

ISTANBUL TİCARET UNIVERSITY

2025-2026 Academic Year

Finance and Banking Department (%100 English)

Course Contents

First Semester / Fall

LNG101 GENERAL ENGLISH I (T: 2 | P: 0 | C: 2 | ECTS: 2)

The verb “to be”, singular and plural words, subject pronouns and possessive adjectives, countries and nationalities, professions, present simple (positive form), present simple (negative and question forms), possessive adjectives and pronouns, time prepositions, “can / to be able to”, present continuous, distinction between present continuous and present simple.

ISL101 INTRODUCTION TO BUSINESS (T: 3 | P: 0 | C: 3 | ECTS: 7)

The basic concepts of business and management, objectives and interaction with the environment, The basic concepts, company’s objectives, classification of company: size, ownership, legal structure, stage of organization, site selection, determining size, capacity, The function of company: management, organization, control, planning.

IKT105 MICROECONOMICS (T: 3 | P: 0 | C: 3 | ECTS: 6)

Fundamental Concepts in Economics / Consumer Theory: Budget Constraint, Preferences, Utility / Demand and the Change in Demand / Consumer Surplus / Individual and Market Demand / Intertemporal Choice, Uncertainty and Information / Firm Theory: Technology, Producer’s Problem / Cost Curves, Firm’s Supply, Industry Supply / Imperfect Competition: Monopoly, Monopolistic Competition, Oligopoly / Factor Pricing and Distribution

MAT101 MATHEMATICS 1 (T: 3 | P: 0 | C: 3 | ECTS: 5)

Numbers / Linear Equations / Inequalities / Coordinate Plane and Graphs / Functions and Inverse Functions / Applications of Functions / Exponential and Logarithmic Functions and Their Applications / Limit and Continuity / Derivative

MUD101: FINANCIAL ACCOUNTING 1 (T: 3 | P: 0 | C: 3 | ECTS: 6)

This course aims to teach the fundamental concepts of accounting and the basic principles of financial reporting. Students are introduced to the structure of the accounting information system, the accounting equation, the chart of accounts, and the preparation of journal entries. The course covers recording of transactions related to assets, liabilities, equity, revenues, and expenses, as well as end-of-period adjustments such as depreciation, provisions, and impairment. Students also learn how to prepare and interpret key financial statements, including the balance sheet, income statement, and cash flow statement. By the end of the course, students

are expected to understand the accounting cycle and acquire the skills necessary to prepare and perform basic analysis of financial statements.

GNL101: ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION 1 (T: 2 | P: 0 | C: 2 | ECTS: 2)

This course is the first of a two-term course on the history of modern Turkey. This course aims to understand the political, social, economic and cultural foundations of modern Türkiye from the beginning of the nineteenth century to the end of World War I. All aspects of Ottoman modernization will be examined, and the Tanzimat and Constitutional Monarchy will be evaluated to understand the transition from empire to republic. In addition to understanding the formation of modern Türkiye, this course will also focus on the continuities and ruptures between Ottoman and republican Türkiye.

GNL105 TURKISH LANGUAGE 1 (T: 2 | P: 0 | C: 2 | ECTS: 2)

The Turkish Language course focuses on improving students' written and verbal communication skills. It covers the definition, characteristics, and history of the language, as well as its relationship with culture. The course also includes spelling rules, punctuation, expression disorders, effective speaking, diction, and communication strategies.

Second Semester / Spring

LNG102: GENERAL ENGLISH II (T: 2 | P: 0 | C: 2 | ECTS: 2)

It covers A1-A2 reading, listening, writing, speaking, grammar, and vocabulary skills.

BAF102 INTRODUCTION TO FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 7)

This course serves as an introduction to the field of finance, focusing on fundamental concepts, tools, and decision-making processes. Students are introduced to the primary goals of finance, the structure of the financial system, financial markets and institutions, and the flow of funds. Key topics include the time value of money, interest rate calculations, the risk-return relationship, basic valuation techniques, and the analysis of financial statements. The role of financial management in corporations and the foundations of personal financial decision-making are also covered. By the end of the course, students are expected to develop the ability to interpret financial data, conduct basic financial analysis, and understand the rationale behind financial decisions.

