

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

1 st SEMESTER

Maths For Social Sciences 1 | ECTS (2+2) 5

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) 6

Introduction to Business Concepts, Business Environment, Business Ethics and Social Responsibility, Entrepreneurship, New Ventures and Business Ownership, The Global Context of Business, Managing and Organizing the Business, Business Functions

Computer Literacy | ECTS (2+2) 6

Basic concepts in Information Technologies , Hardware and software, The usage of computers, File management, Operating systems, -mail messaging, Google Services, Web and Internet, MS Office Programs, MS Word Processing Software, MS Word Processing Software, MS Powerpoint Presentation Program, MS Powerpoint Presentation Program, Project presentations, MS Excel Spreadsheet Program, Project presentations, MS Excel Spreadsheet Program, MS Excel Spreadsheet Program, MS Excel Spreadsheet Program, MS Access and MS Publisher MS Access and MS Publisher, Introduction to Programming, What's computation?, Introduction to Python and Spyder Interfaces, Branching and Iteration, Control Flow and Loops

2 nd SEMESTER

Maths For Social Sciences 2 | ECTS (2+2) 5

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) 6

Introductory 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 Labour 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) 4

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

3 rd SEMESTER

Microeconomics 1 | ECTS (3+0) 5

Consumer Theory, Producer Theory, Utility Maximization, Profit Maximization, Cost Minimization, Supply and Demand Dynamics, Partial and General Equilibrium under Perfect Competition.

Macroeconomics 1 | ECTS (3+0) 5

The macroeconomics course is designed to explain the determination of income, output, employment, price level, interest rates and exchange rates in the whole economy. The impacts of changes and developments in general economy on economic growth, stabilization policies and business cycles will be examined through short-run, medium-run and long-run analyses.

Mathematics for Economics | ECTS (3+0) 5

This course is designed to enable students to utilize mathematics thoroughly in social sciences. In this course, some major subjects of mathematics (functions, limit, derivatives, matrices) are provided and when and how to use them in the field of economics is explained with examples.

Financial Accounting | ECTS (2+2) 6

Fundamental Accounting Equation and General Information and goes on with Monitoring Financial Transactions, fundamental financial statements. Afterwards, Cash and Cash Equivalents & Marketable Securities, Accounts Receivables, Inventories, Non-Current Assets, Short-Term & Long-Term Liabilities and Equities. Following these balance sheet items, Revenue and Expense accounts as well as the working mechanism of the income statement will be treated. Lastly, from the perspective of reporting and analysis functions of financial accounting, financial statement analysis will be discussed.

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.

4 th SEMESTER**Microeconomics 2 | ECTS (3+0) 6**

Profit maximization, Competitive/Monopolistic/Oligopolistic Markets, General Equilibrium, Welfare, Game Theory, Competitive Strategy, Markets Under Asymmetric Information.

Macroeconomics 2 | ECTS (3+0) 6

The macroeconomics course is designed to cover the determination of income, output, employment, price level, interest rates and exchange rates in the whole economy. The general economy will be examined through short-run, medium-run and long-run time periods to see the impacts of business cycles, stabilization policies and economic growth.

Econometrics | ECTS (3+0) 6

As an introduction to econometrics, this course includes theoretical and applied exercises. The course begins with an introduction to econometrics with the background of statistical and mathematical methods, and continues with regression analysis, hypothesis testing, time series and panel data models.

5 th SEMESTER**Research Methods | ECTS (2+2) 4**

Introduction to business, economics and management research, Choosing a research topic and developing your research topic, Literature review, Research philosophy and theory development, Formulating the research design, Research ethics, Selecting samples, Using secondary data, Collecting primary data, Using and designing questionnaires, Analysing data quantitatively, Analysing data qualitatively, Writing and presenting project report

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

The nature and meaning of public finance, public economy theory, public expenditures, public finance (revenues), general principles of tax and other financial obligations, public debts.

Financial Management | ECTS (2+2) 5

This course begins with an overview of financial management and an overview of financial markets and continues with financial statement analysis. The subject of time value of money and bond valuation is about determining the cost of debt. Concepts of risk, return, and several asset pricing models help comprehend asset pricing methods in the market. Furthermore, behavioral finance topic is discussed. Several asset pricing models are about determining the cost of equity. By considering the cost of debt and the cost of equity together, the cost of capital and then, capital budgeting as well as working capital management and cash flow forecasts are

discussed. Additionally, dividend theories and share repurchases, capital structure decisions, and overview of mergers & acquisitions topics are covered.

6 th SEMESTER

Business Analytics | ECTS (2+2) 5

Overview of Basic Statistical concepts, R Programming, Data development, Reporting and Analysis, Predictive Analytics, Regression Techniques, Machine Learning, Prediction Evaluation, Visualizing.

Turkish Economy | ECTS (3+0) 5

Scope of this course covers; general characteristics of the Turkish economy, modern economic history of Turkey national accounts and the GDP, employment, income distribution and price developments; industrial and sectoral structure, economic crises and reform programs

Money and Banking | ECTS (3+0) 5

Monetary and financial structure of the economy, functions of the financial intermediation, financial crises, banking sector in Turkey, its history, development and the current status.

