

T. C.
DUMLUPINAR UNIVERSITY
SCHOOL OF APPLIED SCIENCES
DEPARTMENT OF BANKING AND FINANCE COURSE CONTENTS

1st YEAR - 1st SEMESTER

Information Systems and Technologies

Introduction to the computer, this course includes basic information about system software (Windows) and application software (word processing, spreadsheet, graphics, database, e-mail, internet) and programming in high-level languages.

The basic concepts of law

Properties of legal rules and other social order rules; contemporary legal systems; compilation of law and compilation of Turkish law; sanctions and types; public law, private law, mixed law and subdivisions; Turkish positive law and its problems; implementation of law from various perspectives; right; rights ownership and driving license concepts; responsibility and responsibility.

English I

This course aims to improve the knowledge of business English in current topics such as advanced listening and reading, globalization, brands, advertising, trade and innovation. The course focuses on case studies, real company problems, corporate negotiations, report presentations and business relations development, and discussion and written communication.

General business

This course mainly focuses on the basic concepts of business, the reasons of the existence of the enterprises, the establishment of the enterprise, the functions of the enterprise and current issues in business administration.

Mathematics I

Fundamentals (Real numbers, rooted multiplicities, polynomials, multipliers), equations and inequalities, functions, analytical analysis of correct and parabolic, exponential and logarithmic function, limit and continuity, derivative

General accounting

Accounting of cash transactions according to Uniform Accounting System,

Accounting of securities transactions, accounting of inventory movements, accounting for VAT transactions, accounting of trade payables and receivables, deposit transactions, preparation of payroll, depreciation of fixed assets, short term liabilities, long term liabilities, equity, income statement and cost accounts . In this context, in the context of the theory-application, with the help of case studies, the emphasis will be given on the period-in-process of these classes of accounts, as well as some end-of-period transactions such as depreciation. In addition, in light of this information, information about the financial events that may occur in a company for one year, will be given information about the balance sheet, the income statement and how to prepare the balance sheet.

Turkish Language I

Turkish Language course, presentation, aims and evaluation form, importance and place in other courses, spoken language, written language and other forms, birth of languages, importance in human and community life, love-respect in the language, place of Turkish on the world's languages works, features and beauty, historical development and circuits of Turkish Language, word language of developed language, word types and branches of an advanced language with dialects, dialects and dialects of Turkish, classification of written language, general features, Turkish Literature, Nesri, Poetry The main alphabets used in Turkish throughout history, parts of linguistics, formation and types of human voice, famous and consonant features, classification, voice in Turkish, highlighting, speech and diction, abstract, petition, letter, telegraph.

Class 1 - II. SEMESTER General Economics

What is Economics? Fundamental concepts of economics, demand, utility, needs, goods, service concepts, famine and choice, development of economic thought, supply and demand, flexibility and utility, consumption theory, production theory, costs, markets, basic problems of economy

Law of Obligations

Debt relationship and the birth of debts, representation and acceptance, representation. Provisions of obligations Special cases in debt. Assignment of debt, debt transfer, private debt relations.

English II

English grammar, vocabulary, reading comprehension, oral expression and writing skills, which will form the basis of English, which students will need in their undergraduate and professional life.

Mathematics II

Multivariate Functions, Indefinite Integral, Definite Integral, Matrix Algebra, Determinant

Period End Accounting Procedures

General Information about the Course, Inventory Related Concepts, Scope of Inventory Operations, Valuation, Commercial and Financial Profit Concepts, Inventory Transactions in Balance Sheet Accounts: Current Assets: Cash, Banks and Securities, Receivables, Inventories, Inventory Transactions in Balance Sheet Accounts: Fixed Assets: Tangible Assets Fixed Assets and Intangible Assets, Inventory Transactions in Balance Sheet Accounts: Foreign Resources and Shareholders' Equity: Bank Loans, Commercial and Other Payables, Taxes, Period End Transactions in Income and Expenses, Regulation of Balance Sheet and Income Statement.

