



**BANDIRMA ONYEDİ EYLÜL UNIVERSITY**  
**ÖMER SEYFETTİN APPLIED SCIENCE FACULTY**  
**MANAGEMENT INFORMATION SYSTEMS DEPARTMENT 2022-2023 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	YBS1202	C	Mathematics II (*)	3	0	3	4
YBS1102	C	Mathematics I	3	0	3	4	YBS1203	C	Human Computer Interaction	3	0	3	4
YBS1103	C	Introduction to Management Information Systems	3	0	3	4	YBS1204	C	Office Software	3	0	3	4
YBS1104	C	Behavior Science	3	0	3	3	YBS1205	C	Management and Organisation	3	0	3	3
YBS1105	C	General Business	3	0	3	4	YBS1207	C	Data Structure (*)	3	0	3	4
YBS1111	C	Computer Hardware	3	0	3	4	YBS1209	C	Computer Networks and Management	3	0	3	4
<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>23</b>	<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>23</b>
KAR1101	C	Career Planning	1	2	1	2	AT11201	C	Ataturk's Principles and History of Revolution II	2	0	2	2
AT11101	C	Ataturk's Principles and History of Revolution I	2	0	2	2	TD11201	C	Turkish Language II	2	0	2	2
TD11101	C	Turkish Language I	2	0	2	2	YD11201	C	Foreign Language II	3	0	3	3
YD11101	C	Foreign Language I	3	0	3	3							
<b>TOTAL</b>			<b>26</b>	<b>2</b>	<b>26</b>	<b>32</b>	<b>TOTAL</b>			<b>25</b>	<b>0</b>	<b>25</b>	<b>30</b>

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
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
YBS2116	C	Marketing Management	3	0	3	4	YBS2217	C	Occupational English	3	0	3	4
	E	Elective Course I	3	0	3	4		E	Elective Course I	3	0	3	4
<b>TOTAL</b>			<b>21</b>	<b>0</b>	<b>21</b>	<b>30</b>	<b>TOTAL</b>			<b>21</b>	<b>0</b>	<b>21</b>	<b>30</b>

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
<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>30</b>	<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>30</b>

7th SEMESTER							8th SEMESTER						
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
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
YBS4104	C	Data Reporting Applications	3	0	3	8	YBS4204	C	IT Project Management	3	0	3	8
	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
<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>30</b>	<b>TOTAL</b>			<b>18</b>	<b>0</b>	<b>18</b>	<b>30</b>

**MANAGEMENT INFORMATION SYSTEMS DEPARTMENT 2022-2023 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	YBS2215	E	Database Programming	3	0	3	4
YBS2131	E	Graphic Design	3	0	3	4	YBS2216	E	IT Law and Ethics	3	0	3	4
ATU2199	E	Academic Turkish	3	0	3	4	YBS2232	E	Chess	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
YBS4157	E	Project management	3	0	3	4	YBS4257	E	Social Media	3	0	3	4
							YBS4258	S	Target Market Planning	3	0	3	4

Total Course Count: 59  
 Total Credit: 165  
 Total Theoric Course Hours: 165  
 Total Applied Course Hours: 2  
 Total ECTS: 242  
 Elective Course Count: 14  
 Elective Course Hours: 42  
 Ratio of Elective Courses to Total Number of Courses: 24%  
 Ratio of Elective Courses to Total Hours: 25%

T: Theoric  
 A: Applied  
 TC: Total Credit  
 ECTS: European Credit Transfer System  
 C: Compulsory  
 E: Elective  
 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
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**Adaptations to Be Made from Lesson Plans Before 2022-2023**

Lessons Not Taken or Failed from Lesson Plans Before 2022-2023							Courses to be Adjusted in the 2022-2023 Lesson Plan						
COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS	COURSE CODE	COURSE TYPE	COURSE NAME	T	A	TC	ECTS
YBS1106	C	Management Information Systems I	3	0	3	4	YBS1103	C	Introduction to Management Information Systems	3	0	3	4
YBS1206	C	Management Information Systems II	3	0	3	4	YBS1203	C	Human Computer Interaction	3	0	3	4
YBS2203	C	Occupational English I	3	0	3	4	YBS2116	C	Marketing Management	3	0	3	4
YBS2203	C	Occupational English II	3	0	3	4	YBS2217	C	Occupational English	3	0	3	4
YBS4101	C	Graduate Project I	1	2	2	8	YBS4104	C	Data Reporting Applications	3	0	3	8
YBS4201	C	Graduate Project II (*)	1	2	2	8	YBS4204	C	IT Project Management	3	0	3	8

**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

**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
YBS2215	E	Database Programming	3	0	3	4	YBS2213	C	Production Management	3	0	3	4
YBS2216	E	IT Law and Ethics	3	0	3	4	YBS2214	C	IT Law and Ethics	3	0	3	3