IKT102 MACRO ECONOMICS (T: 3 | P: 0 | C: 3 | ECTS: 6)

Macroeconomics is the study of how a country's economy works while trying to discern among good, better, and best choices for improving and/or maintaining a nation's standard of living and level of economic and societal well-being. Historical and contemporary perspectives on the roles and policies of government are part of the mix of interpretations and alternatives that surround questions of who or what gains and loses the most or least within a relatively small

set of key interdependent players. The course emphasizes economic principles as applied to the economy as a whole. It includes an analysis of national income and its components, economic indicators, inflation and unemployment, money and banking, stabilization policies.

MAT102 MATHEMATICS II (T: 3 | P: 0 | C: 3 | ECTS: 5)

Derivative and Its Applications in Economics / Derivative of Exponential and Logarithmic Functions / Chain Rule / Asymptotic Curve Sketching / L'Hôpital's Rule / Indefinite Integral / Definite Integral and Its Applications / Systems of Linear Equations / Matrix Algebra / Determinants / Linear Programming

MUD102 FINANCIAL ACCOUNTING II (T: 3 | P: 0 | C: 3 | ECTS: 6)

Tangible Fixed Assets, Intangible Fixed Assets and Their Accounting / Financial Liabilities and Their Accounting / Trade Payables and Their Accounting / Other Liabilities and Their Accounting / Equity and Its Accounting / Income Statement Elements and Their Accounting / Cost Accounts (7/A and 7/B Options)

GNL102 ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II (T: 2 | P: 0 | C: 2 | ECTS: 2)

This course is the second part of the yearlong course on the history of modern Türkiye. In this second part, we will cover the period between 1918 and 2014. By taking this course you will get familiarized with the political, economic, social and cultural history of Türkiye. We will focus on the single-party regime and the transition to the multi-party democratic political life. We will also focus on among other things, the foreign policy of Türkiye during the Cold War and beyond, economic crises and neoliberal transformation, civilian-military relations, and identity politics.

GNL106 TURKISH LANGUAGE II (T: 2 | P: 0 | C: 2 | ECTS: 2)

Spoken and written expressions, the importance of speech, The principles of effective and correct speech, The components that are necessary making a speech, Kinds of speech, The rules and special features of spoken and written literary kinds, The rules and special features of formal writings, Formal writings, Scientific research methods, To prepare a scientific report and the rules of writing bibliography and footnotes.

Third Semester / Fall

MUH201 COST AND MANAGERIAL ACCOUNTING (T: 3 | P: 0 | C: 3 | ECTS: 5)

Objectives of Cost Accounting and Management Accounting / Its Role in the Accounting Information System / Concepts of Expense, Expenditure, and Cost / Types of Cost Expenses / Cost Type, Cost Center, and Cost Allocation Concepts / Cost Accounting Accounts and Flow Chart in the Uniform Accounting System / Raw Material and Material Costs / Direct Labor Costs / General Production Costs / Allocation of General Production Expenses / Traditional Costing Systems (Job Order Costing, Process Costing, Standard Costing Systems) /

Classification of Expenses Based on Variability / Methods for Determining Expense Variability / Calculation of Variability Using Computer Applications / Cost-Volume-Profit Relationships / Break-even Analysis / Product Mix / Maximizing Profit / Decision-making on Loss-making Products / Pricing Decisions / Variance Analysis in Standard Costing / Cost Management / Cost Control / Additional Cost Decisions / Strategic Management

GNL203 ACADEMIC SKILLS, METHODS, AND ETHICS (T: 3 | P: 0 | C: 3 | ECTS: 2)

This course teaches research design, execution, reporting, and ethical principles. It covers sampling methods, data collection, and data analysis techniques. The course includes quantitative and qualitative data analysis, primary and secondary data usage, and sampling methods.

HUK242 BUSINESS LAW (T: 3 | P: 0 | C: 3 | ECTS: 4)

Topics related to commercial enterprises, merchant concepts, types of commercial enterprises, interest, commercial transactions, merchant assistants, trade name, business name, trade registry, trademark, unfair competition, commercial books, and current account concepts.

