

sbfi

Academic Programs Booklet

College of Business Administration

2025





College of Business Administration

List of Bachelor of Science Programs

1. Bachelor of Science in Accounting
2. **Bachelor of Science in Banking and Finance**
3. Bachelor of Science in Business Analytics
4. Bachelor of Science in Business Management
5. Bachelor of Science in Entrepreneurship
6. Bachelor of Science in International Business and Economics
7. Bachelor of Science in Islamic Banking and Finance
8. Bachelor of Science in Marketing

List of College Requirement Courses

Course Code	Course Title	Course Hours			Course Type	Pre requisite
		LEC	PRAC	CRD		
ACC112	Financial Accounting I	3	0	3	CR	-
ACC113	Financial Accounting II	3	0	3	CR	ACC112
ECON140	Microeconomics	3	0	3	CR	-
ECON141	Macroeconomics	3	0	3	CR	ECON140
FIN220	Financial Management I	3	0	3	CR	ACC113
FIN221	Financial Markets and Institutions	3	0	3	CR	ECON141 & FIN220
MGT230	Organization and Management	3	0	3	CR	-
MGT233	Organizational Behavior	3	0	3	CR	MGT230
MGT437	Business Ethics	3	0	3	CR	MGT233
MKT250	Marketing Management I	3	0	3	CR	MGT230
MKT255	Marketing Management II	3	0	3	CR	MKT250
QM250	Introduction to Statistics	3	0	3	CR	MATH104
QM350	Operations Research	3	0	3	CR	QM250
SBF270	Islamic Banking and Finance	3	0	3	CR	ACC112

Bachelor of Science in Banking and Finance

Program Components

Course Type	CRD
University Requirement (UR)	11
College Requirement (CR)	42
Major Support Requirements (MSR)	21
General Studies Compulsory (GSCC)	
Major Requirement (MR)	36
Major Elective (ME) ¹	15
General Studies Elective (GSE) ²	3
Training (Internship)	Yes
Total Credit (CRD)	128

¹ Major Elective as per list (A).

² A Student can register in Minor courses after completing 66 Credits, in addition to achieving a minimum [C] grade in the minor's fundamental course, as per list (B).

³ General Studies Electives

Any one course at 100, 200, 300, or 400 levels may be taken as a General-Studies Elective. This excludes courses offered by the College of Business Administration. The following courses are also excluded: Stat 105, ITBIS 105, ENGL 101, 102, 125, 126, 154, 155, 191, 192, 219 and 242.

NOTE: THE BLOCK SYSTEM WILL BE USED

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRA C	CRD			
HRLC107	Human Rights	2	0	2	UR	None	No
ENGL145	English for Business I	3	0	3	MSR	None	No
MATHS103	Mathematics for Business Management I	3	0	3	MSR	None	No
HIST122	Modern History of Bahrain and Citizenship	3	0	3	UR	None	No
ISLM101	Islamic Culture	3	0	3	UR	None	No

Year 1 - Semester 2

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ITIS204	Fundamentals of IT	3	2	3	MSR	None	No

ENGL146	English for Business II	3	0	3	MSR	ENGL145	No
MATHS104	Mathematics for Business Management II	3	0	3	MSR	MATHS103	No
LAW238	Commercial Law	3	0	3	MSR	None	No
ARAB110	Arabic Language Skills	3	0	3	UR	None	No

Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ACC112	Financial Accounting I	3	0	3	CR	None	No
ECON140	Microeconomics	3	0	3	CR	None	No
MGT230	Organization and Management	3	0	3	CR	None	Yes
QM250	Introduction to Statistics	3	0	3	CR	MATHS104	No
ENGL341	Report Writing for Business	3	0	3	MSR	ENGL146	No

Year 2 - Semester 4

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ACC113	Financial Accounting II	3	0	3	CR	ACC112	No
ECON141	Macroeconomics	3	0	3	CR	ECON140	No
MGT233	Organizational Behavior	3	0	3	CR	MGT230	No
MKT250	Marketing Management I	3	0	3	CR	MGT230	No
QM350	Operations Research	3	0	3	CR	QM250	No
SBF270	Islamic Banking and Finance	3	0	3	CR	ACC112	No

Year 3 - Semester 5

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN220	Financial Management I	3	0	3	CR	ACC113	No
BANK248	Money and Banking	3	0	3	MR	ECON 141	Yes
MGT437	Business Ethics	3	0	3	CR	MGT233	No
MKT255	Marketing Management II	3	0	3	CR	MKT250	No
GSEXXX	General Studies Elective	3	0	3	GSE	None	No

Year 3 – Semester 6

Course Code	Course Title	Course Hours		Pre	
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		LEC	PRAC	CRD	Course Type	requisite	Major GPA
FIN221	Financial Markets and Institutions	3	0	3	CR	ECON141 & FIN220	No
FIN 320	Financial Management II	3	0	3	MR	FIN 220	Yes
FIN 441	Financial Econometrics	3	0	3	MR	QM350	Yes
Single Track or Minor	Major Elective or Minor*	3	0	3	ME / Minor	66 credits	Yes
Single Track or Minor*	Major Elective or Minor*	3	0	3	ME / Minor	66 credits	Yes

*Major Elective as per list (A) / Minimum [C] grade in the minor's fundamental course, as per list (B).

