



澳門城市大學
Universidade da Cidade de Macau
City University of Macau



金融學院
FACULTY OF FINANCE



金融科技

碩士學位課程(全日制)

Master of Science

in Financial Technology (Full-time)



課程名稱 Program Name	金融科技碩士學位課程(全日制) Master of Science in Financial Technology (Full-time)
課程特色 Program Features	<ol style="list-style-type: none"> 1. 全面、嚴謹的課程設置。 Comprehensive and rigorous curriculum 2. 眾多的選修課程，進一步培養多元化的學習興趣。 Numerous elective courses to further develop a diverse range of interests 3. 高素質、經驗豐富的教學團隊。 High-caliber and well-experienced teaching team 4. 先進的學習設施和資源。 State-of-the-art learning facilities and resources
就業前景 Career Prospects	<p>畢業生可從事銀行、保險、金融服務、諮詢等行業;可在政府部門、教育及研究機構從事研究工作;可繼續深造攻讀相關領域博士學位。</p> <p>Graduates can work in the banking, insurance, financial services, consulting and other related industries; they can engage in research work in government departments and educational and research institutions; or they can continue their studies to pursue a doctoral degree in related fields.</p>
授課語言 Language of Instruction	中文/英文 Chinese/English
授課制度 Learning Mode	全日制(日間)/全日制(夜間) Full-time
修讀年期 Duration	2 年, 最長修業期為 4 年 Normally 2 years; maximum 4 years
課程內容 Curriculum	請閱表一 Please refer to Table 1

表一：金融科技碩士學位課程(全日制)
Table 1: Curriculum for Master of Science in Financial Technology (Full-time)

必修科目 Compulsory Subjects	學分 Credits
金融科技概論 Introduction to Financial Technology	3
金融學 Finance	3
計量經濟學 Econometrics	3
運籌學 Operations Research	3
Python 及其在金融領域的應用 Python and Its Application in Finance	3
金融算法與建模 Financial Algorithm and Modelling	3
區塊鏈金融 Blockchain Finance	3
投資組合管理 Portfolio Management	3
金融程序化交易 Financial Algorithmic Trading	3
學術專題項目 Academic Special Project	1
論文 Thesis	9

表一：金融科技碩士學位課程(全日制)
Table 1: Curriculum for Master of Science in Financial Technology (Full-time)

選修科目 Elective Subjects	學分 Credits
國際金融學 International Finance	3
數字金融與監管 Digital Finance and Regulation	3
金融機構與風險管理 Financial Institutions and Risk Management	3
金融工程學 Financial Engineering	3
金融大數據分析 Financial Big Data Analysis	3
財務報表分析 Financial Statement Analysis	3
行為金融學 Behavioral Finance	3
融資租賃 Lease Financing	3
隨機過程 Stochastic Process	3
人工智能和計算智能 Artificial Intelligence and Computational Intelligence	3
機器學習算法與應用 Machine Learning Algorithms and Applications	3
雲計算與大數據分析 Cloud Computing and Big Data Analytics	3
人工智能前沿專題 Advanced Topics in Artificial Intelligence	3
數據科學前沿專題 Advanced Topics in Data Science	3

註：學生必須修讀 10 門必修科目(28 學分)、3 門選修科目(9 學分)及撰寫論文(9 學分)，共 46 學分。

Note: Students are required to complete and pass 10 compulsory subjects (28 credits), 3 elective subjects (9 credits), and the thesis (9 credits), and obtain 46 credits in total.

歡迎報讀 澳門城市大學

Welcome to City University of Macau

金融學院聯絡資訊 Faculty of Finance Contact Information

辦公地點 Office Location	澳門氹仔徐日昇寅公馬路，大豐樓二樓T221室 Room T221, 2/F, Tai Fung Building, Taipa Campus, City University of Macau
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電郵 Email	fof@cityu.mo
網站 Website	https://fof.cityu.edu.mo/home

招生事務處聯絡資訊 Admissions Office Contact Information

地址 Address	澳門氹仔徐日昇寅公馬路，行政樓一樓A105室，招生事務處 Admissions Office, Room A105, 1/F, Administrative Building, Taipa Campus, City University of Macau	<div>招生網站 Admission Information</div> 
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