IST231 INTRODUCTION TO STATISTICS (T: 3 | P: 0 | C: 3 | ECTS: 5)

Definition of Statistic / Statistical Operations / Tables and Graphs / Frequency Concept and Frequency Types / Characters and Characteristics / Central Tendency Measures and Averages / Mode, Median, Percentiles / Disintegration Characteristics / Regression Analysis and Least Squares Method

BAF206 INTRODUCTION TO BANKING (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course aims to introduce the fundamental structure, functions, and role of the banking sector within the financial system. Core topics include the historical evolution of banking, types of banks, organizational structures, and key services such as deposit-taking, lending, and payment systems. The course also provides basic knowledge of central banking, monetary policy, and banking regulations. Comparative perspectives on banking practices in Turkey and around the world are offered, along with discussions on digital transformation and the impact of financial technologies. By the end of the course, students are expected to understand the functioning of modern banking and the role of banks in the broader economy.

BAF203 FINANCIAL MATHEMATICS (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course provides an introduction to the basic mathematical concepts and techniques used in finance and banking and includes topics from calculus, linear algebra and probability, emphasising their inter-relationships and applications to the financial area. It also introduces students to the use of computers in mathematics; develops problem solving skills with a particular emphasis on financial and business applications. Topics covered are: polynomial, exponential, logarithmic functions, interest rates and annuities, linear equations.

Fourth Semester / Spring

BAF202 FINANCIAL MARKETS AND INSTITUTIONS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This is an introductory course designed to give students detailed exposure to the wide variety of financial instruments and the financial markets. The course will consider the economic principles underlying the working of national and international financial institutions. It aims to cover the basic theory and operation of financial systems, flow of funds and financial markets, theory and behaviour of interest rates, term and risk structure of interest rates, exchange rates, interest parity, expectations formation, equity markets and debt market.

BAF327 MONETARY THEORY AND POLICY (T: 3 | P: 0 | C: 3 | ECTS: 5)

Money – Features of Money – Definition of Money – Kinds of Money / Money Supply – Money Demand / Monetary systems – Monetary Theory / Central bank monetary policy tools/ Inflation – Deflation / Devaluation – Revaluation – Stagflation / Net foreign investment – Public finance and Money

BAF205 INTRODUCTION TO INFORMATION SYSTEMS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course provides an introduction to information systems and technologies with a particular focus on their applications in finance and banking. Students will explore the fundamental components of information systems—hardware, software, databases, networks, and human resources—and understand their strategic role in financial institutions. Emphasis is placed on how information systems support data-driven decision-making, enhance operational efficiency, and enable digital transformation in banking and financial services. Key topics include electronic banking systems, financial technologies (FinTech), cybersecurity, blockchain, and regulatory technologies (RegTech). Through case studies and real-world examples, the course aims to equip students with the digital competencies and analytical thinking skills essential for navigating today's technology-driven financial landscape.

BAF215 BANKING REGULATIONS (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course provides a comprehensive overview of the legal and institutional framework governing the banking sector. Students are introduced to national and international regulatory structures, supervisory mechanisms, and the roles of key regulatory bodies such as the Banking Regulation and Supervision Agency (BRSA), the Central Bank of the Republic of Turkey (CBRT), and the Basel Committee on Banking Supervision. The course explores the primary objectives of banking regulations, including the promotion of financial stability, the enhancement of risk management practices, and the protection of consumer interests. Particular emphasis is placed on Basel Accords, capital adequacy standards, liquidity requirements, and compliance processes. Through comparative analysis, students examine both Turkish and global regulatory practices. The course aims to equip students with both theoretical knowledge and practical interpretive skills in the field of banking regulation.

BAF425 FINANCIAL ECONOMETRICS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to introduce the fundamental econometric methods used in the analysis of financial data. Students will develop analytical skills within the framework of classical linear regression models, with a particular focus on estimation and interpretation in financial contexts. The course explores the structure and characteristics of financial time series, emphasizing models such as Moving Average (MA), Autoregressive (AR), ARMA, and ARIMA for forecasting and modeling financial market data. Topics include multivariable regression analysis, unit root tests, cointegration analysis, and the measurement of volatility. Special attention is given to modeling time-varying volatility using ARCH and GARCH models, particularly in the context of risk assessment. Additionally, computer-based applications (e.g., EViews, Stata, or Excel) are used to translate theoretical knowledge into empirical analysis. The course is designed to enhance students' abilities in financial data analysis, interpretation of econometric models, and conducting empirical research in finance and banking.