Year4 – Semester 7

Course Code	Course Title	Course Hours			Course Type	Pre requisite		Major GPA
		LEC	PRAC	CRD				
BANK323	Commercial Banking	3	0	3	MR	FIN 221	Yes	
FIN 330	Sustainable Finance	3	0	3	MR	FIN 320	Yes	
FIN 435	Portfolio Management and International Investment	3	0	3	MR	FIN 320	Yes	
FIN 332	AI Applications in Finance	3	0	3	MR	FIN 221	Yes	
Single Track or Minor*	Major Elective or Minor	3	0	3	ME Minor	66 credits		Yes

*Major Elective as per list (A) / Minimum [C] grade in the minor's fundamental course, as per list (B).

Year4 – Semester 8

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA	
		LEC	PRAC	CRD				
FIN495	Applied Research in Banking and Finance	0	9	3	MR	107 credits & FIN 441	Yes	
FIN 436	Financial Derivatives	3	0	3	MR	FIN 435		Yes
FIN 480	Financial Modelling and Forecasting	3	0	3	MR	FIN 441		Yes

FIN 432	Financial Risk Management	3	0	3	MR	FIN 320		Yes
Single Track or Minor	Major Elective or Minor*	3	0	3	ME / Minor	66 credits	Yes	
Single Track or Minor	Major Elective or Minor*	3	0	3	ME / Minor	66 credits	Yes	

*Major Elective as per list (A) / Minimum [C] grade in the minor's fundamental course, as per list (B).

Training Requirement

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN 496	Industrial Training	0	6	3	MR	107 credits	No

Major Electives – List (A)

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
FIN329	Real Estate Finance	3	0	3	ME	FIN 320	Yes
FIN 426	International Financial Management	3	0	3	ME	FIN 221	Yes
MKT361	Marketing for Financial Services	3	0	3	ME	FIN 221	Yes
FIN451	Anti Money Laundering	3	0	3	ME	BANK 323	Yes
FIN460	Current Issues in Finance	3	0	3	ME	FIN 320	Yes
BANK462	Bank Regulations and Compliance	3	0	3	ME	BANK 323	Yes
QM475	Data Analytics for Business Decisions	3	0	3	ME	MGT233 & QM350	Yes
BANK 411	Islamic Financial Institutions	3	0	3	ME	SBF 270	Yes
FIN456	Financial Reporting and Analysis	3	0	3	ME	FIN220	Yes
FIN467	Behavioral Finance	3	0	3	ME	FIN320	Yes
FIN497	Extended Industrial Training	0	12	6	ME	Department Approval	Yes

List (B) Minor Fundamental Courses

Course Code	Course Title	Minimum Grade Required	Desired Minor
QM350	Operations Research	C	Minor in Business Analytics

MGT 230	Organization & Management	C	Minor in Entrepreneurship
FIN 220	Financial Management I	C	Minor in Finance
ACC 113	Financial Accounting II	C	Minor in Accounting
SBF 270	Islamic Banking and Finance	C	Minor in Islamic Finance

List (C) Minor Courses

Minor in Entrepreneurship							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ENTR301	Introduction to Entrepreneurship	3	0	3	Minor	MGT230	Yes
ENTR451	Leadership and Entrepreneurial Mindset	3	0	3	Minor	ENTR301	Yes
ENTR403	Entrepreneurial Strategies	3	0	3	Minor	ENTR301	Yes
ENTR404	Contemporary Issues in Entrepreneurship	3	0	3	Minor	ENTR301	Yes
ENTR450	Digital Entrepreneurship	3	0	3	Minor	MGT230	Yes

Minor in Business Analytics							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
QM320	Programming for Business Analytics	2	2	3	Minor	ITIS204	Yes
QM353	Business Statistics	3	0	3	Minor	QM350	Yes
QM354	Data Visualization	2	2	3	Minor	QM250	Yes
QM455	Data Mining	2	2	3	Minor	QM250 & QM320	Yes
QM456	Business Intelligence	2	2	3	Minor	QM455	Yes

