

ISTINYE UNIVERSITY
FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES
DEPARTMENT OF ECONOMICS
COURSE DESCRIPTIONS

1st SEMESTER

Maths For Social Sciences I | ECTS (2+2) 4

A Function Approach Integrating Algebra, Trigonometry, and Differential Calculus, Properties and Graphs of Polynomial, Rational, Exponential, and Logarithmic Functions, Properties and Graphs of Trigonometric Functions, Functions and Limits, Derivatives, Techniques and Applications of Differentiation, Logarithmic and Trigonometric Functions, Integral Calculus, Including Definite and Indefinite Integrals, Techniques of Integration, With Applications in Social and Life Sciences.

Introduction To Business | ECTS (3+0) 5

Basic Concepts and Principles of Organization and Management, Description of Function of Management: Planning, Organizing, Directing and Controlling, Motivation, Leadership, Role of the Manager in Organization, Role of the Entrepreneur in Organization, Legal Structures of Enterprises, Business Mergers.

Computer Literacy | ECTS (2+2) 5

Email and IM Usage and Etiquette, Computer Security Basics, Mobile and Cloud Computing Basics, Google Apps and Services: Docs, Sheets, Slides, Drive, Calendar, Keep, Scholar, Apple Apps and Services.

2nd SEMESTER

Maths For Social Sciences II | ECTS (2+2) 4

Analytic Geometry, Functions and Limits, Derivatives, Techniques and Applications of Differentiation, Logarithmic and Trigonometric Functions, Definite and Indefinite Integrals, Techniques of Integration, With Applications in Social and Life Sciences.

Introduction To Economics | ECTS (3+0) 5

A preparation course for Microeconomics and Macroeconomics course to come, introducing concepts such as; Supply and Demand, Market Equilibrium, Quotas and Price Ceilings, Market Power, Externalities and Property Rights, Information Economics and Adverse Selection, Benefit-Cost Analysis, Income Distribution and Labor Markets, Public Goods and Political Economy, Economic Growth in Long Run, Business Cycles, Income and Spending, Monetary Policy, Macroeconomic Policy, International Economy.

Business Law | ECTS (3+0) 3

Basic Concepts of Law, Legal Transactions, Classification of Agreement, Offer and Acceptance, Competency of Agreement, Consentment, Void Agreements, Representation.

3rd SEMESTER

Micro Economics I | ECTS (3+0) 5

Price Mechanism, Supply and Demand, Market Equilibrium, Consumer Behavior Theory Production and Costs, Input Markets and Income Distribution.

Macro Economics I | ECTS (3+0) 5

GDP, Inflation, Unemployment, Fiscal Policy, Monetary Policy, Interest

Statistics For Life And Social Sciences | ECTS (2+2) 5

Identification of Data, Probability Theory, Discrete Random Variables and Probability Distribution, Continuous Random Variables and Probability Distribution, Sampling and Sampling Distribution.

Maths For Economics | ECTS (3+0) 5

Formalizing Economic Phenomena by Using Basic Mathematical Tools, Solving Optimization Problems, Drawing Intuitive Conclusions from Mathematical Models, Interpret Graphs of Functions, Writing Mathematical Definitions, Make Financial Calculations by Using the Tools Developed in the Course

Financial Accounting | ECTS (2+2) 6

Basic Concepts and Principles of Accounting based on International Financial Reporting Standards (IFRS), Business Transactions and Adjustments, Trial Balance, Balance Sheet, Income Statement and Cash Flow Statement, Major Accounts Classification and Analysis, the Use and Interpretation of Financial Reports.

4th SEMESTER

Micro Economics II | ECTS (3+0) 6

General Equilibrium, Welfare Economics, Monopoly, Imperfect Competition, Externalities and Public Goods, Uncertainty and Information, and Game Theory.

Macro Economics II | ECTS (3+0) 6

Consumption and Investment Theories, Inflation and Unemployment Trade-Off, and Fiscal and Monetary Policy Design and Institutions with Regards to Open Economy Macroeconomics, Exchange Rate Models and Current Account Dynamics That Are Grounded in the Intertemporal Optimization Problem of the Representative Agent.

Computational Thinking | ECTS (2+2) 5

Fundamental Skills to Tackle Complex Computational Problems, Designing Solutions to Solve Those Problems Using A Computer Program. Concepts from Mathematics and Computer Science – More Precisely, Discrete Mathematics, Data Structures and Algorithm Design.

Econometrics | ECTS (2+2) 6

Simple Regression Analysis, Properties of Regression Coefficients and Hypothesis Testing, Multiple Regression Analysis, Transformation of Variables, Specification of Regression Variables, Heteroscedasticity, Stochastic Regressors and Measurement Errors, Simultaneous Equations Estimation, Modelling Dynamic Processes, Autocorrelation, Logit and Probit (Binary Choice Models).