FIFTH SEMESTER / FALL

BAF323 BANK MANAGEMENT (T: 3 | P: 0 | C: 3 | ECTS: 7)

This course aims to provide a comprehensive understanding of the fundamental concepts, historical development, and managerial structure of the banking sector. It explores the definition of money, the evolution of money and banking, and the impact of financial innovations on the banking industry. The course examines both global and Turkish banking systems from a comparative perspective, including international payment standards and systems used in banking. Topics such as bank management structures, asset-liability management, banking theories, and banking crises are covered in detail. Additionally, the course addresses risk management practices in banking, along with the implementation and implications of the Basel Accords, particularly in the context of the Turkish banking system. By the end of the course, students are expected to develop the analytical skills necessary to evaluate banking operations strategically and understand effective approaches to bank management.

BAF307 FINANCIAL MANAGEMENT (T: 3 | P: 0 | C: 3 | ECTS: 7)

This course introduces the fundamental principles of financial management and the decision-making processes in corporate finance. Students will learn key concepts such as the time value of money, interest calculations, cash flow analysis, risk-return trade-off, and valuation techniques. The course also covers financial statement analysis, working capital management, and short-term financial planning. Special emphasis is placed on the valuation of financial securities, including stocks and bonds, as well as the criteria used in capital budgeting decisions. Throughout the course, theoretical knowledge is reinforced through Excel-based applications and case studies. By the end of the course, students are expected to acquire the ability to conduct financial analysis, evaluate investment decisions, and develop financial strategies that enhance firm value.

BAF313 ENTREPRENEURIAL FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course provides a comprehensive overview of the financial decision-making processes faced by entrepreneurs and the financing methods available to early-stage ventures. Core topics include the financial feasibility of business ideas, cash flow projections, and valuation techniques for startups. Various sources of entrepreneurial financing—such as venture capital, angel investors, crowdfunding, and other alternative instruments—are examined in detail. The course also explores entrepreneur-investor relationships, investment contracts, exit strategies, and the structure of venture capital funds. Through case studies, financial planning exercises, and presentations, students will develop a financial perspective on entrepreneurship. The course aims to equip students with the skills to evaluate innovative business ideas from a financial standpoint and to design appropriate financing strategies for building sustainable ventures.

BAF311 TRADING ON STOCK EXCHANGES (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course offers a comprehensive overview of capital markets and trading activities conducted on stock exchanges. Students are introduced to the structure and operational principles of securities exchanges, including trading mechanisms, order types, and financial instruments such as stocks, bonds, and mutual funds. Topics such as order execution, price determination, trading schedules, and market depth are explored in detail. The course also covers the development of trading strategies through fundamental and technical analysis. Comparative analysis of Borsa Istanbul and major international stock exchanges is provided, and students engage in practical simulations through virtual trading platforms. By the end of the course, students are expected to develop the skills necessary to invest effectively in capital markets and evaluate trading activities from a strategic perspective.

GNL450 CAREER PLANNING (T: 2 | P: 0 | C: 2 | ECTS: 0)

This course is designed to equip students with essential knowledge and skills for identifying career goals, developing professional awareness, and preparing for the transition to the business world. Students are encouraged to assess their personal competencies, recognize their strengths and areas for improvement, and explore various career paths in the professional landscape. Practical components include CV writing, interview techniques, professional communication, and networking strategies. The course also offers opportunities for interaction with industry professionals, access to internship and job opportunities, and personalized career guidance. It aims to help students discover their potential and plan their post-graduation career paths with greater clarity and confidence.

SIXTH SEMESTER / SPRING

BAF310 DIGITAL FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course aims to examine the impact of digitalization on the financial system and introduce emerging financial technologies. Key components of the digital transformation in financial services—such as digital payments, mobile banking, digital wallets, blockchain technology, cryptocurrencies, and decentralized finance (DeFi)—are explored in depth. The course also covers regulatory technologies (RegTech), open banking, and the integration of big data

analytics into financial decision-making processes. The implications of digital finance for individual investors, financial institutions, and regulators are assessed through case studies. By the end of the course, students are expected to gain the ability to identify, analyze, and make informed strategic decisions in the context of digital financial environments.

BAF336 FINANCIAL REPORTING AND ANALYSIS (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course focuses on the preparation, interpretation, and analysis of financial statements. Students are introduced to the structure and content of the balance sheet, income statement, cash flow statement, and statement of changes in equity within the framework of International Financial Reporting Standards (IFRS). Analytical tools such as ratio analysis, trend analysis, and vertical-horizontal analysis are used to assess a company's financial performance. The course also examines the impact of accounting policies on financial reporting and the interpretation of financial statements from the perspectives of investors, managers, and regulatory bodies. By the end of the course, students are expected to acquire the skills to analyze and interpret financial statements and to support decision-making processes through financial data.

