ISTANBUL UNIVERSITY FACULTY OF ECONOMICS
DEPARTMENT OF MANAGEMENT INFORMATION SYSTEMS (ENGLISH) (UNDERGRADUATE CURRICULUM)
2022-2023 ACADEMIC YEAR

FRESHMAN YEAR

SEMESTER I: FALL

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB1001	C	INTRODUCTION TO ECONOMICS I	4	4
YBSB1003	C	ALGORITHMIC THINKING AND DESIGN	3	5
YBSB1005	C	INTRODUCTION TO INFORMATION TECHNOLOGIES	3	4
YBSB1007	C	INTRODUCTION TO BUSINESS	3	4
YBSB1009	C	MATHEMATICS I	3	4
ODAI0001	C	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION I	2	2
ODTD0001	C	TURKISH LANGUAGE I	2	2
ODYD0001	C	FOREIGN LANGUAGE (ENGLISH) I	2	2
ODBE0001	C	PHYSICAL EDUCATION I	1	1
ODGS0001	C	FINE ARTS I	1	1
		COMPULSORY COURSES	**23**	**28**
YBSB1013	E	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION FOR FOREIGN STUDENTS I (*)	2	2
YBSB1015	E	TURKISH LANGUAGE FOR FOREIGN STUDENTS I (*)	2	2
YBSB1011	E	PHILOSOPHY OF SCIENCE	2	2
		ELECTIVE COURSES	**2**	**2**
		TOTAL CREDITS	**25**	**30**

Only one of the Physical Education and Fine Arts courses, which are compulsory elective courses, will be taken. One elective course will be taken from the elective courses group.
(*) Foreign students are allowed to take the "Compulsory" Turkish Language I and Atatürk's Principles and History of Turkish Revolution I courses as "Elective" courses. In this case, 3 courses will be taken from the elective courses group.

SEMESTER II: SPRING

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB1002	C	INTRODUCTION TO ECONOMICS II	4	4
YBSB1004	C	STRUCTURED PROGRAMMING	3	5
YBSB1006	C	MANAGEMENT AND DIGITAL COMMUNICATION	3	4
YBSB1008	C	DATA STRUCTURES AND MANAGEMENT	3	4
YBSB1010	C	BUSINESS MATHEMATICS II	3	4
ODAI0002	C	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION II	2	2
ODTD0002	C	TURKISH LANGUAGE II	2	2
ODYD0002	C	FOREIGN LANGUAGE (ENGLISH) II	2	2
ODBE0002	C	PHYSICAL EDUCATION II	1	1
ODGS0002	C	FINE ARTS II	1	1
		COMPULSORY COURSES	**23**	**28**
YBSB1016	E	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION FOR FOREIGN STUDENTS II (*)	2	2
YBSB1018	E	TURKISH LANGUAGE FOR FOREIGN STUDENTS II (*)	2	2
YBSB1014	E	CAREER PLANNING	2	2
		ELECTIVE COURSES	**2**	**2**
		TOTAL CREDITS	**25**	**30**

Only one of the Physical Education and Fine Arts courses, which are compulsory elective courses, will be taken. One elective course will be taken from the elective courses group.
(*) Foreign students are allowed to take the "Compulsory" Turkish Language II and Atatürk's Principles and History of Turkish Revolution II courses as "Elective" courses. In this case, 3 courses will be taken from the elective courses group.

SOPHOMORE YEAR

SEMESTER III: FALL

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB2001	C	INTERMEDIATE MICROECONOMICS I	3	4
YBSB2003	C	STATISTICS I	3	5
YBSB2005	C	SYSTEM ANALYSIS AND DESIGN	3	5
YBSB2007	C	FUNDAMENTALS OF LAW	3	5
YBSB2009	C	SCIENTIFIC RESEARCH METHODS AND ETHICS I	2	3
		COMPULSORY COURSES	**14**	**22**
YBSB2011	E	PRINCIPLES OF MARKETING	3	4
YBSB2013	E	CYBERSECURITY	3	4
YBSB2015	E	DEVELOPMENT ENVIRONMENTS	3	4
YBSB2017	E	VOLUNTEERING STUDIES	1	4
		ELECTIVE COURSES	**6**	**8**
		TOTAL CREDITS	**20**	**30**

Two elective lesson will be taken from the elective courses group.