Minor in Accounting							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ACC211	Intermediate Accounting I	3	0	3	Minor	ACC113	Yes
ACC221	Cost Accounting	3	0	3	Minor	ACC113	Yes
ACC335	Auditing and Assurance Services	3	0	3	Minor	ACC113	Yes
ACC330	Managerial Accounting and Decision Making	3	0	3	Minor	ACC221	Yes
ACC444	Accounting Information System	3	0	3	Minor	ACC211 and ACC221	Yes

Minor in International Business							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
MGT 439	International Business	3	0	3	Minor	MGT233	Yes
MKT 463	International Marketing	3	0	3	Minor	MKT 255	Yes
ECON460	Economic Practices in Business Strategy	3	0	3	Minor	ECON141	Yes
FIN426	International Financial Management	3	0	3	Minor	FIN221	Yes
ECON 440	International Economics	3	0	3	Minor	ECON 141	Yes

Minor in Economics							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ECON441	Econometrics	3	0	3	Minor	QM350 & ECON141	Yes
ECON340	Managerial Economics	3	0	3	Minor	QM250 & ECON141	Yes
ECON360	Digital Economy	3	0	3	Minor	QM250 & ECON141	Yes
ECON449	Economic Forecasting	3	0	3	Minor	QM350 & ECON141	Yes
ECON351	Environmental Economics & Sustainable Development	3	0	3	Minor	ECON141	Yes

Minor in Islamic Banking							
Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
SBF271	Islamic Law of Contracts	3	0	3	Minor	SBF270	Yes
SBF470	Islamic Accounting Standards	3	0	3	Minor	SBF 270	Yes
SBF273	Islamic Commercial Jurisprudence I	3	0	3	Minor	SBF 271	Yes
SBF370	Islamic Capital Markets	3	0	3	Minor	SBF 271	Yes
SBF472	Islamic Insurance and Risk Management	3	0	3	Minor	SBF 271	Yes

General Studies Elective Courses List

Course Code	Course Title	Course Hours			Course Type	Pre requisite
		LEC	PRAC	CRD		
FREN 141	French I	3	0	3	GSE	-----
CHL 101	Introduction to Chinese Language	3	0	3	GSE	-----
EDTC 100	Teaching and Learning Technology	3	0	3	GSE	-----
EDPS 144	Psychology of Learning and Memory	3	0	3	GSE	-----
ART 133	Fundamentals of Music and Its Appreciation	3	0	3	GSE	-----
ART 141	Drawing and Painting	2	1	3	GSE	-----
ART 221	Traditional Music of Bahrain and Its Application	3	0	3	GSE	-----
EDAR 126	Playing on Piano and Org	3	0	3	GSE	-----
JAPN 101	Japanese Level I	3	0	3	GSE	-----
GERM 101	Introduction to German	3	0	3	GSE	-----
KL 101	Korean Language I	3	0	3	GSE	-----
TL 101	Turkish Language	3	0	3	GSE	-----
ENGL 130	Introduction to Literature	3	0	3	GSE	-----
PSYC 103	Introduction to Psychology	3	0	3	GSE	-----
PSYC 120	Psychology of Marriage	3	0	3	GSE	-----
PSYC 211	Educational Psychology	3	0	3	GSE	-----

SOCIO 161	Introduction to Sociology	3	0	3	GSE	-----
SOCIO 181	Introduction to Anthropology	3	0	3	GSE	-----
SOCIO 191	Citizenship, Identity and Globalization	3	0	3	GSE	-----
SOCIO 224	Sociology of Health	3	0	3	GSE	-----
SOCIO 226	Sociology of Arabian Gulf	3	0	3	GSE	-----
HISTO 212	Contemporary History of The Arab World	3	0	3	GSE	-----
HISTO 281	Landmarks of Islamic Civilisation	3	0	3	GSE	-----
ARAB 141	Modern Arabic Lit.	3	0	3	GSE	-----
ARAB 242	Arabic Poetry In The Renaissance Period	3	0	3	GSE	-----
ISLM 114	Quranic Sciences	3	0	3	GSE	-----
ISLM 136	Biography of The Prophet	3	0	3	GSE	-----
ISLM 141	Introduction to Shari'A	3	0	3	GSE	-----
ISLM 252	Islamic Doctrine	3	0	3	GSE	-----
LAW 101	Introduction to Legal Studies	3	0	3	GSE	-----
LAW 102	History of Law	3	0	3	GSE	-----
LAW 106	Constitutional Law I	3	0	3	GSE	-----
PHYCS 181	Elementary Astronomy	2	3	3	GSE	-----
GSE XXX	Other electives	X	X	3	GSE	Department Approval

Courses Descriptions

University Requirement Courses Descriptions

Course Code: ARAB110

Course Title: Arabic Language Skills

This course focuses on basic Arabic skills including form, function, and meaning. It also helps the student to appreciate and understand structures and approach them from a critical point of view, through various genres in literature.