BAF312 REGULATION AND SUPERVISION IN FINANCIAL MARKETS (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course provides a comprehensive overview of the objectives, instruments, and impacts of regulation and supervision in financial markets. Students will learn the importance of regulatory frameworks in ensuring financial stability, market integrity, and investor protection. The roles and functions of key regulatory institutions in Turkey—such as the Banking Regulation and Supervision Agency (BRSA), Capital Markets Board (CMB), Central Bank of the Republic of Turkey (CBRT), and the Savings Deposit Insurance Fund (SDIF)—are examined in detail. The course also explores international regulatory frameworks (e.g., Basel Accords, IOSCO) and how financial crises have shaped modern regulatory approaches. Topics include compliance, supervision, enforcement mechanisms, and the adaptability of regulation in response to financial innovation and technological change. By the end of the course, students are expected to develop a solid understanding of regulatory structures, oversight processes, and the dynamics of policy-making in financial markets.

BAF308 FINANCIAL MANAGEMENT 2 (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course is a continuation of Financial Management I and focuses on the analysis of long-term financial decisions in corporate finance. Topics include capital structure theories, leverage analysis, dividend policies, and strategies aimed at maximizing firm value. The course also covers the cost of capital, long-term financing instruments, and advanced firm valuation techniques. In addition, students explore financial risk measurement and management, as well as the financial aspects of mergers and acquisitions. Theoretical concepts are reinforced through case studies and financial modeling exercises. By the end of the course, students are expected to develop the ability to make strategic financial decisions that contribute to sustainable corporate value creation.

BAF314 DATA ANALYSIS APPLICATION IN FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course aims to teach students how to apply essential statistical and analytical techniques to financial data. Students will learn data collection, cleaning, visualization, and interpretation processes, supported by hands-on practice using Excel and/or basic data analysis software. Key topics include descriptive statistics, correlation, regression analysis, time series analysis, and financial forecasting techniques. Real-world financial datasets are used to help students develop the ability to interpret data in ways that support financial decision-making. The course also explores data-driven approaches to risk analysis, portfolio performance evaluation, and market behavior measurement. By the end of the course, students are expected to enhance their analytical thinking skills and be well-prepared for data-informed financial decision-making processes.

SEVENTH SEMESTER / FALL

BAF433 INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course covers the fundamental principles and methods of analyzing financial assets and constructing efficient investment portfolios. Students are introduced to the valuation techniques of securities such as stocks and bonds, along with an in-depth examination of the risk-return relationship, diversification, portfolio optimization, and equilibrium models such as the Capital Asset Pricing Model (CAPM). Core concepts include modern portfolio theory, the efficient frontier, beta coefficient, and the distinction between systematic and unsystematic risk. The course also addresses portfolio performance evaluation, rebalancing strategies, and the influence of behavioral finance on investment decisions. Through applied examples and case studies, the course aims to enhance students' critical thinking and strategic decision-making skills in investment analysis and portfolio management.

BAF415 DERIVATIVE MARKETS AND INSTRUMENTS (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course provides a comprehensive understanding of the functioning of derivative markets and the role of derivative instruments in financial risk management. Key instruments such as futures, options, forward contracts, and swaps are examined in detail in terms of their structure, functions, and pricing techniques. The course explores how derivatives are used for speculation, arbitrage, and hedging purposes through practical examples. Regulatory frameworks, clearing and margin systems, and the benefits and risks of derivative instruments for both individual and institutional investors are also discussed. By the end of the course, students are expected to develop the ability to identify, value, and strategically utilize derivative products in financial decision-making.

BAF427 BEHAVIORAL FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course aims to examine behavioral finance theories that explain deviations from rational decision-making in individual and market-level financial behavior. Unlike traditional finance models, behavioral finance incorporates psychological insights to explore cognitive biases

(such as overconfidence, framing, and loss aversion) and emotional influences on investor behavior. Market anomalies, bubbles, crashes, and investor sentiment are analyzed through a behavioral lens. The course also discusses the implications of behavioral finance for portfolio management, asset pricing, and corporate financial decisions. By the end of the course, students are expected to understand the psychological underpinnings of financial decisions and assess investor behavior through a more realistic and interdisciplinary perspective.