5th SEMESTER

Financial Management | ECTS (2+2) 5

Time Value of Money, Basic Financial Analysis, Concepts and Analysis of Risk and Return, Cost of Capital, Corporate Financing Decisions and Introduction to Capital Structure, Capital Budgeting, Investment and Finance Policies, Financial Planning and Forecasting.

Fiscal Policy And Public Finance | ECTS (3+0) 5

First and Second Best Fiscal Theory. Incidence Models. Economic Response to Taxation. Quantitative Analysis of Economic Effects of Fiscal Instruments and Fiscal Changes. Government Finance Statistics, Tax and Expenditure Structures, the Budget and Government Financing, Fiscal Management in Turkey and Abroad. Introduces Fundamentals of Deficit Financing. the Role of the Bureaucracy and Its Relations with the Government Is Discussed with An Emphasis on the Role of the Treasury and Its Functioning. New Orientalism in Government Financial Management, Government Balance Sheet Approach, Expenditure Management and Control Issues Are Other Topics That Are Covered in This Course.

Research Methods | ECTS (3+0) 4

Research Problem Formulation and Definition, Research Ethics, Finding and Reviewing the Literature, Primary and Secondary Data Collection Methods, Analysis of Qualitative Data, Analysis of Quantitative Data, Writing the Proposal and the Research.

6th SEMESTER

Turkish Economy | ECTS (3+0) 5

Analysis and Plausible Estimations of Economic Policies Pursued in Turkey and Their Consequences, Economic Crisis and Economic Agenda of Turkey. Statist Period, Turkish Economy in 2. World War Conditions, 1950-1960 Period, 1960-1980 Period, Strategy of Import Substitution Based Industrialization, Decisions of 24 January 1980, Problems and Reforms Interested in Financial Structure in Turkish Economy, 1989 Transformation- Reasons and Consequences, 1990s- Financial Crisis, 2003-2008 Economic Improvement Period, Export Oriented Industrialization, World and Turkish Economy After Global Recession

Money And Banking | ECTS (3+0) 5

Determination of Interest Rates, Money Creation by the Banking System, Central Banks, Banking Crises, Monetary Policies, Interactions between Industries and the Financial Sector, Interrelationships between the Domestic and the International Financial Sectors.

History Of Economic Thought | ECTS (3+0) 4

Developments in the Theoretical Aspects of Economics, After the Marginal Utility Revolution. Marginal Utility Theory and Applications. General and Partial Equilibrium Analyses. Keynesian Income Determination, Monetarism, New Classical Economy and Post-Keynesian Approaches.

7th SEMESTER

Game Theory | ECTS (3+0) 5

A Rigorous Treatment of Non-Cooperative Solution Concepts in Game Theory, Including Rationalization and Nash, Sequential, and Stable Equilibria. It Covers Topics Such as Solution Concepts for Static Games, Solution Concepts for Extensive-Form Games, Equilibrium Concepts for Games with Imperfect Information, Signaling and Forward Induction, Repeated Games, Super Modular Games, Global Games, Cooperative Games.

International Economics | ECTS (3+0) 5

An Introduction to Major Issues in International Trade and Finance as Well as the Conceptual Frameworks for Understanding These Issues. Topics Include: Theories of International Trade, Trade Policy, Multilateral and Regional Trade Agreements, Foreign Direct Investment, International Financial Markets and Capital Mobility, Exchange Rate Regimes, Macroeconomic Stabilization Policies in the Open-Economy Setting.

Economics Of Growth And Development | ECTS (3+0) 5

Non-Technical Overviewing of Both Facts and Theories Related to Economic Growth. Understanding the Substantial Increase in Average Living Standards That Has Taken Place in Industrialized Economies Over the Past Two Centuries.

AREA ELECTIVE COURSES

Advanced Macroeconomics | ECTS (3+0) 5

Topics Such as How to Formulate and Solve Optimization Problems, Recent Work on Multiple Equilibria, Global Games, and Informational Fictions.

Advanced Microeconomics | ECTS (3+0) 5

Consumer and Producer Behavior, Partial and General Equilibrium, Behavior Under Uncertainty, Game Theory and Asymmetric Information.

Agricultural Economics | ECTS (3+0) 5

Analyzing Policy Problems of Agricultural Sectors, Economic Development and Agricultural Economics, and Examining These Issues with Quantitative and Econometric Methods as a Policy Analyst.

Behavioral Economics | ECTS (3+0) 5

Information About How Predictions of Economic Behavior Differ When Several Assumptions That Simplify Economic Models Are Replaced with Psychologically Realistic Assumptions Based on Empirical Observations from the Lab and From the World.