Course Code: HIST122

Course Title: Modern History of Bahrain and Citizenship

Spatial identity of Bahrain: Brief history of Bahrain until the 18th century; the historical roots of the formation of the national identity of Bahrain since the 18th century; the modern state and evolution of constitutional life in Bahrain; the Arabic and Islamic dimensions of the identity of Bahrain; the core values of Bahrain's society and citizenship rights

This course introduces students to econometric methods commonly used in financial analysis and empirical research. It covers fundamental econometric techniques applied in financial markets, risk modeling, and asset pricing. Students will learn how to estimate, test, and interpret financial models using real-world data.

Course Code: BANK323 **Course Title:** Commercial Banking

This course provides an in-depth understanding of the role of banks and financial institutions in the economy, along with the rationale behind government policies regulating the banking sector. Students will examine different banking models, analyze financial statements, and evaluate bank performance, including risk assessment. The course also covers key aspects of risk management, liquidity, and reserve management strategies for commercial banks. By integrating theoretical concepts with real-world applications, students will develop a comprehensive understanding of how banks operate, the rationale behind government policies, and the challenges faced by financial institutions

Course Code: FIN330 **Course Title:** Sustainable Finance

This course provides a comprehensive overview of sustainable finance, focusing on how financial markets and institutions can support the transition to a more sustainable economy. Key topics include the role of coalitions in advancing sustainable finance, the challenges of financing the sustainability transition, the importance of reliable ESG data, and strategies for long-term value creation through responsible investing. The course also covers green and social bonds, the evolving role of banks in financing sustainability, and the insurance industry's approach to climate risk and sustainable development.

Course Code: FIN435 **Course Title:** Portfolio Management and International Investment

This course provides a comprehensive introduction to the principles and practices of portfolio management, equipping students with the theoretical foundation and practical tools necessary to manage investments effectively. The course covers key topics such as asset allocation, security selection, portfolio construction, and performance evaluation, with an emphasis on both traditional and alternative assets. Students will be able to construct and manage optimal investment portfolios, apply asset pricing models, develop strategies for equity and fixed-income investments, and evaluate the performance of portfolios in real-world market conditions.

Course Code: FIN 332 **Course Title:** AI Applications in Finance

This course offers a comprehensive understanding of artificial intelligence (AI) applications in the banking and finance. It delves into how AI is transforming these industries and demonstrates how AI solutions can address practical financial issues. Key topics include applications in robotic process automation, loan and credit assessments, risk management, fraud detection, financial forecasting, algorithmic trading, and neural networks.

Course Code: FIN436 **Course Title:** Financial Derivatives

This course offers an advanced understanding of financial derivatives, focusing on their pricing, valuation, and strategic applications in financial markets. Topics include forwards and options, the binomial option pricing model, market-making, delta hedging, and the principles of financial engineering. Students will also explore advanced topics like real options, the log-normal distribution in asset pricing, and Monte Carlo simulation techniques for derivative valuation. Through a mix of theoretical concepts and practical applications, the course equips students with the skills needed to understand and manage financial derivatives in real-world markets.

Course Code: FIN480 **Course Title:** Financial Modelling and Forecasting

This course equips students with the essential skills to build and interpret financial models using statistical and econometric techniques. The focus is on applying forecasting models in financial decision-making. Topics include time-series analysis, risk modeling, Monte Carlo simulations, financial statement modeling, and valuation techniques. The course integrates industry-standard software such as Excel, Python, and R for practical implementation.

Course Code: FIN432 **Course Title:** Financial Risk Management

This course focuses on the core principles of risk management in financial institutions. It covers essential topics such as market risk analysis, portfolio credit risk, and counterparty credit risk, providing a comprehensive understanding of risk identification and mitigation strategies. Students will explore asset and liability management techniques, alongside fund transfer pricing and profitability analysis. The course also focuses on firm-wide risk aggregation, emphasizing the integration of risks across different business units. Through real-world case studies, students will develop advanced skills to evaluate, manage, and mitigate financial risks in today's complex market environment.

Course Code: FIN495 **Course Title:** Applied Research in Banking and Finance
The course aims to introduce students to the application of research skills in relevant industry in the form of a written project. Students will work under the supervision of the course instructor on one of the recent relevant industry issues and prepare a proposal for approval of the topic. The final written report should be submitted to the instructor and presented in the class at the end of the semester.

