



College of Business

Finance Department

Study Plan of the Bachelor's Degree
In: Finance and financial technology
Academic Year: 2025-2026

Study Plan Credit hours(132)

Type of Program: **Blended**

Major Type:

Humanities

Scientific/Technical

Science Medical

Teaching Type	Percentage of study plan hours/number	Actual Ratio
Complete Online E-Learning	20% - 10% Maximum	%20
Blended learning (for scientific majors)	50% - 30% Maximum	%53
Face-to-face learning (for scientific majors)	30% Minimum	%27

Note: The learning types of the courses are disseminated at all academic levels in the program



Department Vision

Academic and research excellence in the field of finance and enhancing competitiveness in the labor market at the local and regional levels.

Department Mission

Preparing scientifically qualified staff supported by knowledge, financial skills and professional ethics to work in all financial fields, to meet the needs of the local and regional community, in accordance with local and international quality criteria

Program Mission

Providing distinguished academic programs in finance and banking that are supported by knowledge, skills and professional ethics through qualified staff capable of keeping pace with local and international standards in accordance with the e-learning inclusion criteria.

Educational Program Objectives

1. Preparing well-qualified and skillful cadres able to interact successfully and professionally with the financial markets at the local and global levels.
2. Increasing the cognitive skills, thinking and creativity of students in the field of financial and banking sciences.
3. Keeping pace with the requirements of the labor market by linking the theoretical side with the practical reality.
4. Encouraging scientific research in the field of finance and banking.
5. Developing study programs and plans in line with the challenges of the local and global financial markets.
6. Preparing teaching staff capable of keeping pace with technological development in the field of education.

Educational Program Outcomes

1. Identifying the basic areas of finance, which include financial management, investment, financial analysis and risk management.
2. Clarifying knowledge and skills related to the financial and banking sciences.
3. Developing communication channels in line with the requirements of the working environment at local and international financial fields.
4. Analyzing the financial statements using quantitative methods.
5. Employing financial knowledge and skills in financial and banking fields.
6. Preparing economic feasibility studies for projects.



Plan Contents

The study plan for a bachelor's degree consists of a major in **Finance and financial technology** Of (132) credit hours disseminated as follows:

\	Classification	Credit Hours	Percent %
1st	University Requirements	27	20.4
2nd	College Requirements	18	13.6
3rd	Program Requirements	84	64%
4th	Free subject	3	2%
Total			100%

Coding System Approved by the University

2	2 2	1,2 3,4	Semester year	
College Code	Major Code	Knowledge domain	Course Level	Sequence

Knowledge Domain

Domain Code	Knowledge Domain	Credited Hours of Study Plan
1	Financial management and financial analysis	27
2	Financial Markets and institutions	21
3	Financial Information Systems and Applications	9
4	Risk management and investment	30
5	Fintech	12

**First: University Requirements: (27) Credit Hours****A. Compulsory Requirements: (18)Credit Hours**

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
x			50511104	Communication Skills (Arabic Language (1)	3	50511111
x			50511105	Communication Skills (English Language (1)	3	50511112
x			50511205	Life Skills and Social Responsibility	3	----
x			50511206	National Education	3	----
x			50511305	Entrepreneurship and Innovation	3	----
x			50511308	Military Sciences	3	----
x			50541209	Volunteering and Community Development	0	----
Total					18	

B. Elective Requirements: (9)Credit Hours from the following list:

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
x			50521106	Communication Skills (Arabic Language (2)	3	50511104
x			50521107	Communication Skills (English Language (2)	3	50511105
x			50521203	Principles of Psychology	3	----
x			50521204	Human Rights	3	----
x			50531101	Islamic Culture	3	----
x			50531205	Quds and Hashemite Custodianship	3	----
x			50541103	Computer Skills	3	50511113
x			50541204	Development and Environment	3	----
x			50541206	Health and Community	3	----
x			50541208	Introduction to Sustainable Development	3	----



Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
x			50541211	Introduction to Artificial Intelligence	3	----
x			50541308	Foreign Language	3	----
x			50541309	Digital Culture	3	5051113
Total					9	

Second: College Requirements: (18) Credit Hours

A. Compulsory Requirements: (18) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
	x		2011101	Principles of business administration	3	----
		x	2021101	Principles of accounting (I)	3	----
		x	2221101	Principles of financial management (I)	3	----
	x		2091111	Principles of Digital Marketing	3	----
	x		20541101	Basics of Management Information Systems	3	----
	x		20851101	Basics of Human Resources Management	3	----
Total					18	

Third: Program Requirements (84) Credit Hours

A. Compulsory Requirements: (63) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	x		22212202	Financial Management in Joint Stock Companies	3	3	---	2221101
		x	22213103	Financial Analysis/E	3	2	1	22242204
	x		22213204	International Financial Management	3	3	---	22212202



Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-	Blended	Face-to-						
	x		22222102	Banking Management	3	3	---	22211101
	x		22214208	Special Topics in Finance	3	3	--	22212202
		x	22232201	Financial and Electronic Banking Services	3	2	1	22222102
		x	22242101	Financial Markets and Trading Mechanisms	3	2	1	22211101
	x		22242102	Principles of Insurance	3	3	----	22211101
		x	22242204	Investment Management	3	2	1	22242101
		x	22243105	Portfolio Management	3	2	1	22242204
	x		22243206	Behavioral Financial studies	3	3	---	22242204
	x		22244107	Economic Feasibility Study and project Evaluation	3	3	----	22212202
	x		22244108	Financial Risk Management	3	3	---	22242204
	x		22244109	Derivatives and Financial Engineering	3	3	---	22242204
	x		22252101	Fintech Basics	3	3	---	22211101
		x	22252202	Applications of Data Science in Finance	3	2	1	22252101
	x		22254202	Financial Technical Legislation	3	3	---	22222102
		x	22254203	Artificial Intelligence in Finance	3	2	1	22252101
		x	20513205	Cybersecurity in Business	3	2	1	20541101
	x		20522101	Technological Change Management	3	3	---	20541101
		x	22224107	Field Training	3	---	3	Pass 90 hours
			Total		63	52	11	

* Credit Hours



B. Elective Requirements: (6) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requirement
Online E-Learning	Blended	Face-to-Face						
	x		22213205	Financial Entrepreneurship	3	3	---	22212202
	x		22222103	Financial Institutions	3	3	---	22211101
	x		22214106	financing Small and Medium-sized Enterprises	3	3	---	22212202
		x	22214107	Computer Applications in Finance/E	3	---	3	22212202
		x	22214209	Graduation Project	3		3	Pass 90 hours
	x		22222204	Islamic Banks	3	3	---	22222102
	x		22222205	Banking Credit Management	3	3	---	22222102
	x		22222206	Money and Banking	3	3	---	22222102
		x	22242103	Financial Mathematics /E	3	3	---	22211101
		x	20211201	Principles of Accounting (2)	3	3	---	20211101
		x	20221301	Managerial Accounting	3	3	---	20211201
		x	20212102	Intermediate accounting (1)	3	3	---	20211201
Total					6			

C. Ancillary Courses (15) Credit Hours:

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requirement
Online E-Learning	Blended	Face-to-Face						
	x		20553102	Electronic business / E	3	3	---	20541101
	x		20132107	Scientific Research Methods	3	3	---	---



Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						
	X		50551106	Business Mathematics	3	3	----	----
	X		20121211	Principles of Economic Sciences	3	3		
	X		50531108	Principles of Business Statistics	3	3	----	----
			Total		15	15		

C. Free course: (3) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours*	Theoretical	Practical	Pre-Requisite
Online E-Learning	Blended	Face-to-Face						

D. Remedial course: (0) Credit Hours

Teaching type			Course Number	Course Title	Credited Hours	Pre-Requisite
Online E-Learning	Blended	Face-to-Face				
X			50511111	Remedial Course in Arabic	3	----
X			50511112	Remedial Course in English	3	----
X			50511113	Remedial Course in Computer Science	3	----
			Total		0	



Guidance plan

First Year

First Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
-	Mandatory university requirement	Online E-Learning	3	---	
-	Mandatory university requirement	Online E-Learning	3	---	
2011101	Principles of business administration	Blended	3	---	
2031102	Principles of financial management (I)	Face-to-face	3	---	
50551106	Business Mathematics	Blended	3	---	
	Principles of accounting (I)	Face-to-face	3	---	
Total			18		

Second Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
50531108	Principles of Business Statistics	Blended	3	---	
20541101	Basics of Management Information Systems	Blended	3	---	
20321202	Principles of economic sciences	Blended	3	---	
20851101	Basics of Human Resources Management	Blended	3	---	
20911111	Principles of Digital Marketing	Blended	3	---	
-	Mandatory university requirement	Online E-Learning	3	---	
Total			18		

* Credit Hours



Second Year					
First Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
22222102	Bank management	Blended	3	Principles of financial management	
22252101	Fundamentals of Fintech	Blended	3	Principles of financial management	
22212202	Financial Management in Joint Stock Companies	Blended	3	Principles of financial management	
22242102	Principles of Insurance	Blended	3	Principles of financial management	
22242101	Financial markets and trading mechanisms	Face-to-face	3	Principles of financial management	
-	Compulsory University Requirement	Online	3		
Total			18		