SEMESTER IV: SPRING

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB2002	C	INTERMEDIATE MACROECONOMICS I	3	4
YBSB2004	C	STATISTICS II	3	4
YBSB2006	C	OBJECT ORIENTED PROGRAMMING	3	5
YBSB2008	C	WEB DESIGN	3	5
YBSB2010	C	DATABASE DESIGN AND MANAGEMENT	3	4
		COMPULSORY COURSES	**15**	**22**
YBSB2012	E	GAME THEORY AND STRATEGY	3	4
YBSB2014	E	SCIENTIFIC RESEARCH METHODS AND ETHICS II	3	4
YBSB2016	E	INFORMATION AND INTERNET LAW	3	4
YBSB2018	E	ENTREPNEURSHIP	3	4
YBSB2020	E	PUBLIC FINANCE	3	4
		ELECTIVE COURSES	**6**	**8**
		TOTAL CREDITS	**21**	**30**

Two elective lesson will be taken from the elective courses group.

JUNIOR YEAR

SEMESTER V: FALL

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB3001	C	WEB PROGRAMMING	3	5
YBSB3003	C	PROGRAMMING FOR DATA SCIENCE	3	4
YBSB3005	C	ACCOUNTING	3	5
YBSB3007	C	E-COMMERCE AND DESIGN AND APPLICATIONS	3	4
		COMPULSORY COURSES	**12**	**18**
YBSB3009	E	BUSINESS INTELLIGENCE	3	4
YBSB3011	E	CUSTOMER RELATIONSHIP MANAGEMENT	3	4
YBSB3013	E	INTERNATIONAL TRADE AND FINANCE	3	4
YBSB3015	E	MOBILE APPLICATION DEVELOPMENT	3	4
YBSB3017	E	SIMULATION, MODELING AND OPTIMIZATION	3	4
YBSB3019	E	TURKISH ECONOMY	3	4
		ELECTIVE COURSES	**9**	**12**
		TOTAL CREDITS	**21**	**30**

Three elective courses will be taken from the elective courses group.

SEMESTER VI: SPRING

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB3002	C	STATISTICAL PROGRAMMING	3	5
YBSB3004	C	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	3	4
YBSB3006	C	MANAGEMENT AND COST ACCOUNTING	3	5
YBSB3008	C	PROJECT MANAGEMENT	3	4
		COMPULSORY COURSES	**12**	**18**
YBSB3010	E	SUPPLY CHAIN MANAGEMENT	3	4
YBSB3012	E	ARTIFICAL NEURAL NETWORKS	3	4
YBSB3014	E	BLOCKCHAIN PROGRAMMING	3	4
YBSB3016	E	DATA VISUALIZATION FOR BUSINESS ANALYTICS	3	4
YBSB3018	E	FINANCIAL MANAGEMENT AND INVESTMENT	3	4
YBSB3020	E	LABOR ECONOMICS	3	4
		ELECTIVE COURSES	**9**	**12**
		TOTAL CREDITS	**21**	**30**

Three elective courses will be taken from the elective courses group.

SENIOR YEAR

SEMESTER VII: FALL

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB4001	C	BEST PRACTICES IN MIS	3	3
YBSB4003	C	SOFTWARE QUALITY AND TESTING	3	5
YBSB4005	C	GRADUATION PROJECT I	2	7
		COMPULSORY COURSES	**8**	**15**
YBSB4007	E	DEEP LEARNING	3	5
YBSB4009	E	ADVANCED DATABASE PROGRAMMING	3	5
YBSB4011	E	BEHAVIORAL FINANCE	3	5
YBSB4013	E	PARALLEL AND DISTRIBUTED PROGRAMMING	3	5
YBSB4015	E	HUMAN RESOURCE MANAGEMENT	3	5
		ELECTIVE COURSES	**9**	**15**
		TOTAL CREDITS	**17**	**30**

Three elective courses will be taken from the elective courses group.

SEMESTER VIII: SPRING

CODE	C/E	Course Name	Credit Hours	ECTS
YBSB4002	C	HUMAN-COMPUTER INTERACTION	3	4
YBSB4004	C	ENTERPRISE RESOURCE PLANNING	3	4
YBSB4006	C	GRADUATION PROJECT II	2	7
		COMPULSORY COURSES	**8**	**15**
YBSB4008	E	ENGINEERING ECONOMY	3	5
YBSB4010	E	VISUAL PROGRAMMING	3	5
YBSB4012	E	DIGITAL TRANSFORMATION	3	5
YBSB4014	E	WEB MINING AND TEXT MINING	3	5
YBSB4016	E	SOCIAL MEDIA MANAGEMENT AND ANALYTICS	3	5
		ELECTIVE COURSES	**9**	**15**
		TOTAL CREDITS	**17**	**30**

Three elective courses will be taken from the elective courses group.