I.U. FACULTY OF ECONOMICS

DEPARTMENT OF ECONOMETRICS UNDERGRADUATE COURSES

2022-2023 ACADEMIC YEAR

FIRST YEAR

I. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB1001	C	INTRODUCTION TO ECONOMICS I	4	0	0	4	6
EKOB1009	C	GENERAL PRINCIPLES OF LAW	2	0	0	2	3
EKOB1011	C	MATHEMATICS I	4	0	0	4	7
EKOB1023	C	COMPUTER	2	0	0	2	4
ODAI0001U	C	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION I*	2	0	0	2	2
ODTD0001U	C	TURKISH LANGUAGE I*	2	0	0	2	2
ODYD0001U	C	FOREIGN LANGUAGE (ENGLISH) I	2	0	0	2	2
ODBE0001U	C	FINE ARTS I	1	0	0	1	1
		COMPULSORY COURSES	**19**	**0**	**0**	**19**	**27**
EKOB1025	E	ECONOMIC HISTORY	2	0	0	2	3
EKOB1013	E	PHILOSOPHY OF SCIENCE	2	0	0	2	3
EKOB1015	E	PUBLIC ADMINISTRATION	2	0	0	2	3
EKOB1017	E	NATURAL RESOURCE ECONOMICS	2	0	0	2	3
EKOB1019U	E	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION FOR FOREIGN STUDENTS I*	2	0	0	2	2
EKOB1021U	E	TURKISH LANGUAGE FOR FOREIGN STUDENTS I (*)	2	0	0	2	2
		ELECTIVE COURSES	**2**	**0**	**0**	**2**	**3**
		TOTAL CREDIT	**21**	**0**	**0**	**21**	**30**

One elective lesson 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.

II. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB1002	C	INTRODUCTION TO ECONOMICS II	4	0	0	4	6
EKOB1022	C	INTRODUCTION TO BUSINESS	3	0	0	3	6
EKOB1008	C	MATHEMATICS II	4	0	0	4	8
ODAI0002U	C	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION II*	2	0	0	2	2
ODTD0002U	C	TURKISH LANGUAGE II*	2	0	0	2	2
ODYD0002U	C	FOREIGN LANGUAGE (ENGLISH) II	2	0	0	2	2
ODBE0002U	C	FINE ARTS II	1	0	0	1	1
		COMPULSORY COURSES	**18**	**0**	**0**	**18**	**27**
EKOB1024	E	QUANTITATIVE RESEARCH METHODS	2	0	0	2	3
EKOB1016	E	INTRODUCTION TO POLITICAL SCIENCE	2	0	0	2	3
EKOB1018U	E	ATATÜRK'S PRINCIPLES AND HISTORY OF THE TURKISH REVOLUTION FOR FOREIGN STUDENTS II*	2	0	0	2	2
EKOB1020U	E	TURKISH LANGUAGE FOR FOREIGN STUDENTS II (*)	2	0	0	2	2
EKOB1026	E	INFORMATION TECHNOLOGY	2	0	0	2	3
		ELECTIVE COURSES	**2**	**0**	**0**	**2**	**3**
		TOTAL CREDIT	**20**	**0**	**0**	**20**	**30**

One elective lesson 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.

SECOND YEAR

III. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB2001	C	MICROECONOMICS	3	0	0	3	6
EKOB2027	C	DESCRIPTIVE STATISTICS	4	0	0	4	7
EKOB2009	C	LINEAR ALGEBRA	3	0	0	3	6
EKOB2011	C	QUANTITATIVE ECONOMICS I	2	0	0	2	5
		COMPULSORY COURSES	**12**	**0**	**0**	**12**	**24**
EKOB2030	E	FINANCIAL ACCOUNTING	2	0	0	2	3
EKOB2025	E	LABOUR ECONOMICS	2	0	0	2	3
EKOB2005	E	PUBLIC FINANCE	2	0	0	2	3
EKOB2023	E	SOCIAL POLICY	2	0	0	2	3
EKOB2007	E	INTERNATIONAL RELATIONS	2	0	0	2	3
EKOB2015	E	TURKISH ECONOMIC HISTORY	2	0	0	2	3
EKOB2021	E	VOLUNTEERING STUDIES	1	2	0	2	3
		ELECTIVE COURSES	**4**	**0**	**0**	**4**	**6**
		TOTAL CREDIT	**16**	**0**	**0**	**16**	**30**

Only 2 course will be taken from the group of elective courses.