Second Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
22252202	Applications of Data Science in Finance	Face-to-face	3	Fundamentals of Fintech	
22232201	Financial and Electronic Banking Services	Face-to-face	3	Banking management	
22242204	Investment management	Face-to-face	3	Financial markets and trading mechanisms	
225221012	Technological Change Management	Blended	3	Basics of Management Information Systems	
22214208	Special Topics in Finance	Blended	3	Banking management	
-	Mandatory university requirement	Online E-Learning	3		
Total			18		

* Credit Hours





Third Year

First Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20211201	Artificial Intelligence in Finance	Face-to-face	3	Fundamentals of Fintech	
	Electronic business / E	Blended	3	Basics of Management Information Systems	
20313107	Financial analysis/E	Face-to-face	3	Investment management	
20333103	portfolio management	Face-to-face	3	Investment management	
	Elective Specialization Requirement	Face-to-face	3		
Total			15		

Second Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
20513204	Cybersecurity in Business	Face-to-face		Fundamentals of Electronic Information Systems	
22243206	Behavioral finance	Blended	3	Investment management	
22213204	International financial management	Blended	3	Financial Management in Joint Stock Companies	
-	Elective university requirement	Online E-Learning	3		
-	Mandatory University requirement	Online E-Learning			
Total			15		

* Credit Hours



Fourth Year

First Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
22244108	Financial risk management	Blended	3	Investment management	
22244109	Derivatives and financial engineering	Blended	3	Investment management	
22244107	Economic feasibility study and project evaluation	Blended	3	Financial Management in Joint Stock Companies	
	Elective Specialization Requirement	Blended	3		
-	Elective university requirement	Online E-Learning	3		
Total			15		

Second Semester					
Course No.	Course Title	Type of Learning	Credited Hours*	Prerequisite	Co-requisite
22224107	Field Training	Face-to-face	3	Pass 90 c.h	
20132107	Scientific Research Methods	Blended	3		
22254202	Financial Technology Legislation	Blended	3	Bank management	
-	Elective university requirement	Online E-Learning	3		
-	Free Course	-----	3		
Total			15		