BAF477 FIRM VALUATION (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course aims to teach the fundamental methods and approaches used in determining the financial value of firms. Core valuation techniques such as discounted cash flow (DCF) analysis, comparable company analysis, and multiples-based valuation are examined in detail. Key components of the valuation process—such as cost of capital, cash flow projections, growth assumptions, and risk factors—are thoroughly analyzed. The course also covers the valuation of private and publicly traded companies, as well as applications in mergers, acquisitions, and initial public offerings (IPOs). Practical exercises based on real company data are used to enhance students' analytical and applied valuation skills. By the end of the course, students are expected to be capable of calculating and interpreting firm value across various industries using sound financial principles.

EIGHTH SEMESTER / SPRING

BAF472 RISK MANAGEMENT (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to provide students with the fundamental concepts and techniques for identifying, measuring, and effectively managing risk in financial institutions and corporations. Key types of risk—such as market risk, credit risk, liquidity risk, operational risk, and interest rate risk—are introduced in detail. Students explore risk measurement tools including Value at Risk (VaR), stress testing, and scenario analysis, along with their implications for financial performance. The course also examines hedging strategies, the use of derivative instruments, and the role of internal control and audit systems in risk management. By the end of the course, students are expected to develop the ability to assess and manage financial risks and to design appropriate strategies that support organizational sustainability and resilience.

BAF438 INTERNATIONAL BANKING (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course provides a comprehensive overview of the structure, operations, and risks associated with international banking as part of the global financial system. Students are introduced to international money and capital markets, cross-border banking activities, the business models of multinational banks, and international payment systems. Key global risks—such as country risk, exchange rate risk, political risk, and regulatory risk—are examined in detail. The course also explores the impact of Basel regulations on international banking, the effects of global financial crises on the banking sector, and international supervisory frameworks. By the end of the course, students are expected to develop the ability to strategically analyze international banking operations and manage financial risks in a global context.

BAF418 ETHICS AND SUSTAINABILITY IN FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 4)

This course aims to examine the importance of ethical principles and sustainability considerations in financial decision-making processes. It explores ethical dilemmas in financial markets, conflicts of interest, and issues related to corporate governance. Key topics include Environmental, Social, and Governance (ESG) criteria, sustainable investment strategies, green financial instruments (such as green bonds), and the measurement of ethical and sustainability-related risks. The course also analyzes international frameworks and standards such as the UN Principles for Responsible Investment (UN PRI), Global Reporting Initiative (GRI), and the Task Force on Climate-related Financial Disclosures (TCFD). By the end of the course, students are expected to develop the ability to make ethically sound financial decisions, integrate sustainability into financial analysis, and adopt a responsible approach to financial management.

BAF426 INTERNATIONAL FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 3)

This course aims to analyze the fundamental dynamics of the international financial system and the financial decision-making processes of multinational firms. Students are introduced to exchange rate systems, foreign exchange markets, parity conditions (PPP, IRP), international capital flows, and global financial instruments. The course covers international risk factors—such as currency risk, country risk, and political risk—and presents strategies for measuring and managing these risks. Additional topics include foreign direct investment (FDI), external borrowing, transfer pricing, and the capital structure of multinational corporations. By the end of the course, students are expected to develop a solid understanding of global financial markets, evaluate international investment decisions, and manage foreign exchange risk effectively.

SELECTIVE COURSES

BAF421 THE HISTORY OF FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to analyze the historical development of financial systems, the evolution of financial practices across civilizations, and the transformation of global financial structures. Beginning with Mesopotamia, Ancient Greece, and Rome, the course explores financial transitions through the Islamic Golden Age, Europe's commercial revolutions, the Industrial Revolution, and the emergence of modern banking. Key historical financial regimes—such as mercantilism, the gold standard, the Bretton Woods system, and globalization—are examined. Major financial crises, including the Great Depression of 1929 and the Global Financial Crisis of 2008, are discussed in terms of systemic vulnerabilities and regulatory reforms. By the end of the course, students are expected to gain a deep understanding of the historical foundations of finance and to critically assess contemporary financial institutions and practices in light of their historical context.