Corporate Finance | ECTS (3+0) 5

Security Valuation, Techniques for Capital Investment Decisions, Portfolio Theory and Capital Market Theory, Corporate Capital Structure, Cost of Capital, Dividend Decision and Policy.

Economic Integration & Global Trade | ECTS (3+0) 5

Analysis of Regional Trade Agreements, Currency Areas and of Institutions of Integration. Fundamentals of the European Economic and Monetary Union, The North American Free Trade Association and Other Forms of Regional Agreements, Especially Regarding Asia-Pacific and Latin

America, The Integration Logics, Phenomena and Organizations are Placed in the Context of the Process of Globalization.

Economics Of Growth And Development | ECTS (3+0) 5

Non-Technical Overviewing of Both Facts and Theories Related to Economic Growth. Understanding the Substantial Increase in Average Living Standards that has Taken Place in Industrialized Economies Over the Past Two Centuries.

Economics Of Labor | ECTS (3+0) 5

Analytical Tools from Intermediate Microeconomic Theory to Analyze How Society Develops, Allocates, and Rewards Human Resources, and to Study A Wide Range of Labor-Related Issues. Empirical Evidence on Those Topics.

Energy Economics | ECTS (3+0) 5

A Variety of Theoretical and Empirical Topics Related to Energy Demand, Energy Supply, Energy Prices, Environmental Consequences of Energy Consumption and Production, and Various Public Policies Affecting Energy Demand, Supply, Prices, and Environmental Effects.

Environmental Economics | ECTS (3+0) 5

Externalities and Regulation Theory, As Applied to Environmental Problem, Special Emphasising to Environmental Problems Using Game Theory and Mechanism Design.

Financial Markets And Institutions | ECTS (3+0) 5

Overview of Interest Rates and Security Valuation, Central Banking System and Monetary Policy, Securities Markets (Money, Capital, Foreign Exchange, and Derivatives), Commercial Banks, Investment Banks, Insurance Companies, Mutual Funds.

Forecasting | ECTS (3+0) 5

Tools in Econometrics That Are Especially Useful in Forecasting Business Time Series Such as Sales, Expenditures, and Macroeconomic Variables Such As GDP, Interest Rates, Inflation, Stock Market, Etc.

Macroeconomic And National Accounts | ECTS (3+0) 5

Theoretical and Practical Aspects in the Compilation of National Accounts Statistics Based on the Conceptual Framework of the Latest System of National Accounts, Methodological and Compilation Issues of the Latest SNA and Workshops Consisting of Practical Exercises in Compiling the Accounts.

Monetary Policy And Theory | ECTS (3+0) 5

Monetary Policy Implementation in a Closed Economy Contexts, Money Creation and Monetary Transmission Mechanisms, Inflation and Expectations, Neutrality of Money, the Real Business Cycle Model, Classical and Keynesian Approaches to the Monetary Policy and Discusses Their Empirical Evidence, Time Inconsistency in Monetary Policy, Uncertainties in Monetary Policy Design.

Real Estate Economics | ECTS (3+0) 5

The Latest Economic Thinking and Research to the Task of Analyzing Real Estate Market Fundamentals, Forecasting Supply and Demand, and Choosing Locations.

Time Series Analysis | ECTS (3+0) 5

Basic Introduction to Modern Time Series Analysis, Time Series Regression, ARMA/ARIMA Models, Model Identification/Estimation/Linear Operators, Fourier Analysis, Spectral Estimation, and State Space Models.

Trade And Industrialization | ECTS (3+0) 5

Examining in Depth How Firms Behave in a Market Economy, and to Review Some Basic Forms of State Intervention in Modern Capitalist Economics. Providing Some Background on Firm Behavior And, the Legal Environment in Which They Operate, and Reviewing the Rational and Experience of Antitrust and Competition Policies.

Turkish Banking System | ECTS (3+0) 5

Turkish Banking System, Institutions in the Banking System and Services and Products Which They Offer Under the Framework of Related Procedures and Legislation. Deciding and Using in Financial Matters By Choosing Among the Products and Services of Banking System.

Urban Economics | ECTS (3+0) 5

Analyzing Issues of Spatial Economics Including Why Cities Are Formed, Patterns of Residential and Business Location, Models of Housing Market Segregation, Business Location, and Urban Population "Explosions" in Developing Countries.

Welfare Economics And Social Choice | ECTS (3+0) 5

Competitive Price Mechanism and Its Welfare Properties, Economic Justice, Public Goods, Social Welfare Functions, Arrow's Impossibility Theorem, Sen's Liberal Paradox, Voting and Aggregation Rules, Applications and Discussion Topics Include Privatization and Allocation of Resources for National Defense.