* Credit Hours

Courses Tree

Courses Tree

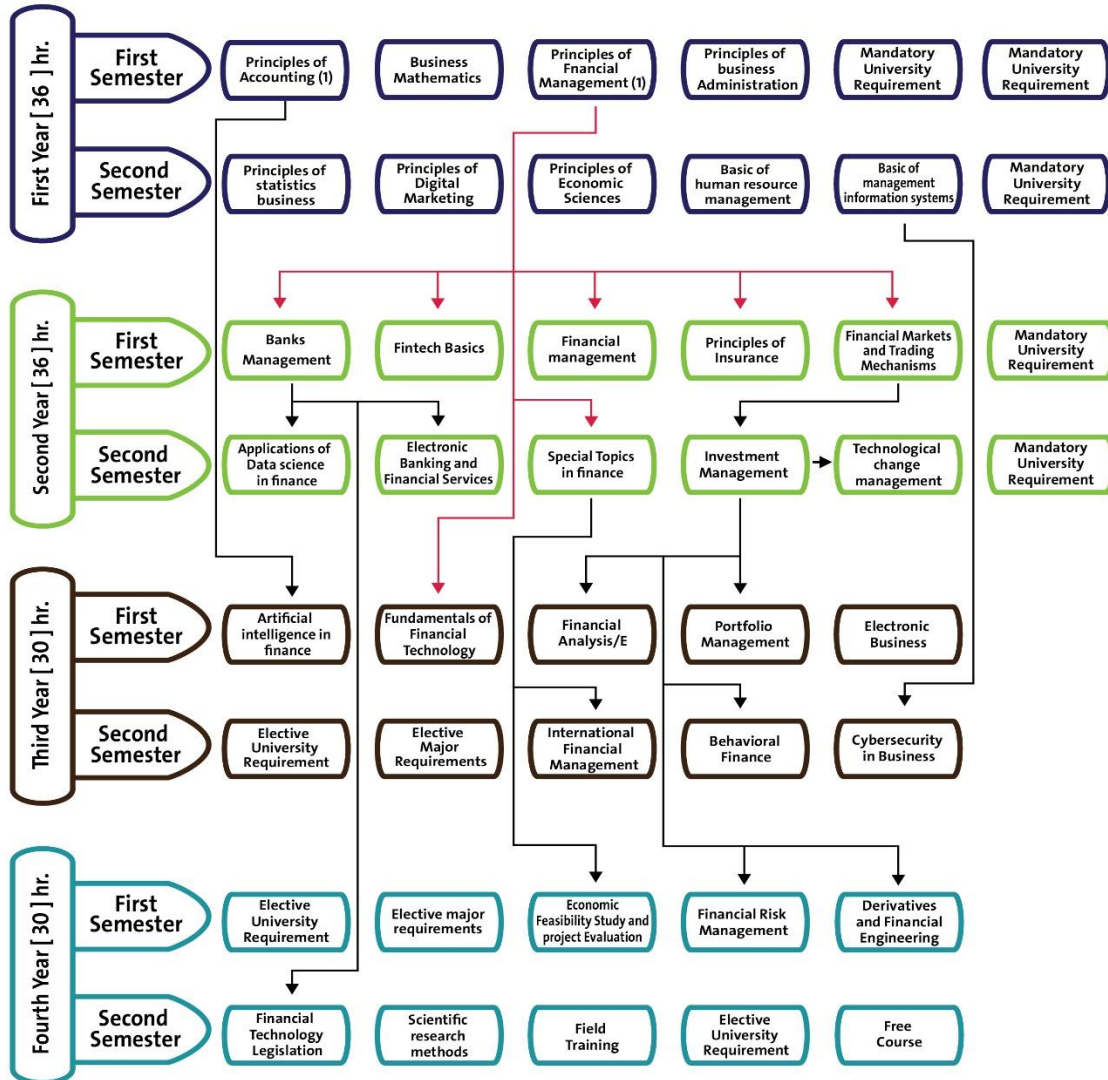
College: Business

Department: Finance

Major: Finance and Banking

Program: Bachelor

Issue Date: 2024/2025





Course Description

2011101 Principles of Business Administration (3 credits, Prerequisite: None, Learning type: Blended).

This course aims to provide students with a comprehensive understanding of the fundamental concepts of management and the various management schools of thought, enabling them to gain deeper insights into how organizations operate and are managed effectively. The course covers the primary functions of management and how they interact to achieve organizational goals. It also emphasizes the development of essential managerial skills, including creative problem-solving, efficient time management, and optimal utilization of available resources. Additionally, the course focuses on enhancing communication skills among different management levels within the organization and fostering successful interaction with external environmental elements.

2021101 Principles of Accounting (I) (3 credit hours, prerequisites: None) , Face-to-Face learning.

This course aims to introduce students to the science of accounting, the accounting system, its basic elements, double-entry bookkeeping, capital transactions, cash operations, merchandise operations, accounts receivable, and the preparation of a trial balance and financial statements.

2031102 Principles of Financial Management (I) (3 credits, Prerequisite: None, Learning Type: Face-to-face).

This course aims to familiarize students with the basic aspects of financial management concepts, the role of financial management in business enterprises, and the forms of business organizations. It equips students with skills related to calculating the time value of money, including the present and future value of a single amount, annuities, mixed payments, perpetuities, and effective interest rates. The course also covers the main financial statements (balance sheet, income statement, retained earnings, and cash flows) and involves critical analysis of the company's situation through financial analysis using financial ratios.

2091111 Principles of Digital Marketing (3 credits, Prerequisite: None, Learning Type: Blended).

This course includes introducing students to the principles, foundations and objectives of digital marketing and the factors affecting it, by presenting the basic digital elements that embody the concept of digital marketing, as it includes the integration of electronic infrastructure with marketing elements, which include electronic equipment, software, networks of all kinds, websites, and rules. Data, how these components contribute to the formation of the electronic market, and the changes brought about by this digital revolution in creating the digital marketing mix. The course includes explaining the digital product/service, digital promotion, digital pricing, digital delivery, and digital communications.

2054101 Basics of Management Information Systems (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course aims to introduce the fundamental concepts of Management Information Systems (MIS) and their applications in business organizations. It covers the classification, functions, components, and technical infrastructure of MIS, along with their impact on different managerial levels within an organization. The course also explores the significance of managing information systems and their influence on business organizations.



20851101 Basics of Human Resource Management (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course aims to provide students with a comprehensive understanding of the role of Human Resource Management (HRM) in organizations and its integration with organizational processes. Students will learn how to explain the various HRM functions and their significance in achieving organizational objectives. The course will cover methods for designing, classifying, and evaluating job descriptions, as well as effective human resource planning and the implementation of recruitment, selection, and hiring processes. Additionally, it will focus on performance management and evaluation methods, as well as the principles of determining compensation and benefits for human resources. Finally, students will acquire practical skills in attracting, developing, and retaining human resources, while enhancing job satisfaction through hands-on applications and case studies.