Course Code: FIN496 **Course Title:** Industrial Training
The course provides students with a hands-on, practical internship experience in relevant industry institutions over a two-month period. This course emphasizes the development of professional skills and workplace competencies. Students will participate in an Injaz session focused on crafting a professional CV, followed by an 8-week internship.

Major Elective Courses Descriptions

Course Code: FIN329 **Course Title:** Real Estate Finance
This course provides an in-depth understanding of real estate finance principles. Topics include property valuation, market value, investment decision-making, and financial risk analysis using single-year profitability ratios and multi-period discounted cash flow models. Students will explore basic legal concepts related to real estate, including estates, interests, encumbrances, and title assurance. The course also covers mortgage loan foundations, including time value of money, compound interest, and internal rates of return. Key areas of focus include fixed interest rate mortgage loans, adjustable and floating rate mortgage loans, and their associated risks. By the end of the course, students will have a solid foundation in real estate investment strategies, financial analysis, and the legal aspects of real estate transactions

Course Code: FIN426 **Course Title:** International Financial Management
This course covers the financial operations of global firms focusing on managing currency and political risks, measuring interest rates and purchasing power parities, estimating transactions, economic and translation exposures, and discussing potential issues for ESG reporting by multinational corporations.

Course Code: MKT361 **Course Title:** Marketing for Financial Services
Concepts of marketing of financial services; issues of marketing in the banking industry in local and in international contexts. Theoretical and practical information and guidelines to help students apply the concepts of marketing of financial services.

Course Code: FIN455 **Course Title:** Anti Money Laundering
This course provides an in-depth exploration of Anti-Money Laundering (AML) principles, regulations, and practices within the financial sector. Students will examine the processes and techniques used in money laundering, the global and national regulatory frameworks established to combat it, and the roles financial institutions play in prevention and compliance. The course emphasizes the development of practical skills necessary for implementing effective AML strategies, conducting risk assessments, and ensuring adherence to legal obligations.

Course Code: FIN460 **Course Title:** Current Issues in Finance
This course provides an in-depth exploration of Anti-Money Laundering (AML) principles, regulations, and practices within the financial sector. Students will examine the processes and techniques used in money laundering, the global and national regulatory frameworks established to combat it, and the roles financial institutions play in prevention and compliance. The course emphasizes the development of practical skills necessary for implementing effective AML strategies, conducting risk assessments, and ensuring adherence to legal obligations.

Course Code: BANK462 **Course Title:** Bank Regulations and Compliance
This course provides an in-depth study of the regulatory environment surrounding the banking industry. Students will learn about the laws and regulations governing financial institutions, the role of regulatory bodies, and the principles of compliance within banking operations. It covers key topics such as anti-money laundering (AML), know-your-

customer (KYC) regulations, risk management, and the role of central banks. Students will explore the importance of compliance in maintaining financial stability and transparency, with a focus on the regulatory frameworks in Bahrain and the GCC region (Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, and the UAE). The course prepares students to navigate the complex regulatory environment, ensuring they are equipped with the knowledge to pursue careers in banking, finance, and financial regulation.

Course Code: QM475 **Course Title:** Data Analytics for Business Decisions

This course equips students with the essential skills to build and interpret financial models using statistical and econometric techniques. The focus is on applying forecasting models in financial decision-making. Topics include time-series analysis, risk modeling, Monte Carlo simulations, financial statement modeling, and valuation techniques. The course integrates industry-standard software such as Excel, Python, and R for practical implementation.

Course Code: FIN497 **Course Title:** Extended Industrial Training

This course offers a six-month full-time industrial training, enabling students to apply theoretical knowledge and technical skills in a professional setting. They will navigate industry challenges, including ethical, regulatory, and sustainability considerations, while gaining exposure to professional standards and decision-making. The training concludes with a comprehensive report on their experience and assigned projects, showcasing their ability to integrate theory with practice.

Course Code: BANK411 **Course Title:** Islamic Financial Institutions

This course provides an in-depth understanding of Islamic financial institutions, their structure, operations, and regulatory frameworks. It covers the key principles of Shariah-compliant finance, the role of central banks, Islamic banking models, Takaful (Islamic insurance), and Islamic capital markets. The course emphasizes contemporary issues, including digital transformation in Islamic finance, risk management, and ethical considerations in financial transactions.

Course Code: FIN456 **Course Title:** Financial Reporting and Analysis

This course explores financial reporting and analysis, emphasizing financial statement interpretation, revenue recognition, cash flow analysis, and financial ratios. It covers IFRS, GAAP, and regulatory frameworks relevant to banking and finance. Students will assess profitability, solvency, and liquidity while examining corporate governance and ethics in financial reporting. Emerging trends such as digital transformation and ESG reporting are also discussed. Through case studies and financial modeling, students develop analytical skills for evaluating financial performance and decision-making.