Marketing

Introduction to Marketing, Explanation of Basic Concepts about Marketing, Development of Marketing Understanding, Market and Marketing Environment, Marketing Information System, Marketing Research and Marketing Research Process, Consumer Behavior, Consumer Decision Making Process.

Turkish Language II

Writing Rules, Punctuation, Expression and Narration, General Information about Composition, Petition, Report, Official Letter, Business Letter, Electronic Letter, Article, Abstract, Rules to be Followed in Scientific Writing.

CLASS 2 - III. SEMESTER

A.I.T. I

Conceptual explanations, the collapse of the Ottoman Empire and investigate the reasons for this, Armistice Armistice Mustafa Kemal's National Struggle Movement, domestic rebellions, revolutions: Leading the Revolution and Emerging Revolution, Democracy Development in Turkey, Armenian and the Cyprus problem.

Microeconomics

In this course, economic system problem, economic event, parties of economic event, their behavior, consumer theory and utility maximization, firm theory and profit maximization, firms' decision making processes in different markets and factor market will be analyzed. Markets, Fundamental Problems of Economy

Financial Management I

The concepts of financial management and finance, the purpose of financial management and the importance of financial management, the functions of financial managers, financial analysis, planning and budgeting, the management of working capital elements and their interaction with each other.

Financial Mathematics

Simple and compound interest, simple and compound discount, present and future value, partial payments, equivalent and merged notes, financial markets, annuities, debt payments.

commercial law

Commercial Business, Commercial Business, Commercial Provision, Commercial Jurisdiction, Merchant, Trade Registry, Trade Name, Competition, Commercial Books, Current Account, Merchant Assistants.

Statistics I

What is statistics? Importance, Basic concepts used in statistics and types of scale, Types of data collection and statistical series, Graphical drawing of series, Averages: Arithmetic, weighted, geometric and quadratic mean, Averages: Median and mode, Variability Measurements: Variance,

Standard deviation and Coefficient of Variation, Moments Measures of variability based on probability, Probability: Simple and conditional probability calculation, Probability: Multiplication and addition rule, Probability distributions: Binomial, Poisson distribution and Normal distribution

Bank Accounting and Reporting

Different aspects of bank accounting from other accounting branches, classification of banking transactions, accounting for deposits, loans and lending transactions, transfer, letter of credit services and principles of foreign exchange accounting.

CLASS 2 - IV. SEMESTER

A.İ.İ.T. II

Drafting the Ottoman Empire. Paris Peace Conference. The invasion of Izmir. Internal status of the country and minorities. Circassian Ethem Incident. I. and II. Battles of İnönü. The Battle of Eskişehir and Kütahya. Battle of Sakarya and its consequences. Treaties of Kars and Ankara. Major assault. Mudanya Armistice, principles and importance. Lausanne Conference and its importance. Turkish Revolution, Political, legal, social, cultural, educational-educational revolutions. Transition to multi-party system. Economic developments. Turkish Foreign Policy. The Armenian problem. II. World War II and Turkey. Principles of Atatürk.

Basic Banking Services and Products

In general, the financial system and financial system markets and institutions, the history of banking, the functions of banks and their effects on the economy, types of banks, organization and marketing in banks, active liability management in banks, deposit and investment products, loans, banking service products and derivatives, electronic banking and card services.

Macro economics

Basic concepts related to National Income, Calculation of GNP, Employment teleology, Concept of unemployment and its types, Definition and historical development of money, Monetary and fiscal policy, Fluctuations in general level of prices, General balance of IS-LM, Growth and development, Business cycle theories, International Economics Relations, Integration, General Equilibrium, Theories of Welfare and the Economic Role of the State, Privatization Policies, Economic Systems and Transition Economies

Financial Management II

Capital budgeting as part of investment project appraisal activities, financial evaluation of risky investment projects, profit distribution policy in enterprises and the effect on the market value of the enterprise, short and medium and long term financing sources, cost of capital and creation of optimum capital structure, financial markets and stock exchanges.

