

Course	Course Description
<i>Foundation Courses</i>	
FIN 510: Foundations of Finance	This is an introductory course for students with no prior knowledge of business or related subjects. The course covers financial management decisions. The course focuses on conceptual frameworks and specialized tools for solving real-world financial problems at both the individual and corporate levels while expanding on beginning courses in accounting, economics, and quantitative analysis. This course is a combination of theory and application.
ACCT 510: FINANCIAL ACCOUNTING	This course in accounting focuses on core accounting principles and concepts. This course covers the mechanics of the accounting cycle, recording journals, ledger entries, trial balances, and balance sheets. This course helps the students to demonstrate critical knowledge and understanding of how to apply accounting principles and techniques in practice.
ECON510: Foundations of Economics	This graduate course provides a broad range of economic concepts, theories, and analytical techniques. It considers both microeconomics - the analysis of choices made by individual decision-making units - and macroeconomics - the analysis of the economy. The fundamental model employed will rely on market dynamics, involving supply and demand, to assess trade-offs and decisions by weighing the costs and benefits of various actions. Production and market structure will be analyzed at the firm level. Macroeconomic issues regarding the interaction of goods and services markets, labor and money at an aggregate level will be modelled. The role of government policy to address microeconomic market

	failures and macroeconomic objectives will be examined.
<i>Core Courses</i>	
ACCT 610: FINANCIAL and MANAGERIAL ACCOUNTING	This course introduces both financial and managerial accounting and emphasizes the analysis and evaluation of accounting information as part of the managerial processes of planning, decision-making, and control.
FIN610: Corporate and Managerial Finance	This course exposes students to modern finance, with a focus on how critical financial decisions are made inside companies. The time value of money is discussed, as well as asset valuation, the risk and return paradigm, capital budgeting, and payout decisions. Students will learn how to analyze equity and debt instruments, include risk into the return calculation process, and apply current approaches to discover factors impacting shareholder wealth maximization. They'll also understand how companies fund capital expenditures and how payment amounts are determined.
FIN611: Fundamentals of Financial Technology	This is an advanced course in finance that covers the new innovations used in financial sector services such as Artificial Intelligence, blockchain, distributed ledgers, cryptocurrencies, Initial Coin Offering (ICO), and the Internet of Things (IoT). This course will help the students discover the recent technology employed in the financial sector and provide them with the necessary tools to make appropriate decisions related to the use of this technology in the financial sector.
FIN612: Advanced Corporate Finance	This is an advanced course in finance which deals with advanced concepts, theory, and practice of corporation finance such as the cost of capital concept, capital structure theories, dividend policy, business valuation, and mergers and acquisitions. This course will help the students to understand the theory of corporate finance

	and possessed the needed tools to take financial decisions targeting the maximization of the firm's value.
FIN613: Digital Finance: Analytical Tools and Valuation Methods	This is an advanced course in financial analysis and business valuation which focuses on financial analysis fundamentals and business valuation modelling. This course covers financial analysis fundamentals, analyzing financial statements, analyzing financial modelling, scenario analysis and sensitivity analysis and business valuation. By the end of the course, students should be comfortable using firms' financial statements to assess firm performance and make reasonable valuation estimates.
FIN614: Financial Budgeting and Forecasting	This course focuses on the role of financial budgeting and forecasting in management. This course covers budget and budgetary control, types of budgets such as operating budget, cash budget, zero based budget, flexible budget, master, and cash forecasting, and the characteristics of different types of budgets and master budget. Preparation of different types and master budget and forecasting of cash.
FIN615: Big Data & AI in Financial Services	This advanced course covers Big Data & and AI in digital finance and FinTech and provides an in-depth exploration of the applications and implications of big data and artificial intelligence (AI) in digital finance and FinTech. The course aims to equip students with the knowledge and skills required to leverage big data and AI technologies for effective decision-making, risk management, and innovation in financial services.
FIN616: Payments and Cryptocurrencies	This course is aim to offer a comprehensive exploration of the topics related to payments and cryptocurrencies, Introduction to Cryptography, Digital Signatures, Cryptographic Hash Functions, Cryptographic, Bitcoin's Protocol, Bitcoin Blocks, Hot and Cold Storage, Cryptocurrency Technologies, Prediction Markets, Green addresses, Multi-party Lotteries, Overview of the Payments Industry, Electronic Funds

	Transfers, Card Payments, Alternative Payments, Financial Messaging, Cryptocurrencies and Blockchain, Other implications of payment systems and cryptocurrencies, Legal issues around payment systems and cryptocurrencies. This course helps the students with deep understanding the importance of payment systems and cryptocurrencies and its impact on the financial services provided by financial firms.
FIN617: Block chain and Applications	This is an advance course, which focuses on block chain applications in business environment. This course covers will learn how blockchain technology will penetrate the structures of organizations. You will explore how blockchain will transform the roles of the C-Suite, and how a blockchain can be used to manage and protect intellectual property. You will be able to identify the different layers of the blockchain technology stack and explain how these affect the governance of blockchain systems. This course helps the students to understand the importance of block chain applications in a business environment.
FIN618: RegTech and Compliance	The "RegTech and Compliance" course is a specialized module within the MSC in Digital Finance and Financial Technology (FinTech) program. This course is designed to provide students with in-depth knowledge and practical skills related to regulatory technology (RegTech) and compliance in the context of digital finance and FinTech industries. Throughout the course, students will explore the evolving regulatory landscape and the increasing importance of compliance frameworks in the digital era. They will delve into the intersection of technology, innovation, and regulatory requirements, gaining a comprehensive understanding of how RegTech solutions can effectively address compliance challenges in the financial industry.

FIN620: Islamic Finance and FinTech	This is a course on theories and practices of Islamic Finance and FinTech. The course covers the overall parameters of Islamic finance and offers a practical approach to the workings of the current Islamic financial practices in the era of FinTech and digitalization, especially that Islamic finance industry has adapted and integrated FinTech implementations in their operations to provide more efficient financial services. This course helps students to understand the connection between the theory of Islamic finance and the real-world applications of Islamic finance.
RES610: Research Methods and Statistical Analysis	This course aims to develop required knowledge of qualitative and quantitative research methods, evaluation of research and applying statistical applications to relevant research data for future research. Students will gain knowledge and skill required for designing research methods and understanding data. It will also familiarize the students to the fundamental concepts of probability theory and statistics, applications of statistical methods and the use of statistical software. The course is designed to apply which statistical procedure, the concepts that administer these procedures, common errors when using statistics, and how to get the best analysis out of the data. Research methodology is used as a base to explain statistical reasoning. The course also familiarizes the students with commonly used software for statistical analysis.
FIN699: Thesis	This capstone course enables students to work independently in conducting scientific research in the field of digital finance and financial technology. As a culminating course, the student shall identify a research problem related to the field, find appropriate research design and statistical tools to be used in processing data,



	draw conclusions and recommendations, and effectively defend his findings before a panel.
--	---