***	Students who have taken the related course in 4th semester and successfully completed it cannot take this course again in 6th semester

Prerequisite Courses Table

Prerequisite Courses			Required Prerequisite Course		
COURSE CODE	COURSE TYPE	COURSE NAME	COURSE CODE	COURSE TYPE	COURSE NAME
YBS1202	C	Mathematics II	YBS1102	C	Mathematics I
YBS1206	C	Management Information Systems II	YBS1106	C	Management Information Systems I
YBS1207	C	Data Structure	YBS1101	C	Introduction to Computer Programming
YBS2203	C	Occupational English II	YBS2103	C	Occupational English I
YBS2212	C	Database Programming	YBS2112	C	Database Management Systems
YBS2214	C	IT Law and Ethics	YBS2115	C	Introduction to Law
YBS3202	C	Web Design and Internet Programming II	YBS3102	C	Web Design and Internet Programming I

Compulsory and Elective Courses to be Combined in the Same Term

Elective Courses for Pre-2020-2021 Course Plan						Compulsory Courses for the Course Plan After 2020-2021							
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
YBS2105	E	Introduction to Law	3	0	3	4	YBS2113	C	Statistics	3	0	3	4
YBS2106	E	Statistics	3	0	3	4	YBS2114	C	Computerized Accounting	3	0	3	4
YBS2130	E	Computerized Accounting	3	0	3	4	YBS2115	C	Introduction to Law	3	0	3	4
YBS2206	E	Production Management	3	0	3	4	YBS2212	C	Database Programming	3	0	3	5
YBS2230	E	Database Programming	3	0	3	4	YBS2213	C	Production Management	3	0	3	4
YBS2231	E	IT Law and Ethics	3	0	3	4	YBS2214	C	IT Law and Ethics	3	0	3	3