Monitoring and Law of Negotiable Instruments

The main principles of the negotiable documents, the value of the negotiable documents, the properties of the negotiable documents which are arranged to the bearer and the bearer, the kinds of negotiable documents, the classification of the negotiable documents.

Statistics II

Sampling theory, statistical estimation, Statistical decision making, Hypothesis testing, Small sampling, Time series analysis, Least square method, Indexes, Regression and correlation analysis, Chi-square test

Banking and Insurance Marketing

The concept of service in banking sector, Banking service products, Marketing mix of banking services, Distribution, pricing and promotion in banking services and products.

3rd YEAR - V. SEMESTER I. Internship

It includes a full 20-day internship under supervision of a consultant / expert in a bank, brokerage house and the finance department of the enterprise.

Econometrics I

Definition, Scope and Purpose of Econometrics / Main Mass and Subordinate Concepts / Basic Linear Assumptions of Classical Linear Regression / Determination of Parameter Estimates with Least Squares and Most Similarity Methods / Multiple Regression Analysis (Estimation and Inference Problem) / Matrix of Linear Regression Model Approach / Parameters Hypothesis Tests and Determination of Confidence Limits / Covariance and Correlation Coefficient / Various Correlation

Measures / Main Limitation Correlation Coefficients for Confidence Limits / Deviations from Basic Assumptions and Results / Expected Value of Error Rates Not Zero / Autocorrelation, Variable Variance, Normality Assumption and Multiple Linear Connection Concepts and Methods of Correction and Detection of These Conditions.

Financial Markets and Institutions

Financial system in general, money, interest rate, financial markets, financial institutions, management of financial institutions and economic analysis of financial structure.

ELECTIVE COURSES

Asset Liability Management in Banking

The dimensions of management in banks and financial management-Asset-liability management in banks-Budget, strategic planning and financial dimensions of banks-Characteristics of financial statements of banks-Risk and gain functions of off-balance sheet transactions and derivative transactions in banks-Financial risks in banking-Credit risk-Market risk (price, interest, currency, liquidity)

Monetary Theory

Classical, Keynesian and Monetarist Theory of Money Supply and Demand; Structure and functions of CBRT; Determination of interest rates; monetary approach to monetary transmission mechanisms and balance of payments.

International Economics I

International Economics is a discipline that examines all aspects of economic relations between countries. The scope of international economic events; foreign trade transactions, policies of production factors, the effects of external economic relations on development, international economic mergers and world monetary system.

Foreign Trade Operations and Financing

Concept of Exports and General Properties of Exports, Types of Exports, Institutions and Organizations Related to Foreign Trade, Documents Used in Export Processes, Documents Used in Export Processes, Import Concept, General Features

Investment Project Analysis

Project types, development of investment project, economic and financial evaluation of the project, project development period, investment financing and financing sources, credit types and credit valuation principles, evaluation of the project, preparation of investment incentive projects and methods of getting incentive

Business English I

English grammar, vocabulary, reading comprehension, oral expression and writing skills, which will be the basis for the English they may need when they are introduced to the profession.

Public finance

Definition and characteristics of financial events. The subject of finance science, its definition and its relation with other disciplines. Relationship between public sector and private sector. Objectives and tools in the public sector. Organization of public sector. Definition and functions of budget. Budget principles and examples of deviations from these principles. Budget process. Definition and classification of public expenditures. Types of public income. Tax theory: Basic concepts in taxation, types of taxes, principles of taxation, tax burden and response to taxation. Government borrowing and economic effects.