Course Code: FIN467 **Course Title:** Behavioral Finance

This course explores the principles of Behavioral Finance, highlighting how psychological biases and cognitive limitations influence financial decision-making. It contrasts traditional finance theories with behavioral insights to explain market inefficiencies, investor sentiment, and asset mispricing. Key topics include overconfidence, prospect theory, agency conflicts, and the limits of arbitrage, with applications to corporate finance and investment strategies. The course also examines real-world financial crises, such as the 2008 financial crisis, through a behavioral finance lens. By integrating theory with practical case studies, students will develop critical thinking skills to assess and mitigate behavioral biases in financial markets.

Course Code: FIN497 **Course Title:** Extended Industrial Training

This course offers a six-month full-time industrial training, enabling students to apply theoretical knowledge and technical skills in a professional setting. They will navigate industry challenges, including ethical, regulatory, and sustainability considerations, while gaining exposure to professional standards and decision-making. The training concludes with a comprehensive report on their experience and assigned projects, showcasing their ability to integrate theory with practice.

Minors Courses Descriptions

Minor in Entrepreneurship

Course Code: ENTR301 **Course Title:** Introduction to Entrepreneurship

This course develops students' abilities to identify business opportunities, understanding the venture capital process and the "know-how" in building a successful startup team. This course focuses on the foundations of entrepreneurship by discussing the concepts of entrepreneurship; entrepreneurship ecosystem; role of entrepreneurs in the economy; challenges of entrepreneurs; and legal in an entrepreneurial environment

Course Code: ENTR451 **Course Title:** Leadership and Entrepreneurial Mindset

The course will explore essential leadership theories and their application in contemporary organizations. It covers topics such as transformational and ethical leadership, decision-making, team dynamics, and managing change in complex environments. Students will analyze case studies, engage in self-assessment activities, and develop practical skills for motivating teams, communicating effectively, and navigating leadership challenges in diverse workplaces. The course aims to equip students with adaptive strategies and a strong ethical foundation to lead confidently in today's evolving business landscape.

Course Code: ENTR403 **Course Title:** Entrepreneurial Strategies

This course discusses managerial issues in an enterprise environment. The course aims to develop students' abilities to recommend solution to a problem, necessary skills in implementing the solution within the organization, the skills in cultivating intrapreneurship among enterprising employees in the organization as well as the "know-how" to construct the elements of an entrepreneurial ecosystem

Course Code: ENTR404 **Course Title:** Introduction to Entrepreneurship

This course provides deep understanding of contemporary issues of entrepreneurship and new business creation. The course covers: Entrepreneurship Technology and Innovation where students look at emerging digital strategies for the design and delivery of products and services in the entrepreneurial domain; Social Entrepreneurship where students learn different concepts of social innovation, social entrepreneurship and social impact; Sustainable Entrepreneurship in the context of Bahrain; Negotiation for Entrepreneurs where students are exposed to various negotiation strategies in entrepreneurial context.

Course Code: ENTR450 **Course Title:** Contemporary Issues in Entrepreneurship

This course provides a comprehensive introduction to the dynamic field of digital entrepreneurship. Students will explore the unique opportunities and challenges presented by the digital economy, learning how to identify, develop, and launch successful online ventures. The course covers topics such as digital business strategy, platform business models, disruptive innovation, digital transformation, and the impact of emerging technologies on entrepreneurship.

Minor in Business Analytics

Course Code: QM320 **Course Title:** Programming for Business Analytics

This course serves as an introduction to algorithmics and programming for business analytics, providing students with foundational coding skills using Python. Designed for beginners, the course covers essential programming concepts such as variables, loops, conditions, functions, and data structures. Through hands-on exercises and real-world business applications, students will learn how to write efficient code, automate tasks, and process data.

Course Code: QM353 **Course Title:** Business Statistics

This course serves as an introduction to algorithmics and programming for business analytics, providing students with foundational coding skills using Python. Designed for beginners, the course covers essential programming concepts such as variables, loops, conditions, functions, and data structures. Through hands-on exercises and real-world business applications, students will learn how to write efficient code, automate tasks, and process data.

Course Code: QM354 **Course Title:** Data Visualization

Introduction to data visualization; Data for data graphics; Tableau introduction Design principles; Categorical, time series, and statistical data graphics; Storytelling; Multivariate displays, Geospatial displays, Dashboards, interactive and animated Displays; Project presentations.

Course Code: QM455 **Course Title:** Data Mining

Advanced data analysis techniques; nature and purpose of Data Mining (DM); the relationship between DM and data warehousing; design issues related to DM tools; data processing techniques; classification and predictions; clustering; DM applications.