IV. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB2004	C	MACROECONOMICS	3	0	0	3	6
EKOB2024	C	INFERENTIAL STATISTICS	3	0	0	3	5
EKOB2010	C	REGRESSION ANALYSIS	3	0	0	3	8
EKOB2014	C	USING COMPUTER PROGRAMS	3	0	0	3	5
		COMPULSORY COURSES	**12**	**0**	**0**	**12**	**24**
EKOB2012	E	QUANTITATIVE ECONOMICS II	2	0	0	2	3
EKOB2016	E	ECONOMIC POLICY	2	0	0	2	3
EKOB2006	E	LAW OF OBLIGATIONS	2	0	0	2	3
EKOB2022	E	ECONOMIC SOCIOLOGY	2	0	0	2	3
EKOB2018	E	CONSTITUTIONAL LAW	2	0	0	2	3
EKOB2026	E	MEASUREMENT AND VALUATION IN ACCOUNTING	2	0	0	2	3
		ELECTIVE COURSES	**4**	**0**	**0**	**4**	**6**
		TOTAL CREDIT	**16**	**0**	**0**	**16**	**30**

Only 2 course will be taken from the group of elective courses.

THIRD YEAR

V. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB3001	C	ECONOMETRICS I	5	0	0	5	6
EKOB3003	C	OPERATIONS RESEARCH I	3	0	0	3	5
EKOB3005	C	APPLIED STATISTICS	5	0	0	5	6
EKOB3011	C	SAMPLING	3	0	0	3	3
		COMPULSORY COURSES	**16**	**0**	**0**	**16**	**20**
EKOB3025	E	COMPUTER APPLICATIONS IN STATISTICS	3	0	0	3	5
EKOB3023	E	DATA MANAGEMENT AND REPORTING	3	0	0	3	5
EKOB3007	E	MONETARY THEORY AND POLICY	3	0	0	3	5
EKOB3017	E	INTERNATIONAL ECONOMICS	3	0	0	3	5
EKOB3013	E	QUALITY CONTROL METHODS IN STATISTICS	3	0	0	3	5
EKOB3019	E	COMMERCIAL LAW	3	0	0	3	5
EKOB3021	E	CAPITAL MARKETS AND PORTFOLIO MANAGEMENT	3	0	0	3	5
	E	SECOND FOREIGN LANGUAGE (GERMAN/FRENCH/ARABIC/RUSSIAN/CHINESE/SPANISH/) I**[(1)]	2	0	0	2	5
		ELECTIVE COURSES	**6**	**0**	**0**	**6**	**10**
		TOTAL CREDIT	**22**	**0**	**0**	**22**	**30**

2 courses will be taken from the elective courses group.
[(1)] This course will be given by the Faculty of Letters.

VI. Semester

Code	C/E	Course title	T	U	L	Credit	ECTS
EKOB3002	C	ECONOMETRICS II	5	0	0	5	6
EKOB3004	C	LINEAR TIME SERIES ANALYSIS	3	0	0	3	4
EKOB3006	C	OPERATIONS RESEARCH II	3	0	0	3	5
EKOB3030	C	MATHEMATICAL STATISTICS	3	0	0	3	5
		COMPULSORY COURSES	**14**	**0**	**0**	**14**	**20**
EKOB3024	E	PACKAGE PROGRAM USAGE IN ECONOMETRICS	3	0	0	3	5
EKOB3026	E	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	3	0	0	3	5
EKOB3008	E	FISCAL THEORY AND POLICY	3	0	0	3	5
EKOB3010	E	ECONOMIC GROWTH	3	0	0	3	5
EKOB3018	E	ECONOMIC DOCTRINES	3	0	0	3	5
EKOB3022U	E	CAREER PLANNING	3	0	0	3	5
	E	SECOND FOREIGN LANGUAGE (GERMAN/FRENCH/ARABIC/RUSSIAN/CHINESE/SPANISH/) II**[(1)]	2	0	0	2	5
		ELECTIVE COURSES	**6**	**0**	**0**	**6**	**10**
		TOTAL CREDIT	**20**	**0**	**0**	**20**	**30**

2 courses will be taken from the elective courses group.
[(1)] This course will be given by the Faculty of Letters.