Analysis of Financial Statements

Presentation of General Information on Financial Statements, Basic Financial Statements: Definition, purpose, principles and principles of balance sheet, preparation process of the balance sheet, presentation of additional financial statements, analysis of financial analysis techniques and application of these techniques to basic financial statements. analysis and analysis

Marketing Strategies

Strategic Marketing Planning, Business, Sector, Competition, Customer Analysis, Types of Marketing Strategy, Implementation of Marketing Strategies, Strategic Control

Social Security Systems

General information about social security system, conceptual foundations of social security system; historical development of social security systems, problems, financing, analysis and private pension system.

Basic Insurance

Insurance concept Insurance's historical development in Turkey and World, the importance of the Insurance Law of large numbers of insurance functions, insurance benefits, basic principles of insurance, the differences between social insurance and private insurance.

CLASS 3 - VI. SEMESTER

Credit Policy and Management

Credit process, definition of credit, types of collaterals, problem loans, credit policies, procedures and laws.

Econometrics II

Heteroskedasticity, autocorrelated errors, time series analysis, simultaneous equation models, system estimation methods.

ELECTIVE COURSES

Tax Law

In this course, constitutional principles related to tax assignment are examined in five sections. These sections are the tax procedural law, tax criminal law, tax disputes, tax enforcement law and the main lines of the Turkish tax system. In addition, the tax types in the Turkish tax system and the fees received outside the tax and municipal revenues are also covered.

Money Politics

Monetary Policy Management: Tools, Goals and Objectives, rules-bound Monetary Policy, Discretionary Monetary Policy and Time Inconsistency concept, monetary transmission mechanism, monetary policy of the Theoretical Approaches Nowadays Central Bank, Central Bank Independence, Transparency and Accountability, Inflation Targeting and the case of Turkey, Exchange Rate, Monetary Size, Interest Rate, Nominal GDP Targeting Regimes, Balance of Payments Keynesian and Monetarist Analysis.

International Economics II

Foreign trade policy objectives and tools, types of integration, tasks of global organizations, exchange rate systems, balance of payments balance policies, exchange rate-interest-inflation relationship

Real Estate Finance

The program focuses on educating people who will work in real estate valuation and financing. Today, changes in real estate valuation require that the people who will do this job in the future should be equipped in this regard. For this reason, in the Real Estate Valuation and Finance Undergraduate program, students are informed about the basic information that they will need when they start working on real estate appraisal and financing. During the fall and spring semesters, students are given courses focused on real estate valuation and financing.

Behavioral Finance

An Overview of Behavioral Finance, Effective Markets Hypothesis, Expected Utility Model, Limit-Arbitrage in Theory, Marketable Balloons, Market Anomalies, Asset Pricing Models, Investor Psychology and Behavior, Excessive Trust and Optimism Hypothesis, Expectations Theory, Mental Accounting, Kahneman & Tversky, Shleifer & Fama, Financial Crisis and Behavioral Finance

Securities and Other Capital Market Instruments

During the course, current developments and legislation will be discussed and explanations will be made by using case studies.

Banking Law

At the beginning of the Bank Law course, the establishment of banks, the conditions to open and the opening of branches will be examined. In the following sections, the structure and organs of banks

will be discussed. In this context, the general assembly, board of directors, credit committee, general manager and assistants, auditors and bank inspectors will be informed about the bank. As for the Bank's transactions, deposits, credit transactions and prohibited transactions will be explained. In this section, classification of deposits, withdrawal of deposits, prescription and savings deposit insurance will be discussed. Then, the accounts of banks, balance sheet and profit-loss statements, the storage of documents will be discussed. The bank will be completed with the control, merger and acquisition of banks and the discontinuation of activities.

Execution and Bankruptcy Law

The possibilities of the creditor and the debtor in the Turkish Execution and Bankruptcy Law, the execution of illicit and illicit proceedings, the restructuring of companies with bankruptcy follow-up institutions and the postponement of bankruptcy.

Business English II

English grammar, vocabulary, reading comprehension, oral expression and writing skills, which will be the basis for the English they may need when they are introduced to the profession.