BAF439 BANK AUDITING (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to provide a comprehensive understanding of auditing processes, regulatory frameworks, and risk-based audit approaches in the banking sector. Students are introduced to

internal audit, external audit, independent audit, and regulatory supervision concepts, with particular emphasis on the roles of supervisory authorities such as the Banking Regulation and Supervision Agency (BRSA) and the Central Bank of the Republic of Turkey (CBRT). The course focuses on auditing credit, market, and operational risks, evaluating internal control systems, and preparing audit reports. International standards for bank auditing (e.g., Basel Committee principles) and compliance audits related to ethics and regulatory requirements are also discussed. By the end of the course, students are expected to develop the ability to understand banking audit processes holistically, analyze audit findings, and propose recommendations that contribute to effective risk management.

BAF441 BANKING GAME: MANAGEMENT OF A BANK (T: 3 | P: 0 | C: 3 | ECTS: 5)

This practical course aims to enhance students' strategic and operational decision-making skills by engaging them in a banking simulation environment. Acting as bank managers, students simulate core banking activities such as lending, deposit management, interest rate setting, liquidity and capital management. Topics including risk management, profitability analysis, and competitive strategy are explored through real-time data and dynamic scenarios. Conducted in teams, the simulation game helps students improve their ability to interpret financial statements, measure performance, and adapt to changing market conditions. By the end of the course, students are expected to gain a comprehensive understanding of banking operations and develop the capability to make effective strategic management decisions in a competitive financial environment.

BAF443 BANK ACCOUNTING (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to teach the accounting principles, recording systems, and financial reporting practices specific to the banking sector. Students are introduced to bank-specific balance sheet and income statement items, including loan transactions, interest income and expenses, provisions, collateral, and accounting for derivatives. Accounting practices are examined within the framework of Turkish Financial Reporting Standards (TFRS) and regulations issued by the Banking Regulation and Supervision Agency (BRSA). The course also discusses financial statement analysis, alignment of accounting systems with internal control mechanisms, and principles of transparency. By the end of the course, students are expected to develop the ability to prepare and interpret accounting records for banking transactions and to analyze the financial position of banks effectively.

BAF457 FINANCIAL INSTITUTIONS AND NEW TRENDS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to provide a comprehensive understanding of financial institutions as core components of the financial system, along with an exploration of emerging trends in the sector. It covers the structure and functions of key financial institutions such as banks, insurance companies, investment and pension funds, leasing, and factoring firms. The course also examines new trends including financial technologies (FinTech), digital banking, open banking, crypto assets, and sustainable finance. Topics such as post-crisis regulatory developments, financial inclusion, and green financing are also discussed. By the end of the course, students

are expected to understand the roles of traditional financial institutions and critically evaluate next-generation financial innovations and developments.

BAF459 DEVELOPMENT AND INVESTMENT BANKING (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to examine the core principles, operational frameworks, and economic roles of development and investment banking. Students are introduced to the role of development banks in financing infrastructure, energy, industry, and sustainable projects, as well as the functions of investment banks in capital market activities. Key topics include equity and bond issuance, merger and acquisition financing, project finance, and private equity operations. The course also analyzes the structure and practices of international development finance institutions (such as the World Bank, EBRD, and IMF) alongside development and investment banks in Turkey. By the end of the course, students are expected to understand the connection between long-term development goals and financial intermediation, and to conduct strategic financial assessments in the context of development and investment banking.

BAF429 BANKING OPERATIONS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to provide an in-depth understanding of the fundamental operational processes and workflows within the banking sector. Students are introduced to core banking functions such as deposit operations, credit processing, payment systems, check and promissory note transactions, trade finance, money transfers, and customer services. Topics also include the identification of operational risks, the importance of internal controls, and the transformation of operational structures through digital banking. Additionally, service quality, process efficiency, and customer satisfaction practices in banking are examined through case studies. By the end of the course, students are expected to develop the ability to understand and manage banking operations effectively and analyze operational risks in real-world contexts.

IKT425 TURKEY AND WORLD ECONOMY (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to analyze the structural characteristics of the Turkish economy and its interaction with the global economic system. Students are introduced to Turkey's key macroeconomic indicators (growth, inflation, unemployment, foreign trade, current account balance, etc.), its historical economic development, and major economic policy frameworks. The course also covers the functioning of the global economic system, international trade, capital flows, exchange rate regimes, and the roles of multilateral institutions such as the IMF, World Bank, and WTO. Topics such as globalization, regional economic integrations, emerging markets, and the impact of global economic crises on the Turkish economy are discussed through case studies. By the end of the course, students are expected to develop the ability to evaluate the Turkish economy within a global context, analyze economic trends, and engage in informed policy discussions.

