

Lugano Banking Day

Boas EREZ

Rettore

Università della Svizzera italiana (USI)

FinTech at USI

FinTech at USI

- **A Master in Financial Technology and Computing**
- **A Master in Finance with a minor in Digital finance**

- **A study directed by Prof. Nowak and Prof. Beck, performed by A. Bedova on the FinTech sector in Ticino (2016/2017)**

FinTech: definition

**“Technologically enabled financial innovation
that could result in
new business models, applications, processes, products, or
services
with an associated material effect on financial markets and
institutions and the provision of financial services.”**

The US Financial Stability Board

A FinTech Boom?

\$12B raised by VC-backed FinTechs in 2016

CB Insights

More than 40 FinTech hubs around the world

Deloitte

60% of traditional firms seek partnerships with FinTechs

Capgemini

FinTech: a reality

The new technologies are (already) bringing significant changes to the financial industry value chain and to the relations among different actors

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→ in Ticino!

The competences at USI

- The Institute of Finance (IFin)
- The Faculty of Informatics

Institute of Finance

10 permanent faculty members

Wide range of research topics in Finance: asset pricing, corporate finance, alternative investments, institutional investors, financial econometrics, corporate governance, real estate, etc.

Highly visible faculty in the academic landscape

Institute of Finance

IFin is part of the Swiss:Finance:Institute (www.sfi.ch), a common initiative of the Swiss finance industry, leading Swiss universities, and the Swiss Confederation

SFI accreditation: the USI Masters in Finance are accredited by SFI



Master in Financial Technology and Computing (MFT)



Strengths of MFT

Provides necessary tools and skills for understanding fundamental problems in finance while, at the same time, learning about advanced tools and techniques in informatics for finance

Few comparable programs in Europe

- **Most existing programs run by business schools, offer only basic IT training**
- **Is the only dedicated FinTech program at Swiss University level targeting IT professionals**

Supports both “research” and “applied” thesis work with local companies

- **Relies upon IFin’s extensive internship network**



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The Master of Science in Financial Technology and Computing is offered jointly by the Faculty of Informatics and by the Faculty of Economics of the Università della Svizzera italiana, USI, situated in Lugano - Switzerland. This full-time study programme comprises 120 ECTS spread over 4 semesters (usual duration 2 years) and is entirely offered in English.

This unique cross-discipline programme combines USI's world-leading expertise in Finance and Informatics and offers exciting career prospects that range from fintech startups to banks and insurers to hedge funds. The programme has been designed to provide graduates with an informatics background with the necessary tools and skills for understanding fundamental problems in finance while, at the same time, learning about advanced tools and techniques in informatics to be applied in finance.

Awarded degree

After the successful completion of the programme, students will be awarded a Master of Science in Informatics and Economics, Major in Financial Technology & Computing.

Master in Finance Minor in Digital Finance





Master in Finance



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Attachments

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The MSc in Finance is offered by the [Swiss Finance Institute](#) and the [Faculty of Economics](#) at the Università della Svizzera italiana, Switzerland. The standard duration of this full-time study program is 3 semesters (90 ECTS). However, you can extend the duration by an additional semester taking additional credits in the form of an internship or a Master thesis to bring the total number of ECTS to 120. The master is entirely offered in English.

The Master equips you with a solid background in financial principles and tools to excel in your career in finance. You will learn how to analyze financial markets, use and structure financial products, and value and devise investment opportunities. Our graduates occupy top positions in financial and academic institutions worldwide.

You will enjoy a sophisticated mix of knowledge transfer by our world-class and internationally renowned faculty, as well as hands-on experience by practitioners. The Master is organized in three tracks (Minor):

- Quantitative Finance
- Banking and Finance
- Digital Finance

This flexible structure of the course offering allows you to specialize according to your interests and career goals, be they in quantitative analysis, banking, or financial technology. USI takes great pride in keeping their course offering cutting edge and up-to-date at the pulse of the financial system.

The Master in Finance is coordinated with the Swiss Finance Institute, an initiative sponsored by the Swiss Bankers Association with the purpose of achieving international excellence in banking and finance education and research at Swiss universities.

The highlights of the program are:

- High professor-to-student ratio
- International Faculty
- Courses and guest lectures from leading practitioners
- Wide range of career opportunities
- Excellent placement records
- SFI accreditation

Acknowledgement

We are grateful to Associazione Bancaria Ticinese for its support to SFI, which contributes greatly to research and teaching in finance at USI

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→ also see ongoing work with Centro di Studi Bancari

Conclusion



The financial sector can count on USI's support

Have a good day!