



" الريادة والأبداع في الأعمال "
Entrepreneurship and
Innovation in Business

جامعة الزيتونة الأردنية
Al-Zaytoonah University of Jordan
كلية الاعمال
Faculty of Business



" عراقة وجودة "
"Tradition and Quality"

الوصف المختصر للمواد الدراسية - إجراءات إعداد الخطة الدراسية وتحديثها/ التكنولوجيا المالية	QF05/0409-3.0
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الكلية	الاعمال	القسم	التكنولوجيا المالية	رقم الخطة الدراسية
عدد المواد الدراسية	15	تاريخ الاعتماد		()

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced Financial Technology	

The Advanced Financial Technology course, part of a master degree program, delves into the cutting-edge developments in the financial sector, focusing on the integration of innovative technologies. Students will explore topics such as blockchain, cryptocurrencies, AI in finance, and fintech regulations. The course aims to equip students with the knowledge and skills needed to navigate and leverage advanced technological tools, preparing them for the evolving landscape of global finance.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Modern banking and digital services	

Modern Banking and Digital Services is a comprehensive course designed for master degree students to explore the evolving landscape of banking in the digital age. This course delves into contemporary banking practices, the impact of technological advancements, and the integration of digital services in the financial sector. Students will gain insights into electronic banking, fintech innovations, cybersecurity, regulatory challenges, and customer relationship management in a digital context. Through theoretical knowledge and practical applications, this course prepares students to navigate and thrive in the dynamic world of modern banking.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced Financial Management	

The Advanced Financial Management course for a master's degree delves into sophisticated financial theories and practices essential for high-level financial decision-making. This course covers advanced topics such as corporate finance strategy, risk management, financial analysis, capital structure, investment decision-making, and valuation techniques. Students will develop a deep understanding of financial markets and instruments, enabling them to address complex financial challenges and make informed strategic decisions in a global business environment. Through case studies, simulations, and practical applications, the course equips students with the analytical tools and managerial skills necessary for leadership roles in finance.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced Financial Markets and Institutions	

The course at the master's level provides an in-depth understanding of the complex dynamics and structures of financial markets and institutions. It covers advanced theories and practical aspects of financial markets, including their roles in the global economy, the regulatory environment, risk management strategies, and the impact of economic policies. Students will explore various financial instruments, market participants, and the interplay between financial institutions and markets, preparing them for advanced roles in finance, banking, and investment sectors.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Block chain applications	

The "Blockchain Applications" course at the master's level delves into the foundational principles and advanced applications of blockchain technology. It covers the mechanisms of blockchain, including decentralized ledgers, cryptographic security, and consensus algorithms. Students will explore practical applications across various industries such as finance, supply chain management, healthcare, and



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government. The course also addresses the challenges and future trends in blockchain adoption, equipping students with the skills to develop and implement blockchain solutions in real-world scenarios.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Research Methodology	

This course equips master's students with essential research skills and methodologies required for advanced academic inquiry. It covers both qualitative and quantitative research techniques, emphasizing the development of research proposals, data collection and analysis, literature review, and ethical considerations. Students will learn to design robust research frameworks, critically evaluate scholarly articles, and apply statistical tools to interpret data. The course prepares students to conduct independent research and contribute valuable insights to their field of study.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Islamic Banking & Fintech	

Explore the intersection of Islamic finance principles with cutting-edge financial technology in this Master's program. Gain expertise in ethical financial practices, Sharia-compliant banking, and the latest innovations in digital finance, preparing you for a dynamic career at the forefront of the financial industry."

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Money, Credit, and Banking	

This course delves into the intricate workings of money systems, credit mechanisms, and banking practices within the context of advanced financial studies at the master's level. It explores the dynamics of money creation, the role of credit in economic activities, and the functions and regulations of banking institutions, offering a deep understanding of how these elements shape financial markets and economies.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	International Finance and Economics	

Explore the intricate interplay of global markets, currencies, and economic policies in the International Finance and Economics master's program. Gain insights into financial strategies, risk management, trade dynamics, and economic development, preparing for a dynamic career at the intersection of finance and global economics.