Corporate Governance

The concept of corporate governance, corporate governance with its legal, managerial and financial dimensions, corporate governance approaches; shareholders and stakeholder approach, functions of corporate governance, corporate governance mechanisms; Formation and authorization of the Board of Directors, Planning of the Board of Directors, Organization, Management, Role of the Chairman of the Board of Directors, Responsibilities, Powers, Shareholders, Relations with Financial Institutions and the Media, Single, Bilateral and Pluralist corporate governance, Evaluation of the performance of the Company and the Board of Directors, measuring the level of corporate governance, corporate governance in Turkey; Examples of corporate governance in public and private sectors.

Private Pension Systems

Identification of Individual Pension Systems (PPS) and Social Security System (SSI).

CLASS 4 - VII. SEMESTER II. Internship

It includes a full 20-day internship under supervision of a consultant / expert in a bank, brokerage house and the finance department of the enterprise.

Financial Markets Analysis

Investment environment and players of the market, Money market, Capital market, Functions of financial institutions and Securities exchanges, Stocks and types, Bonds and types, Equity valuation, Bond valuation, Basic analysis, Technical analysis.

Risk Management I

Statistics and econometric techniques in risk management, definition and classification of risk, measurement of risk, decision making under uncertainty, evaluation of risky investment projects, management of benefit units, management of risk, derivatives, types of risks

ELECTIVE COURSES

Banking and Finance Applications I

To increase students' lecture, presentation and project qualifications.

Development and Investment Banking

Development and investment bank concepts, functions and functioning are discussed. Development and investment banking are referred to the development of the world and Turkey.

Evaluation of Credit Claims

General credit analysis, making financial statements fit for analysis, Techniques used in credit analysis, Evaluation of short-term loan demands, Evaluation of medium and long-term loan demands, Credits showing in evaluation, Arrangement and evaluation of credit analysis reports, Denial of credit claims by banks, Problem with firms Indicators, Problem solving, Case studies.

Turkish economy

The basic economic characteristics of Turkey, its historical development, industry structure, debt, external economic relations, the EU process with kits and customizing applications.

International Finance and Banking

International finance and international markets, Exchange rates and exchange rate systems, Exchange rate risk, International monetary systems, Balance of payments and its operation, Basic parity conditions, International banking and financial markets

Basic Analysis

In this course, it is aimed to give the students the theoretical and practical information about the basic analysis in detail. In this context; introduction to basic analysis, macroeconomic analysis, sector analysis, business analysis, financial statement analysis and stock valuation models will be presented.

English for Financiers I

English grammar, vocabulary, reading comprehension, oral expression and writing skills, which will be the basis for the English they may need when they are introduced to the profession.

Turkish Tax System

Concept of income in personal income tax and GV types, Characteristics of taxable income, Types of liability and liability, Income components and determination of income.

Business law

To improve the analytical thinking and to solve the practical examples of individual and collective labor law.

Social Responsibility and Ethics

Social Responsibility Concepts, Development of Social Responsibility Process Social responsibility for accounting, Ethics concept and its elements, Ethics for Business, Ethics for accounting and other business functions are examined.

Marketing Research

Marketing Research Process, Data Collection Tools, Stochastic Analysis, Preparation of Marketing Research Report

management information systems

This course is designed for the balanced transfer of management and computer courses. Basic issues; business management, information management and information systems.

4. CLASS-VIII. SEMESTER

Portfolio management

Portfolio and portfolio management, Risk and expected return, Portfolio risk and return calculation, Portfolio diversification and effective portfolios, Index models and Capital Asset Pricing Model, Factor models and Arbitrage Pricing Theory, Portfolio management strategies, Effective Markets Hypothesis and Anomalies, Portfolio performance measurement , International portfolio investments, Behavioral finance.

Futures

Developing students' comment and analysis skills in this subject by making them aware of futures markets, futures contracts, pricing models, hedging strategies, futures and options exchange.