BAF430 BANKING AND FINANCE INTERNSHIP (T: 0 | P: 0 | C: 0 | ECTS: 6)

This internship course is designed to enable students to reinforce their theoretical knowledge in banking and finance through hands-on experience. Students complete a supervised internship at a bank, financial institution, or related organization for a designated period, gaining direct

exposure to the professional environment. During the internship, students are encouraged to acquire practical skills in core banking operations, customer relationship management, credit and risk analysis, accounting practices, and financial reporting. The course also promotes the development of professional ethics, teamwork, communication, and workplace discipline. At the end of the internship, students are required to submit a detailed report summarizing their experiences for academic evaluation. This course aims to prepare students for their professional careers with greater competence and confidence.,

BAF442 INTERNATIONAL INVESTMENT STRATEGIES (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to analyze the global investment environment and develop strategic approaches to international investment. Students are introduced to key risk factors such as exchange rate risk, country risk, and political risk that influence cross-border investments. The course covers strategies for global portfolio diversification, international asset allocation, and investment decisions in both developed and emerging markets. It also examines multinational firms' investment decisions, foreign portfolio investments, foreign direct investment (FDI), and international capital flows. Additionally, the course explores investor behavior, the impact of global financial crises, and the role of macroeconomic indicators in shaping investment strategies. Through case studies, students are expected to develop the ability to make informed strategic investment decisions and analyze the dynamics of the international financial environment.

BAF446 GLOBAL CAPITAL MARKETS (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to analyze the structure, functioning, and role of global capital markets within the international financial system. Students are introduced to the trading mechanisms, pricing structures, and investment strategies related to equities, bonds, derivatives, and other securities in international markets. Topics such as capital flows in developed and emerging markets, market liquidity, information asymmetry, and market efficiency are explored in depth. The course also covers global regulatory institutions, major financial centers, the impact of financial crises on capital markets, and technology-driven transformations such as algorithmic trading and digital securities. By the end of the course, students are expected to understand the dynamics of global capital markets and to evaluate investment decisions from an international perspective.

BAF466 INTRODUCTION TO MACHINE LEARNING (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course introduces the fundamental concepts and algorithms of machine learning, with an emphasis on their potential applications in financial data analysis. Topics include supervised and unsupervised learning techniques, classification, regression, clustering, and dimensionality reduction. Students will become familiar with algorithms such as decision trees, k-nearest neighbors (k-NN), support vector machines (SVM), naive Bayes, and basic neural networks. Real-world financial use cases — including credit scoring, fraud detection, algorithmic trading, and portfolio optimization — are explored through case studies. While programming is not mandatory, tools such as Python or Excel may be used in sample applications for basic data

processing and analysis. By the end of the course, students are expected to understand key machine learning concepts and interpret their use in financial decision-making contexts.

BAF486 PERSONAL FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course aims to equip students with the essential knowledge and skills for managing personal financial resources effectively and responsibly. Core topics include budgeting, balancing income and expenses, saving strategies, debt and credit management, insurance products, and retirement planning. The course also covers personal investment options—such as deposits, bonds, stocks, and mutual funds—and guides students in making decisions within a risk-return framework. Financial literacy, behavioral biases, and the use of digital financial tools are discussed through case studies. By the end of the course, students are expected to develop the ability to create and manage personal financial plans that support long-term financial well-being and sustainability.

BAF488 CASES IN CORPORATE FINANCE (T: 3 | P: 0 | C: 3 | ECTS: 5)

This course focuses on the application of corporate finance concepts through real-world case studies. Students analyze key topics such as capital structure, dividend policy, firm valuation, mergers and acquisitions, investment project appraisal, and financial restructuring using detailed case analyses. Each case encourages the evaluation of financial outcomes related to strategic decisions and the development of alternative scenarios. Global corporate examples are used to explore financial challenges faced by multinational firms. Through group presentations, discussions, and written analyses, the course aims to enhance students' analytical thinking, critical evaluation, and professional reporting skills. By the end of the course, students are expected to be capable of interpreting and applying complex corporate financial decisions in practice.