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	3	Research Methodology (2)	

This course builds upon foundational research skills, delving deeper into advanced methodologies used in academic and professional research. Students explore advanced data collection techniques, statistical analysis methods, and qualitative research approaches, enhancing their ability to design and conduct rigorous research projects across disciplines.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Cyber security for finance	

This course delves into the critical intersection of cybersecurity and the finance sector. Students explore advanced techniques and strategies tailored to financial institutions, addressing cyber threats, data protection, risk management, compliance frameworks, and emerging technologies. Through case studies and hands-on projects, students develop expertise in safeguarding financial systems, ensuring resilience against cyber attacks, and navigating the evolving landscape of digital security in finance.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Programming for Fintech (Python)	

This course delves into the intersection of programming and financial technology (Fintech) using



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Python, a versatile and powerful programming language. Students will learn how to apply Python programming techniques to solve complex financial problems, develop algorithms for data analysis, build financial models, and create Fintech applications. Through hands-on projects and real-world case studies, students will gain practical skills in coding, data manipulation, statistical analysis, machine learning, and API integration, essential for success in the dynamic field of Fintech.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Financial Risk Management	

This course delves into the theories, strategies, and tools essential for effectively identifying, assessing, and mitigating financial risks in various sectors. Students explore topics such as risk measurement, derivative instruments, hedging techniques, regulatory frameworks, and risk modeling to develop a comprehensive understanding of risk management practices in today's dynamic financial landscape

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced international Finance	

Advanced International Finance in a master's degree program delves into intricate financial mechanisms in a global context. It covers topics like international financial markets, exchange rate regimes, risk management in international transactions, capital budgeting in multinational corporations, and the impact of international regulations on financial strategies. Through case studies and theoretical analysis, students gain a deep understanding of managing financial complexities across borders, preparing them for roles in global finance, banking, and multinational corporations.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced Financial Analysis	

The Advanced Financial Analysis course in the master's degree program delves into sophisticated techniques and tools used in analyzing financial statements, assessing investment opportunities, and evaluating financial performance. Students explore advanced topics such as financial modeling, risk analysis, and valuation methods, gaining a deep understanding of financial decision-making in complex business environments. The course equips students with the skills needed to conduct in-depth financial analyses and make strategic recommendations for organizations.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced topics in finance and financial technology	

This course delves into advanced concepts and applications within the realms of finance and financial technology (FinTech). It explores cutting-edge topics such as blockchain technology, algorithmic trading, risk management in digital finance, regulatory frameworks for FinTech, and the integration of artificial intelligence in financial services. Students gain a deep understanding of how technological innovations are reshaping traditional finance, preparing them to navigate complex financial landscapes and drive innovation in the financial industry.

رقم المادة	عدد الساعات المعتمدة	اسم المادة الدراسية	المتطلب السابق
	3	Advanced Sustainable Finance	

Advanced Sustainable Finance is a comprehensive course designed for master's degree students interested in deepening their understanding of sustainable financial practices. The course covers advanced topics such as impact investing, ESG (Environmental, Social, and Governance) criteria integration, green bonds, sustainable development goals (SDGs), and climate finance. Through case studies, discussions, and practical applications, students develop the skills and knowledge needed to analyze, evaluate, and implement sustainable financial strategies in real-world contexts, preparing them for impactful careers in finance and sustainability management.

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Advanced Public Finance and Banking	3
The course "Advanced Public Finance and Banking" in our master's degree program delves into intricate financial mechanisms within government frameworks and the banking sector. Students explore advanced topics like fiscal policy, public expenditure, revenue generation, central banking functions, monetary policies, and their impacts on economic stability and growth. Through case studies and analysis, students gain a deep understanding of how public finance and banking intersect, preparing them for strategic roles in financial management, policymaking, and regulatory environments.	

اعتمدت من قبل رئيس القسم	د. ايمن عبدالمجيد الصمادي	تاريخ الاعتماد
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