

Management Information Systems			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	YBS404						
Course Name:	Graduation Project 2						
Semester:	Spring						
Course Credits:	<table border="1"> <tr> <td>ECTS</td> </tr> <tr> <td>6</td> </tr> </table>			ECTS	6		
ECTS							
6							
Language of instruction:	Turkish						
Course Condition:							
Does the Course Require Work Experience?:	No						
Type of course:	Compulsory Courses						
Course Level:	<table border="1"> <tr> <td>Bachelor</td> <td>TR-NQF-HE:6. Master`s Degree</td> <td>QF- EHEA:First Cycle</td> <td>EQF-LLL:6. Master`s Degree</td> </tr> </table>			Bachelor	TR-NQF-HE:6. Master`s Degree	QF- EHEA:First Cycle	EQF-LLL:6. Master`s Degree
Bachelor	TR-NQF-HE:6. Master`s Degree	QF- EHEA:First Cycle	EQF-LLL:6. Master`s Degree				
Mode of Delivery:	Face to face						
Course Coordinator:	Doç. Dr. ŞEBNEM ÖZDEMİR						
Course Lecturer(s):	Şebnem Özdemir						
Course Assistants:							

Course Objective and Content

Course Objectives:	The aim of this course is to teach how to carry out the processes of the application phase of a research problem, which literature has been completed, on the condition that it is related to the field of management information systems.
Course Content:	Things to consider during the implementation phase, methodological errors, software development life cycle, system development life cycle, WBS, PERT, GANTT, project

management and monitoring tools, processes and standards in data analysis (KDD, Semma, CRIPS-DM), Research Ethics

Learning Outcomes

The students who have succeeded in this course;

- 1) Students who successfully complete this course know the differences between knowledge and science.
- 2) Students who successfully complete this course define the components of scientific research.
- 3) Students who successfully complete this course know how to access the relevant literature.
- 4) Students who successfully complete this course generate a research problem.
- 5) Students who successfully complete this course choose and apply an appropriate method that can be used to solve a research problem.
- 6) Students who successfully complete this course use at least one technology for a research process.
- 7) Students who successfully complete this course know the difference between ethics and unethical in scientific research.

Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction to the Course - Basic Concepts - Contents to be Learned in a Whole Period and a View in the Context of Assessment Activities	
2)	Application plans and proposal presentations of studies which literature is completed	
3)	Application plans and proposal presentations of studies which literature is completed	
4)	Common mistakes and misconceptions in application processes	
5)	Implementation process: System Development Lifecycle	
6)	Application process: Methodologies in Software Development and Their Application	
7)	Implementation process: Process Management in Data Analysis-KDD, SEMMA, CRISP-DM	
8)	Time Management in the Implementation Process	
9)	Identifying correct / reliable structures in presenting the Graduation Project	
10)	Graduation Project Implementation Process Beta Version Presentations and Evaluation	
11)	Graduation Project Implementation Process Beta Version Presentations and Evaluation	
12)	Graduation Project Presentations- Review and Evaluation	
13)	Graduation Project Presentations- Review and Evaluation	

14)	Disruptive Concepts	
15)	Disruptive Concepts	
16)	Final Exam	

Sources

Course Notes / Textbooks:	Ek kaynak ihtiyacı bulunmamaktadır. - There is no need for additional resources.
References:	Ek kaynak ihtiyacı bulunmamaktadır. - There is no need for additional resources.

Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7
Program Outcomes							
1) It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3	3	3	3	3	3	3
2) Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	3	3	3	3	3	3	3
3) Uses different information technologies and systems for understanding and solving various business problems.	3	3	3	3	3	3	3
4) Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3	3	3	3	3	3	3
5) Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	2	2	1	1	1	2	2
6) Gains technical and managerial contributions to IT projects and takes responsibility.	1	1	2	2	2	1	1
7) Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using statistical programs effectively.	1	1	2	2	2	1	1
8) Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	2	2	2	2	2	2	2
9) Develops teamwork, negotiation, leadership and entrepreneurship skills.	2	2	2	2	2	2	2
10) Has universal ethical values, social responsibility awareness and	1	1	2	2	2	1	1

sufficient legal knowledge.							
Course Learning Outcomes	1	2	3	4	5	6	7
11) Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	2	2	2	2	2	2	2
12) Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	1	2	2	2	2	1	1
13) It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	3	3	3	3	3	3	3

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	It has a wide range of interdisciplinary approaches to management information systems, primarily business and computer engineering.	3
2)	Comprehends the management information systems in terms of technical, organizational and managerial aspects and uses the current programming language by knowing the logic of programming.	3
3)	Uses different information technologies and systems for understanding and solving various business problems.	3
4)	Interpret the data, concepts and ideas in the field of management information systems with scientific and technological methods.	3
5)	Analyze the needs for an information system and analyze the processes of analysis, design and implementation of the database.	3
6)	Gains technical and managerial contributions to IT projects and takes responsibility.	3
7)	Solve complex business and informatics problems by using various statistical techniques and numerical methods and make analyzes using statistical programs effectively.	2
8)	Uses a foreign language at the B1 General Level in terms of European Language Portfolio criteria according to the level of education.	2
9)	Develops teamwork, negotiation, leadership and entrepreneurship skills.	

10)	Has universal ethical values, social responsibility awareness and sufficient legal knowledge.	1
11)	Develops positive attitudes related to lifelong learning and identifies individual learning needs and carries out studies to correct them.	2
12)	Students will be able to communicate their ideas and solutions both written and orally, and present and publish them on both national and international platforms.	2
13)	It uses information and communication technologies together with computer software at the advanced level of European Computer Driving License required by the field.	3

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Homework Assignments	1	% 20
Midterms	1	% 35
Final	1	% 45
total		% 100
PERCENTAGE OF SEMESTER WORK		% 55
PERCENTAGE OF FINAL WORK		% 45
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	14	1	1		28
Application	14	1	3		56
Study Hours Out of Class	14	2			28
Midterms	1	10	1		11
Final	1	15	1		16
Total Workload					139