20312103 Principles of financial management (2) (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Type: Face-to-face)

This course equips students with the knowledge and skills required to manage working capital and net working capital, focusing on balancing profitability and risk. It addresses cash management, the cash conversion cycle, cash flow financing, cash conversion strategies, and cash budgeting. Topics include inventory management, its levels, and management techniques, managing accounts receivable, credit terms, and credit control, as well as managing receivables and payables, accelerating collections, and delaying payments. It also covers short-term liabilities management, planning, and financial forecasting to ensure financial sustainability.

20312204 Corporate Finance (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Type: Face-to-face)

This course introduces students to the concept of capital cost, the costs of different capital sources, overall capital cost, marginal capital cost, capital structure, and leverage. It explores the relationship between types of leverage and corporate risk, dividend policy skills, factors influencing dividend policy, and the impact of dividend policy on a company's market value. Additionally, the course includes critical analysis of corporate conditions, valuation prediction, and understanding mergers, acquisitions, motivations, and types of mergers.

20313106 Fundamentals of Financial Technology (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Type: Blended)

This course introduces students to the fundamentals of financial technology, including using technology to improve financial services such as digital banking, electronic payments, and crowdfunding. It also covers big data analytics applications and their use in financial analysis and strategic financial planning for companies.

20313107 Financial Analysis/ E (3) (3 Credit Hours, Prerequisite: Principles of Investment Management, Learning Type: Face-to-face)

This course aims to introduce students to the importance of financial analysis methods, tools, standards, and fields. It focuses on how to formulate good recommendations to address weaknesses identified by financial analysis. The course provides students with skills in financial analysis using financial ratios to assess the company's liquidity,



profitability, and financial needs. Additionally, it involves critical thinking analysis of the company's status, forecasting, and evaluating its value as a going concern, as well as predicting potential financial distress.

20313210 International Financial Management (3) (3 Credit Hours, Prerequisite: Corporate Finance, Learning Type: Blended)

This course enables students to understand the concept of international financial management and the nature of multinational corporations and their operations. It covers the historical development of the international monetary system, the balance of payments and its components, and the foreign exchange market. The course also provides knowledge and skills related to international banking operations, including foreign transfers, letters of credit, and guarantees. It aims to equip students with the ability to analyze and predict the financial needs of both local and international business environments and apply theoretical knowledge in practice to provide solutions.

20321202 Principles of Economic Sciences (3) (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course aims to provide students with a comprehensive understanding of the fundamental principles of microeconomics and macroeconomics. It covers microeconomic basics such as demand and supply theories, their elasticity, consumer behavior, utility theory, production, and costs, as well as different types of costs. It also delves into the analysis of various market structures, including perfect competition, monopoly, and oligopoly. The course covers macroeconomic fundamentals such as production potential, GDP, aggregate demand and supply, and concepts related to consumption, savings, investment, and economic equilibrium.

20322103 Bank Management (3) (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Type: Blended)

This course provides students with a comprehensive understanding of the challenges facing banking and the importance of monitoring bank performance. It covers the types of banks, including commercial, savings, and investment banks, and the role of central banks in the economy through monetary policy. It focuses on the role of commercial banks in money creation, types of deposits and loans. The course includes analyzing the bank's performance in terms of assets, liabilities, investments, equity, revenue and expenses, off-balance sheet activities, deposit fees, and loan fees, in addition to interest rate management. The course also emphasizes applying financial skills and knowledge in the financial and banking sectors.

20322104 Financial Institutions (3 Credit Hours: 3, Prerequisite: Principles of Financial Management (I), Learning Type: Blended)

This course aims to provide students with essential concepts and information related to the financial and banking system, starting from the importance of the financial system and the role of its institutions, and ending with international financial institutions. The course will cover the main financial institutions, including central banks, commercial banks, Islamic banks, specialized banks, the Industrial Development Bank, city and village development banks, insurance companies and institutions, social security institutions, investment funds, pension funds, and international financial institutions. Through this course, students are expected to be able to analyze the role of financial and international institutions in economic development and apply theoretical knowledge in practice by evaluating the role of financial institutions.

20322208 Islamic Banks (3 Credit Hours, Prerequisite: Bank Management, Learning Type: Blended)





This course aims to introduce students to the nature of Islamic banks, which operate based on the application of Islamic Sharia in the banking sector. The course emphasizes the importance of distinguishing between Islamic banks and their commercial counterparts. It covers topics related to the Islamic economic and banking system, its fundamental concepts, and Islamic financial instruments such as Mudarabah, Musharakah, Ijarah, Murabaha, and Istisna. The course also aims to equip students with skills to analyze the financial statements of Islamic banks, evaluate their sources of income and financing, and apply theoretical knowledge in practice by assessing the role of Islamic banks in economic development.