FOURTH YEAR

VII. Semester

Code	Z	Course title	T	U	L	Credit	ECTS
EKOB4001	Z	APPLIED ECONOMETRICS I	3	0	0	3	3
EKOB4023	Z	SPATIAL ECONOMETRICS	3	0	0	3	3
EKOB4005	Z	MULTIVARIATE STATISTICAL METHODS	5	0	0	5	6
EKOB4007	Z	NONLINEAR TIME SERIES ANALYSIS	3	0	0	3	3
		COMPULSORY COURSES	**14**	**0**	**0**	**14**	**15**
EKOB4025	S	NON-PARAMETRIC AND ROBUST STATISTICAL METHODS	3	0	0	3	5
EKOB4027	S	TURKISH ECONOMY	3	0	0	3	5
EKOB4031	S	FINANCIAL STATEMENTS ANALYSIS	3	0	0	3	5
EKOB4029	S	OPTIMIZATION TECHNIQUES	3	0	0	3	5
EKOB4011	S	MARKETING RESEARCH	3	0	0	3	5
EKOB4015	S	QUANTITATIVE DECISION MAKING METHODS	3	0	0	3	5
EKOB4017	S	PROJECT MANAGEMENT	3	0	0	3	5
EKOB4021	S	APPLIED ENTREPRENEURSHIP	3	0	0	3	5
	S	SECOND FOREIGN LANGUAGE (GERMAN/FRENCH/ARABIC/RUSSIAN/CHINESE/SPANISH/) III**[(1)]	2	0	0	2	5
		ELECTIVE COURSES	**9**	**0**	**0**	**9**	**15**
		TOTAL CREDIT	**23**	**0**	**0**	**23**	**30**

3 courses will be taken from the elective courses group.
[(1)] This course will be given by the Faculty of Letters.

VIII. Semester

Code	Z	Course title	T	U	L	Credit	ECTS
EKOB4002	Z	APPLIED ECONOMETRICS II	3	0	0	3	4
EKOB4006	Z	FINANCIAL ECONOMETRICS	3	0	0	3	4
EKOB4030	Z	PANEL DATA ANALYSIS	3	0	0	3	4
EKOB4034	Z	MACROECONOMETRIC MODELS	3	0	0	3	3
		COMPULSORY COURSES	**12**	**0**	**0**	**12**	**15**
EKOB4026	S	MULTI-CRITERIA DECISION MAKING	3	0	0	3	5
EKOB4018	S	PREDICTIVE TECHNIQUES FOR MICRO AND MACROECONOMICS	3	0	0	3	5
EKOB4032	S	GLOBAL FINANCIAL SYSTEM AND INVESTMENT STRATEGIES	3	0	0	3	5
EKOB4008	S	ACTUARIAL AND RISK ANALYSIS	3	0	0	3	5
EKOB4028	S	ARTIFICIAL LEARNING	3	0	0	3	5
EKOB4014	S	TECHNICAL ANALYSIS	3	0	0	3	5
	S	SECOND FOREIGN LANGUAGE (GERMAN/FRENCH/ARABIC/RUSSIAN/CHINESE/SPANISH/) IV**[(1)]	2	0	0	2	5
EKOB4024	S	SIMULATION APPLICATIONS IN ECONOMETRICS	3	0	0	3	5
EKOB4016	S	COMPUTER PROGRAMMING	3	0	0	3	5
		ELECTIVE COURSES	**9**	**0**	**0**	**9**	**15**
		TOTAL CREDIT	**21**	**0**	**0**	**21**	**30**

3 courses will be taken from the elective courses group.
[(1)] This course will be given by the Faculty of Letters.

** Conditional Course