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# M.Sc. in Fintech

MQF Level 7 | 90 ECTS





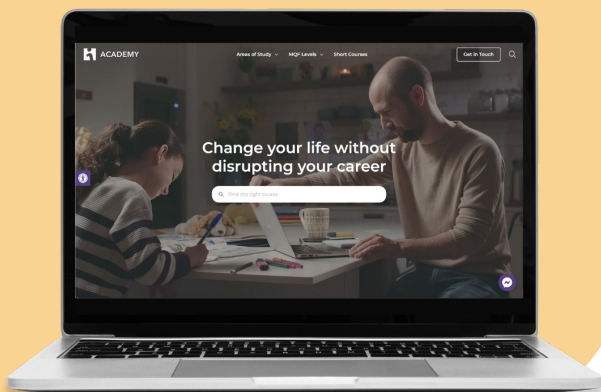
ACADEMY



## ABOUT US

Founded in 2005 as IDEA Leadership and Management Institute, IDEA Academy has since evolved into one of Malta's leading higher education institutions accredited by the Malta Further and Higher Education Authority. We offer a selection of accredited, industry-led programmes in a wide variety of fields, from foundation programmes right up to doctorate.

Our mission is to provide quality, industry-driven education to adult students who are already practitioners and professionals. In doing so, we adopt a student-centric blended approach to learning that is flexible and allows one to balance between personal, professional, and student life.



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# M.Sc. in Fintech

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## COURSE DESCRIPTION

The world of Fintech – or ‘financial technology’ – is a fresh and burgeoning industry that has supported the financial sector in overcoming various challenges. This Master of Science in Fintech will develop your professional competence in digital finance and will help you progress to senior financial and information technology roles within the financial sector.

The programme brings together a diverse range of competencies, combining modules in finance, management and information technology to provide an overall analysis of financial systems, products, processes, business models and applications.

You will be presented with a curriculum covering topics on money and banking, international financial and digital currency markets, principles of disruptive innovation, regulatory systems, cryptographic system security, and distributed systems structures.

## CAREER PATHS

The programme aims to prepare you for middle management and senior managerial posts at any financial technology entity.

## TARGET AUDIENCE

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This course is targeted at Fintech professionals, including but not limited to:

- financial managers
- bank staff
- fintech employees
- accountants
- IT professionals with experience in finance

## ENTRY REQUIREMENTS

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Candidates who apply for this course must possess one of the following:

- a Level 6 degree in a related field;

OR

- a Level 5 diploma or higher diploma and 2 years' work experience, preferably in the Fintech industry.

Preference is given to applicants having a Level 6 degree in Information Technology, Computer Science, Data Science, Statistics, Mathematics, Finance, Banking, Business Management, or any other area related to Financial Management. People with degrees related to IT will also be accepted if accompanied by solid experience in the financial sector.

## STRUCTURE & ASSESSMENT

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This programme may be followed on a part-time basis. The programme comprises a total of 10 modules. The method of assessment is assignment-based.

**The course comprises:**

- 6 lectures per module;
- 3-hour lectures;
- 12 hours of guided learning, presentations, comprising synchronous online discussions, tutorials and/or videos;
- Self-study hours comprising research, reading and assignment work.

## COST

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Reading for the entire Master of Science (M.Sc.) in Fintech as presented in this brochure costs €9,775.\*

Upon successful completion of this course, students will be eligible for a 70% refund of the cost through the 'Get Qualified' scheme.\*\*

Due to the modular structure of the course, you may also opt to take individual modules as stand-alone. The entry requirements still apply.\*\*\*

\* Prices are applicable to students who already reside in Malta at the time of the application.

\*\* Terms and Conditions apply.

\*\*\* For the price of individual modules, please contact the IDEA Academy team.

## PROGRAMME OUTLINE

MODULE/UNIT TITLE	COMPULSORY OR ELECTIVE	ECTS
1. Introduction to Financial Technologies	Compulsory	6 ECTS
2. Principles of Disruptive Technology and Financial Innovation	Compulsory	6 ECTS
3. Digital Payments, Blockchain Technology and Cryptocurrency	Compulsory	6 ECTS
4. Artificial Intelligence and Machine Learning	Compulsory	6 ECTS
5. International Financial Markets and Institutions	Compulsory	6 ECTS
6. Fintech Regulation and Regulatory Technology	Compulsory	6 ECTS
7. Research Methods in Finance	Compulsory	6 ECTS
8. Python for Finance: Data-driven Finance	Elective	6 ECTS
9. Data Analytics and Data-driven Finance Case Studies	Elective	6 ECTS
10. Cyber Security and Privacy	Elective	6 ECTS
11. Robo-Advisors, Systematic Trading	Elective	6 ECTS
12. Innovative and Alternative Financing	Elective	6 ECTS
13. Dissertation	Compulsory	<b>30 ECTS</b>

You are required to complete all 7 compulsory modules (42 ECTS), and only 3 elective modules out of the proposed 5 (18 ECTS), as well as the dissertation (30 ECTS) to fulfil the requirements of this master's degree.

**Total credits: 90**



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IDEA Group  
Level 2, The Business Centre,  
1, Triq Nikol Muscat, Mosta  
MST 1870  
Malta

+356 2145 6310  
[info@ideaeducation.com](mailto:info@ideaeducation.com)