20322209 Electronic Banking and Financial Services (3 Credit Hours, Prerequisite: Bank Management, Learning Type: Blended)

This course aims to familiarize students with electronic banking services that involve conducting banking transactions via computers and communication technologies instead of human interaction. These services include transferring funds through electronic procedures rather than cash, checks, or paper documents between financial and commercial institutions. These services rely on complex computer systems that communicate via phone lines to record financial transfers and control access to funds for clients and commercial entities through ATMs, credit cards, and other means.

20324210 Financial Technology Legislation (3 Credit Hours, Prerequisite: Bank Management, Learning Type: Blended)

This course aims to introduce students to the legislation and regulations related to financial technology at both local and international levels. The course addresses the impact of laws and regulations on the security of electronic transactions, in addition to various legal issues in the field of financial technology, helping students understand the legal environment surrounding this field.

20332101 Financial Markets and Trading Mechanisms (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Type: Face-to-face)

This course aims to enable students to understand the nature of financial markets, including the money market and the capital market, as well as to recognize the different investment instruments traded in these markets and their characteristics. The course also seeks to equip students with skills related to electronic trading mechanisms and clarify the components of investment decision-making in trading, allowing them to make well-informed investment decisions based on technical financial analysis.

20332202 Investment Management (3 Credit Hours, Prerequisite: Financial Markets and Trading Mechanisms, Learning Mode: Face-to-face)

This course aims to provide a comprehensive introduction to investment, explaining the difference between real assets and financial assets, as well as investment objectives. It covers various investment tools, explains the concept of risk and return, and the relationship between them. The course also aims to equip students with skills related to evaluating stocks and bonds, understanding bond types, and evaluating common and preferred stocks. It focuses on diversification and its impact on risk and return for various investments, as well as the concept of investment companies and their role in financial markets, and how to apply financial and investment knowledge in financial and banking work fields.

**20333103 Portfolio Management (3 Credit Hours, Prerequisite: Investment Management, Learning Mode: Blended)**

This course introduces students to the concept of investment, its importance, objectives, and types. It also aims to familiarize students with portfolio theory, capital market equilibrium, and portfolio performance evaluation. Students will learn how to set investment goals, build, manage, and evaluate investment portfolios, and develop the ability to measure and analyze portfolio risk and return. The course emphasizes applying theoretical knowledge in practice and evaluating investment portfolios.

20333204 Behavioral Finance (3 Credit Hours, Prerequisite: Investment Management, Learning Mode: Blended)

This course introduces students to psychological concepts that affect investors' financial behavior and decision-making. It aims to clarify topics related to applying behavioral finance approaches and biases in individual or corporate financial decisions. The course covers understanding and analyzing psychological behavior and its impact on financial decisions in various markets. It also aims to equip students with the ability to apply theoretical knowledge through effective concepts and mechanisms to enhance investors' financial decisions.

20334105 Feasibility Study and Project Evaluation (3 Credit Hours, Prerequisite: Corporate Finance, Learning Mode: Blended)

This course aims to familiarize students with the concept of investment, its importance, objectives, and types. It introduces the importance of feasibility studies and the different stages, covering economic, financial, and technical information required for evaluating investment projects. The course enables students to analyze the various stages of feasibility studies, assess investment alternatives, make economically viable investment decisions, and apply theoretical knowledge to provide suitable solutions for various investment projects.

20342101 Principles of Insurance (3 Credit Hours, Prerequisite: Principles of Financial Management (I), Learning Mode: Blended)

This course aims to introduce students to the concept of risk, its types, and contributing factors, as well as the concept, types, and benefits of insurance. It addresses the principles and conditions that underlie insurance practices. The course focuses on providing students with the necessary knowledge and skills for studying reinsurance and its methods. It also aims to enable students to forecast and analyze the needs of insurance companies and develop different types of insurance and their applications.

20344104 Financial Risk Management (3) (3 Credit hours, Prerequisite: Investment Management. Learning Type: Face-to-face)

This course aims to introduce students to the main functions of financial risk management and its role in corporate management systems. It provides students with tools and methods to assess financial risks and mitigate them. The course also seeks to equip students with skills related to analyzing and calculating the cost of interest rate, market, and operational risks, and the ability to apply theoretical knowledge in practical situations to offer solutions appropriate for different types of financial risks.



20344105 Derivatives and Financial Engineering (3) (3 Credit hours, Prerequisite: Investment Management. Learning Type: Face-to-face)

This course introduces students to the fundamental concepts of financial derivatives such as options, forward contracts, and future contracts, including their pricing methods and the skills needed for evaluation. It also aims to teach strategies for dealing with various financial derivatives and the ability to apply theoretical knowledge in practice through investing in financial derivatives.