Course Code: QM456 **Course Title:** Business Intelligence

Business Intelligence (BI) components; BI technologies; data gathering; storing; accessing and analysis; BI application to the organization; data quality and validity; data privacy and security; data warehousing; analytical reporting; data visualization; ethical and legal issues.

Minor in Accounting

Course Code: ACC211 **Course Title:** Intermediate Accounting I

The course introduces financial accounting and reporting concepts and standards, emphasizing the conceptual framework underlying financial accounting and preparation of key financial statements. Topics include: statement of income; statement of financial position; statement of cash flows; cash and receivables; inventories; exchange of property, plant, and equipment; intangible assts.

Course Code: ACC221 **Course Title:** Cost Accounting

This course provides an in-depth exploration of essential cost accounting principles and methodologies. Students will learn to classify costs accurately, apply job-order costing techniques, and understand the cost flows necessary for external financial reporting. Emphasis is placed on process costing and cost-volume-profit relationships to equip students with the tools for analyzing profitability and making informed decisions. The course also covers activity-based costing for precise overhead allocation, flexible budgets for performance analysis, and variance analysis for identifying cost discrepancies.

Course Code: ACC335 **Course Title:** Auditing and Assurance Services

This course introduces students to the fundamental concepts, principles, and procedures of auditing. It provides international perspectives on auditing and assurance services. Topics include gaining insight into the nature of auditing and the economic demand for auditing services; auditing standards; professional ethics; audit objectives and procedures; evidence gathering; audit planning; and risk assessment. Students are equipped to identify, analyze, and apply auditing techniques commonly used in professional practice. The course highlights the auditor's role in ensuring reliable financial reporting, fostering accountability, and exercising professional judgment in an international auditing context.

Course Code: ACC330 **Course Title:** Managerial Accounting and Decision Making

This course introduces students to the fundamental concepts, principles, and procedures of auditing. It provides international perspectives on auditing and assurance services. Topics include gaining insight into the nature of auditing and the economic demand for auditing services; auditing standards; professional ethics; audit objectives and procedures; evidence gathering; audit planning; and risk assessment. Students are equipped to identify, analyze, and apply auditing techniques commonly used in professional practice. The course highlights the auditor's role in ensuring reliable financial reporting, fostering accountability, and exercising professional judgment in an international auditing context.

Course Code: ACC444 **Course Title:** Accounting Information System

This course introduces students to the role and application of Accounting Information Systems (AIS) in modern business environments. It explores the integration of accounting processes with information technology to support

decision-making, control, and organizational performance. Key topics include system design, data analytics, data modeling and visualizations, internal control, cybersecurity, database management, and the impact of emerging technologies such as blockchain and artificial intelligence on accounting practices.

Minor in International Business

Course Code: MGT439 **Course Title:** International Business

Introduction to the environment of international business and to the operation of multinational firms; major topics include basic concepts of world trade and investment problems; nature of international business; economic theory and international business operations; management of primary activities in international firms; strategic and tactics for dealing with special problems and challenges arising in the global market.

Course Code: MKT463 **Course Title:** International Marketing

Problems of distribution and marketing in foreign countries; foreign market surveys; promotion by government and private agencies; structural organization; marketing channels; foreign operations; foreign licensing; selection of marketing policies; techniques and financial instruments of foreign trade.

Course Code: ECON460 **Course Title:** Economics Practices in Business Strategy

This course explores the application of economic theories and principles in the development and execution of business strategies. This course emphasizes the integration of economic concepts such as the market structures, pricing strategies, competition and cost-benefit analysis into real world business decision making process. Students will learn how to use economic tools to assess market dynamics, optimize resource allocation and formulate competitive strategies that align with the organization's goals. By examining case studies and industry examples, the course will provide practical insights into how economic practices influence business strategy in various sectors, including pricing, market entry, product differentiation, and strategic alliances. Additionally, the course will address how businesses navigate economic challenges such as recessions, inflation, and international trade dynamics.

Course Code: FIN426 **Course Title:** International Financial Management

This course covers the financial operations of global firms focusing on managing currency and political risks, measuring interest rates and purchasing power parities, estimating transactions, economic and translation exposures, and discussing potential issues for ESG reporting by multinational corporations.

Course Code: ECON440 **Course Title:** International Economics

Introduction to international economics, why nations trade, the sources of comparative advantage, commercial policy and the institutional aspects of the world trading system, exchange rates, exchange rate systems' impact on money and banking, and it studies theories of balance of payments adjustments and foreign direct investments.