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

This course covers historical development of economic ideas in the 20th and 21st centuries. We will discuss fundamentals of economics such as wages, prices, capital, money etc. and also we emphasize their multidimensional effects from past to now.

7 th SEMESTER

Game Theory | ECTS (3+0) 5

Nash equilibrium, static games, dynamic games, repeated games, strategies.

International Economics | ECTS (3+0) 5

Introduction to International Economy, Classical Foreign Trade Theories, Supply and Demand Models in International Trade Theory, New Models for Explaining International Trade, International Trade Policies, International Trade Intervention Non-Tariff Vehicles, Customs Tariffs, International Trade Policies and Economic Development, Liberalization of World Trade and International Factor Mobility, Financial Crises, International Monetary Systems, European Union Latin America, BRIC and East Asian Countries.

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

Basic subjects and concepts related to agricultural economy: development process of agriculture: agricultural sector and properties of this sector's goods: agriculture and economic development; situation in the world and in Turkey: main economic concepts and principles in agricultural economics: agricultural production factors and characteristics: annual activity results and analysis in agricultural enterprises: preparation and analysis of

enterprise balance sheets: management of agricultural enterprises: agricultural marketing: agricultural and food policies: organization in agriculture and cooperative

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

Essentials of Corporate Finance, Financial Statement Analysis and Planning, Working Capital Management, Firm Valuation, Capital Structure and Capital Cost, Dividend Policy, Financial Evaluation of Investment Projects, Merger & Acquisition

Environmental Economics | ECTS (3+0) 5

Externalities and regulation theory, as applied to environmental problem, special emphasis on 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.

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

Monetary policy implementation in a closed economy context, 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.

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.

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.

Sales and Negotiation Techniques | ECTS (3+0) 5

Introduction of Negotiation, Negotiation Tactics, Stages of Negotiation Process, Maneuvers and Games in Negotiations, Alternative Forms of Negotiation, Administrative and Commercial Negotiations, Negotiation Skills, Legal Factors in the Negotiation Process, Ethics in Negotiations, Case Analysis.

Digital Human Resources and Data Analytics | ECTS (3+0) 5

Students will develop a thorough understanding of the impact of digital technologies on HR systems and will critically reflect upon the new role of the HR function in handling the managerial challenges that such transformation poses. Moreover, since the impact of digital technologies on HR systems has increased human connectivity and thereby transformed the dynamics of social networks, the capability of conducting Social Network Analysis (SNA) is becoming a critical competence of HRM for efficiently detecting critical connections and understanding the informal hierarchies within an organization.

Global Business Trends | ECTS (3+0) 5

Global business trends from past to today, the history of business, industry revolutions, industry 4.0, digitalization and the new business models and trends in the new century.

Marketing Management | ECTS (3+0) 5

This course is designed to inform students about the concepts and practices in marketing of goods and services in contemporary businesses. The course informs students about marketing strategies and plans, market segments and targets, positioning of a brand, and marketing mix elements of product, price, distribution and promotion. The course also examines the major themes in international marketing management, competing and growing using marketing management, and managing a holistic marketing organization for the long run.

Investment Analysis & Project Management | ECTS (3+0) 5

Definition of investment, feasibility, financial aspects of investment analysis, project management tools and Techniques

Cost and Managerial Accounting | ECTS (3+0) 5

Preparing Annual Reports, Accounting for Merchandising and Cost of Goods Sold, Cost Accounting Systems, Costing and the Value Chain, Cost-Volume-Profit Analysis, Incremental Analysis, Responsibility Accounting and Transfer Pricing, Operational Budgeting, Standard Cost Systems, Planning Information Systems and Managerial Control Systems, Using Accounting Information for Decision Making, Techniques for Estimating Fixed and Variable Costs, Budgeting Process, Bridging Planning and Control, Cash Budgeting, Budgetary Control and Variance Analysis.

Feasibility and Valuation | ECTS (3+0) 5

Project evaluation and company valuation, the methods for both are discussed, highlighting their strengths and weaknesses as available tools for decision making in different contexts.

Managing Human Resources | ECTS (3+0) 5

Job analysis and HR planning; recruitment & placement & personality; HR development, training, career planning & perception; compensation; performance management & motivation; Employee relations & leadership; work related attitudes and behaviors

Advanced Econometrics | ECTS (3+0) 5

Principles of Estimation (Ordinary Least Squares, Generalized Least Squares and Maximum Likelihood Estimation with Micro-Econometric applications), Principles of Testing (t- and F-test; Wald, Likelihood Ratio, Lagrange Multiplier Testing Principles), Time Series: Basic Time Series Processes; Stationarity and Nonstationarity - Unit roots and Cointegration - Endogeneity in linear regression models, Instruments, 2SLS estimator; Simultaneous equations. Motivation, definition and asymptotic properties of GMM estimator, Efficient GMM estimation, Over-identifying restrictions, Introduction to Panel Data Models: Fixed effect and random effect models. Arellano-Bond estimator in dynamic panel data models. Introduction to Quantile estimation.

BA. Degree Project ECTS (0+30) 30

The aim of this course is to provide students basic knowledge and skills so that they can conduct a scientific study in the field they want to specialize in. The project/thesis planning stages, thesis writing rules, project design, research methods and techniques, which will be taught to help students work on the research topic they are interested in, are the contents of this course.