ELECTIVE COURSES

Banking and Finance Applications II

Increasing the students' lectures, presentations and project qualifications

Participation Banking

In this course, the traditional banking system will be focused on, and the cooperation between traditional and Islamic financial institutions will be examined before giving information about the basic activities of the participation banks. In addition, Islamic financial markets, scope and tools,

venture capital concepts, investment funds, securitization and Sukuk in accordance with Islamic principles will be covered.

Internal Audit in Banking

Auditing, inspection and control concepts in banking, auditing standards audit process, control tests, material accuracy tests, evidence collection and revision methods.

Exchange System and Legislation

This course; Decision No. 32 and the Law No. 1567 on the Protection of the Value of Turkish Currency, basic foreign exchange concepts, forms of payment in foreign exchange legislation, collection and collection of export and foreign exchange, and finalization of foreign exchange files.

World and EU Economy

To have information about the problems of world and EU economy, to comprehend macroeconomic trends and changes in world and EU economy, To recognize international economic organizations, to develop European integration, to EU's economic institutions, EU's agricultural policy, EU's industrial policy, EU ' in the service sector, the EU's foreign trade policy, the European monetary system, the currency bank and capital markets in the EU.

Current Financial Issues

Concepts of speculation and manipulation, Propagation of property and the role of ISE in the protection of investors, The effects of financial crises on real and financial sector, Operation of private pension system, Influence of information and communication technologies on financial markets, Asymmetric information problem and insider trading, Credit derivatives, Hedging , Mortgage system and its functioning, Basel-2 capital reconciliation and its effects, Futures, Relations with international financial markets, Business combinations and its effects, Integrated risk management in the banking system.

Technical analysis

In this course, it is aimed to provide the students with detailed information about technical analysis and to implement them in a practical way. This information; In general, market analysis (stock markets, bond market, commodity market and futures markets) and the analysis of the selected market (or a single stock or commodity) in the light of these analyzes are studies for the purchase / sale decisions.

English for Financialists II

English grammar, vocabulary, reading comprehension, oral expression and writing skills, which will be the basis for the English they may need when they are introduced to the profession.

Financial Modeling and Forecasting

Course content, Excel applications, pro-form balance sheet and income statement. Leasing and purchasing decisions consist of firm valuation, bond investments, investment decisions, sensitivity analysis, portfolio creation, option pricing models, simulation, risk management and value-at-risk calculations.

Capital Market Law

Trade Companies, Collective and Limited Companies, Limited and Joint Stock Companies and Holdings, Introduction to Capital Market Law, Publicly Traded Joint Stock Companies, Public Offering, Capital Market Instruments, Characteristics of Publicly Traded Companies (1), Characteristics of Joint Stock Companies (2) (3), Securities, Options and Futures Contracts, Intermediation and Portfolio Management Activities, Capital Market Institutions (1), Capital Market Institutions (2), Public Interest Offer, Insider Trading, Istanbul Securities Exchange.

Applied Entrepreneurship

Business Idea Development and Creativity Exercises, Business Plan Concept and Elements (Market Research, Marketing Plan, Production Plan, Management Plan, Financial Plan), Writing the Business Plan and Presentations, Workshop, Support Modules for the Training Program (E-Commerce, Logistics, Foreign Trade etc. Classroom Training Or Workshops

Customer relations management

In this course, CRM Models, Customer Value, CRM project management, Relationship Management Theories are studied.

Marketing Communication

The course aims to provide students with detailed information about basic communication topics such as personal sales, sales promotion, advertising, brand, public relations, direct marketing, international communication, etc. Topics will be covered.

Risk Management II

Risk, risk assessment, risk management process, risk management in insurance, Risk management needs and financial scandals, Basic Statistics and Econometrics Techniques in Risk Management, Solvency I-Solvency II, Value at Risk, Backtesting, Stress Test and Scenario Analysis, Credit Risk and Credit Risk Measurement Techniques, Operational Risk and Operational Risk Measurement Techniques, Forward-Futures Contracts and Risk Management, Risk Management with Options, Integrated Risk Management