20324211 Field Training (3 Credit hours, Prerequisite: Completion of 90 Credit hours. Learning Type: Face-to-face)

This course aims to familiarize students with the institution, its departments, and the nature of each department's activities in general. The focus is on the financial systems applied within the institution, principles of financial analysis, tracking financial processes, and training on all financial transactions related to investment and asset management in the institution. It also aims to equip students with the necessary skills for working in banking and non-banking institutions, such as banks, insurance companies, investment and finance firms, brokerage firms, currency exchanges, and financial and tax investments, through hands-on training at an institution, whether public or private, for a minimum of 90 hours of practical training.

20314213 Graduation Project (3 Credit hours, Prerequisite: Completion of 90 credit hours, Learning Type: Face-to-face)

This course aims to connect theoretical knowledge with practical application by having students conduct an applied research project as a graduation requirement. In this research, students study and analyze a specific problem or phenomenon in the financial and banking field using scientific methods, research methodologies, and techniques under the supervision of a faculty member from the department.

20342202 Financial Mathematics / E (3 Credit hours, Prerequisite: Principles of Financial Management (I). Learning Type: Face-to-face)

This course aims to introduce students to the essential concepts and information about calculating simple and compound interest, understanding the time value of money, and enabling students to analyze investment proposal evaluation methods and their acceptance and rejection criteria.

20312305 Entrepreneurial Finance (3 Credits, Prerequisite: Corporate Finance, Learning type: Blended)

This course aims to introduce students to the entrepreneurial financial knowledge and concepts applicable to a wide range of organizations, from software and small projects to large international conglomerates. The financial needs of these organizations vary significantly, where the needs of large entities align with the classical model of financing, assuming perfect capital markets and low transaction costs. The course seeks to equip students with specific skills related to investment and financing decisions.

20314111 Financing Small and Medium Enterprises (3 Credits, Prerequisite: Corporate Finance, Learning type: Blended)

This course aims to introduce students to the basic principles of financing small and medium enterprises (SMEs) and to familiarize them with the decisions related to selecting financing methods and sources for projects. It also seeks to enable students to acquire analytical skills to choose and differentiate between the available alternatives for SMEs and to recognize the problems and obstacles they face in reality, providing solutions.

**20313208 Computer Applications in Finance (3 Credits, Prerequisite: Corporate Finance, Learning type: Face-to-face)**

This course aims to familiarize students with the importance of using computers in finance and banking, improve their skills in applying computer programs to financial analysis, evaluate investment projects, schedule loans, and calculate the time value of money. The course enables students to apply theoretical knowledge through practical use of software, offering appropriate solutions.

20313209 Financial Information Systems (3 Credits, Prerequisite: Principles of Financial Management (I), Learning type: Blended)

This course aims to introduce students to the concepts of financial systems for banks, currency exchange companies, and financial firms, including the software used in banking that ensures speed and accuracy in banking operations. It covers the tools and equipment used in banking to create an efficient financial work environment with speed, accuracy, reduced effort, and quality improvement. It also aims to equip students with the skills to use specialized software related to banking operations and financial markets.

20314212 Special Topics in Finance (3 Credits, Prerequisite: Financial Management in Corporations, Learning type: Blended)

This course introduces students to the latest developments and contemporary issues in the field of finance, offering a simplified understanding of various topics such as asset pricing, corporate financing, market efficiency, mergers and acquisitions, financial technology, and other emerging subjects.

20322205 Bank Credit Management (3 Credits, Prerequisite: Banking Management, Learning type: Blended)

This course aims to introduce students to the origin, nature, and significance of bank credit, its relationship with monetary and economic variables, the creation of bank credit, and the organization and supervision of bank credit. It covers types of bank credit and equips students with skills related to analyzing interest rates on commercial loans, along with analyzing the returns and risks associated with these loans. The course also focuses on personal loans and their evaluation methods.

20322206 Money and Banking (3 Credit Hours, Prerequisite: Principles of Economic Sciences- Learning Type: Blended)

This course aims to introduce students to the concept of money and banking, the development of monetary systems throughout history, and the policies followed by countries to achieve their monetary goals. The course also covers the origin of money, its functions, different types, and its importance in various economic systems. Students will learn about the concept of money supply and the process of credit creation, as well as gain skills in analyzing the relationship between money and the general price level, and critically analyzing the role of central banks in achieving monetary stability.

20513204 Information Security Systems (3 Credit Hours, Prerequisite: Fundamentals of Information Systems, Learning Type: Blended)



This course aims to introduce the fundamental concepts of system protection and information security, focusing on the nature and fundamentals of protection systems and recent developments in the field. It covers critical topics including the need for security in business and technology, system protection and security, access control in distributed systems, encryption application in information systems, network security, encryption protocols, privacy and compliance, and the analysis of commercial information systems to identify security threats and system deficiencies. The course also includes practical case studies.