Minor in Economics

Course Code: ECON441 **Course Title:** Econometrics

This course introduces the core concepts of econometrics, focusing on logic, application, and interpretation. The course aims to equip students with the tools necessary to perform and interpret basic econometric analyses using Excel and introduces students to EViews for practical econometric modeling. Topics include both theory and practical applications of regression analysis, hypothesis testing, model assumptions, and solutions to common problems.

Course Code: ECON340 **Course Title:** Managerial Economics

This course applies economic principles to key management decisions within organizations. It provides insights into how managers can use economic tools to make informed decisions, emphasizing the importance of incentives, costs, and benefits. Topics include demand analysis, production and cost analysis, pricing strategies, and the impact of

macroeconomic policies on business operations. The course aims to enhance students' understanding of the external business environment and equip them with the skills needed to increase value creation within their organizations.

Course Code: ECON360 **Course Title:** Digital Economy

This course focuses on exploring the dynamics between individuals, companies and digital markets as well as how these markets should be structured and regulated. It combines theoretical frameworks with real world data to provide insights. Key characteristics of digital markets are examined such as network effects, two sided platforms, search and matching process, reputation systems, and data utilization. Additionally, the course delves into specific markets like search engines, online retail platforms, the gig economy, and cryptocurrencies.

Course Code: ECON449 **Course Title:** Economic Forecasting

This course introduces students to the tools, techniques, and methodologies used to forecast economic variables and trends. Students will explore the principles and applications of quantitative and qualitative forecasting methods, including time series analysis, econometric models, and judgmental forecasting. The course will focus on how economic data, such as GDP, inflation, unemployment, interest rates, and exchange rates, can be analyzed to predict future economic outcomes. By applying forecasting techniques to real-world scenarios, students will gain hands-on experience in producing and interpreting economic forecasts. Additionally, the course will examine the limitations and challenges of economic forecasting, emphasizing the role of uncertainty, data quality, and model selection in making accurate predictions. Students will learn computer software (e.g. EViews, Stata, R) for the forecasting techniques.

Course Code: ECON351 **Course Title:** Environmental Economics & Sustainable Development

This course examines the relationship between economics and the environment, with a focus on how economic policies and practices can support sustainability. It introduces students to the concept of sustainable development, providing them with the tools to evaluate environmental policies, assess the economic costs and benefits of conservation, and understand the environmental impacts of economic activities. The course also highlights the significance of sustainable economic practices and explores how to balance economic growth with environmental protection, while addressing major global environmental challenges such as climate change, resource depletion, pollution, and biodiversity loss

Minor in Islamic Finance

Course Code: SBF271 **Course Title:** Islamic Law of Contracts

This course explores the principles and foundations of financial transactions in Islamic jurisprudence. The course examines the theory of wealth, ownership, and contractual obligations within the framework of Shariah. Students will analyze the legal and ethical dimensions of contracts, focusing on their formation, validity, and enforcement in Islamic finance. Emphasis is placed on key juristic interpretations and their applications in contemporary financial systems.

Course Code: SBF470 **Course Title:** Islamic Accounting Standards

This course explores the foundations and practical application of Islamic accounting. Students will examine the theoretical underpinnings, compare conventional and Islamic financial reporting, and analyze key standards from AAOIFI and IFRS.

Course Code: SBF273 **Course Title:** Islamic Commercial Jurisprudence I

Islamic financial contracts of Bai' (sale), Murabaha, Istisna', Salam, Tawarruq, installment sale, lease (Ijara), Ju'alah, and comparison of Islamic financial contracts with Shari'a standards such as that of Accounting and Auditing Organization for Islamic Financial Institutions (AAOIFI).

Course Code: SBF370 **Course Title:** Islamic Capital Markets

This course provides a comprehensive overview of Islamic Capital Markets, emphasizing critical analysis of key trends and Shariah-compliant instruments. Students will explore diverse market segments, including Sukuk, Islamic equities, and derivatives, examining their structures, risks, and regulatory frameworks. The course delves into Shariah screening methodologies, valuation techniques, and contemporary market practices, fostering a deep understanding of the principles and applications of Islamic finance within global capital markets.

Course Code: SBF472

Course Title: Islamic Insurance and Risk Management

This course provides a comprehensive understanding of risk management from an Islamic perspective, focusing on takaful (Islamic insurance) and its comparison to conventional insurance. Students will explore key risk management concepts, including identifying, analyzing, and mitigating risks. The course covers takaful models, Sharia principles, and Re-takaful as a risk management tool. Topics include Sharia standards, Islamic derivatives for hedging, and risk management in financial institutions. It also addresses contemporary issues such as ESG integration, technological advancements, and the evolving takaful landscape in response to global challenges.