20522101 Technological Change Management (3 Credit Hours, Prerequisite: Fundamentals of Information Systems, Learning Type: Blended)

This course provides students with a comprehensive understanding of technological change management, focusing on the concept and importance of organizational change, along with effective change management models and steps. Students will also learn about crisis management, gaining skills to adapt to changing work conditions and respond positively to organizational shifts. The course emphasizes the importance of managing crises professionally and working under pressure, while also developing the competencies needed for effective participation in change management, implementing crisis management plans, and responding swiftly to emergencies.

20221301 Managerial Accounting (3 Credit Hours, Prerequisite: Principles of Accounting (2) , Learning Type: Face-to-face)

This course focuses on the concepts and fundamentals of managerial accounting, including cost classification and management, the application of managerial accounting tools, preparing comprehensive budgets, and creating reports to assist decision-makers in business organizations.

20212102 Intermediate Accounting (1) (3 Credit Hours, Prerequisite: Principles of Accounting (2) , Learning Type: Face-to-face)

This course provides an understanding of the conceptual framework of financial accounting, general-purpose financial statements, accounts receivable, inventory valuation, property, plant, equipment, and depreciation according to international accounting standards.

20211201 Principles of Accounting (2) (3 credit hours, prerequisite: Principles of Accounting (1)), Face-to-Face learning.

The course aims to deepen students' understanding of fundamental accounting concepts and principles. It covers inventory, accounting adjustments, accounts receivable, notes receivable, financial investments in stocks and bonds, merchandise inventory, various accounting treatments for fixed assets, depreciation methods, and short-term notes payable. It also covers financial reporting adjustments per International Financial Reporting Standards (IFRS).

20553102 Electronic Business/E (3 Credit Hours, Prerequisite: Fundamentals of Management Information Systems, Learning Type: Blended)

This course aims to introduce the fundamental concepts of e-business management, its functions, objectives, models, and infrastructure. It explores e-business strategies and e-commerce, studying the role of e-business and e-commerce in transforming industry structures and their impact on business operations, including electronic transactions, supply chains, decision-making, and organizational performance.



20132107 Scientific Research Methods (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course focuses on studying the principles and foundations of the scientific method in research, beginning with an introduction to the concept of scientific research and an overview of research methodologies. It follows the steps of the scientific method, including problem identification, hypothesis formulation, the development of a theoretical framework, and reviewing previous studies. The course also explains how to design research and establish a methodology, in addition to exploring tools for data collection and sample selection. Furthermore, it covers the process of conducting statistical analysis of the collected data and deriving conclusions.

50551106 Business Mathematics (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course focuses on the basic tools of mathematics and learning how to use this knowledge and tools to understand, explain, and solve events and problems in the real world of economics and business. Topics in mathematics that will be covered in this course include: equations and functions of different degrees, algebra, matrices and linear programming, logarithms, differential and integral calculus.

50531108 Principles of business statistics (3 Credit Hours, Prerequisite: None, Learning Type: Blended)

This course covers data representation using tables and graphs, measures of central tendency and dispersion, counting methods, variance, binomial distribution, probability laws, random variables, sampling distributions, correlation, regression, and correlation coefficients.

(20513205), Cybersecurity in Business, (Credit Hours 3, T: 2, B: 1 and accomplished 2 practical hours), Prerequisite: Basics of Management Information Systems, Learning Type: Face-to-face.

This course focuses on understanding the fundamental principles of cybersecurity and their applications in the modern business environment. It aims to provide students with the knowledge and skills necessary to protect information and digital systems from cyber threats. It also focuses on the security challenges facing businesses. The course includes an introduction to cybersecurity and its basic concepts, types of cyber threats and common attacks, security policies and procedures in organizations, cyber risk management and vulnerability analysis, compliance with standards and regulations (such as GDPR, ISO 27001), network security and digital infrastructure, and the role of employees in promoting cybersecurity and a culture of security awareness.

(22254203), Artificial Intelligence in Finance, (Credit Hours 3, T: 2, B: 1 and accomplished 2 practical hours), Prerequisite: Fintech Basics, Learning Type: Face-to-face.

This course aims to equip students with both theoretical and practical knowledge regarding the applications of Artificial Intelligence (AI) in the financial and banking sector, focusing on how to utilize intelligent algorithms and machine learning techniques in financial data analysis, risk management, investment decision-making, and the development of digital financial services. It also familiarizes students with the use of intelligent tools in various areas of the financial and banking sector. Additionally, the course encourages students to develop critical and analytical thinking skills in handling data and solving managerial problems systematically.