



Academic year 2024-2025

# Master in Finance (MFIN)

Latest update: 20.05.2025 11:42

## Banking and Finance

### Study plan

#### 1st semester (SA 2024-2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Corporate Finance	Frésard		6
Financial Accounting	Seistrajkova		3
Financial Econometrics	Mancini		6
Investments	Franzoni		6
Programming in Finance and Economics I	Gruber		3
Statistics	Mira		6

#### 2nd semester (SP 2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Banking Strategies & Wealth Management	Coggi, Vergani		6
Corporate Banking	Degeorge, Casati		6
Derivatives	Mancini		6
ESG I: Corporate Governance	Nowak		3
Financial Intermediation	Plazzi		6
Financial Statement Analysis	Nowak		3

#### 3rd semester (SA 2025-2026)

Core (15 ECTS)	Lecturers	Tags	ECTS
Entrepreneurial Finance	Frésard		6
Law, Financial Regulation and Compliance	Minto		3
Structured Products	Carcano		6

<b>Elective (15 ECTS)</b>	<b>Lecturers</b>	<b>Tags</b>	<b>ECTS</b>
Advanced Statistics	Mira	Electives or Field Project or Semester abroad (Banking and Finance)	6
Advanced Topics in Finance	Dieler, Füss	Electives or Field Project or Semester abroad (Banking and Finance)	3
Alternative Investments	Mueller	Electives or Field Project or Semester abroad (Banking and Finance)	3
ESG II: Climate Finance and Impact Investing	Nowak	Electives or Field Project or Semester abroad (Banking and Finance)	3
Finance and Sustainability	Frésard	Electives or Field Project or Semester abroad (Banking and Finance)	3
Financial Modeling	Franzoni	Electives or Field Project or Semester abroad (Banking and Finance)	6
Financial Stability	Mele	Electives or Field Project or Semester abroad (Banking and Finance)	6
Global Investment Research	Nowak	Electives or Field Project or Semester abroad (Banking and Finance)	6
Interest Rate and Credit Risk Models	Mele	Electives or Field Project or Semester abroad (Banking and Finance)	6
Introduction to Fintech	Gruber	Electives or Field Project or Semester abroad (Banking and Finance)	6
Field Project		Electives or Field Project or Semester abroad (Banking and Finance)	9
<b>4th semester (SP 2026)</b>			
Semester abroad		120ects; 90 ects; 99ects; Electives or Field Project or Semester abroad (Banking and Finance)	15
Internship		99ects	9
Thesis		120ects; Thesis or Coursework	30
Coursework		120ects; Thesis or Coursework	30
Students must acquire <b>15 ECTS</b> of " <b>Electives or Field Project or Semester abroad (Banking and Finance)</b> " tagged courses or activities from the <b>3rd semester</b> .			
Students must acquire <b>30 ECTS</b> of " <b>Thesis or Coursework</b> " tagged courses or activities from the <b>4th semester</b> .			

## Digital Finance

### Study plan

#### 1st semester (SA 2024-2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Corporate Finance	Frésard		6
Financial Accounting	Seistrajkova		3
Financial Econometrics	Mancini		6
Investments	Franzoni		6
Programming in Finance and Economics I	Gruber		3
Statistics	Mira		6

#### 2nd semester (SP 2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Arbitrage Pricing	Schneider		6
Blockchains & Digital Currencies	Morini		3
Financial Intermediation I	Plazzi		3
Machine Learning (BSc)	Alippi		6
Programming in Finance and Economics II	Gruber		3
Risk Management	Plazzi		6
Trading and Market Microstructure	Kaul		3

#### 3rd semester (SA 2025-2026)

Core (15 ECTS)	Lecturers	Tags	ECTS
Data Analytics for Finance I & II	Gruber		6
Financial Modeling	Franzoni		6
Fintech Innovations in Financial Services	Nam		3

Elective (15 ECTS)	Lecturers	Tags	ECTS
Advanced Statistics	Mira	Electives or Field Project or Semester abroad (Digital Finance)	6
Advanced Topics in Finance	Dieler, Füss	Electives or Field Project or Semester abroad (Digital Finance)	3
Alternative Investments	Mueller	Electives or Field Project or Semester abroad (Digital Finance)	3
Distributed Algorithms	Pedone	Electives or Field Project or Semester abroad (Digital Finance)	6

Entrepreneurial Finance	Frésard	Electives or Field Project or Semester abroad (Digital Finance)	6
Finance and Sustainability	Frésard	Electives or Field Project or Semester abroad (Digital Finance)	3
Financial Stability	Mele	Electives or Field Project or Semester abroad (Digital Finance)	6
Fundamentals of Informatics	Sharygina	Electives or Field Project or Semester abroad (Digital Finance)	6
Global Investment Research	Nowak	Electives or Field Project or Semester abroad (Digital Finance)	6
Interest Rate and Credit Risk Models	Mele	Electives or Field Project or Semester abroad (Digital Finance)	6
Introduction to Fintech	Gruber	Electives or Field Project or Semester abroad (Digital Finance)	6
Law, Financial Regulation and Compliance	Minto	Electives or Field Project or Semester abroad (Digital Finance)	3
Mobile and Wearable Computing	Santini	Electives or Field Project or Semester abroad (Digital Finance)	6
Structured Products	Carcano	Electives or Field Project or Semester abroad (Digital Finance)	6
User Experience Design	Landoni, Langheinrich	Electives or Field Project or Semester abroad (Digital Finance)	6
Field project		Electives or Field Project or Semester abroad (Digital Finance)	9
<b>4th semester (SP 2026)</b>			
Semester abroad		120ects; 90 ects; 99ects; Electives or Field Project or Semester abroad (Digital Finance)	15
Internship		99ects	9
Thesis		120ects; Thesis or Coursework	30
Coursework		120ects; Thesis or Coursework	30
Students must acquire <b>15 ECTS</b> of " <b>Electives or Field Project or Semester abroad (Digital Finance)</b> " tagged courses or activities from the <b>3rd semester</b> .			
Students must acquire <b>30 ECTS</b> of " <b>Thesis or Coursework</b> " tagged courses or activities from the <b>4th semester</b> .			

## Quantitative Finance

### Study plan

#### 1st semester (SA 2024-2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Corporate Finance	Frésard		6
Financial Accounting	Seistrajkova		3
Financial Econometrics	Mancini		6
Investments	Franzoni		6
Programming in Finance and Economics I	Gruber		3
Statistics	Mira		6

#### 2nd semester (SP 2025)

Core (30 ECTS)	Lecturers	Tags	ECTS
Arbitrage Pricing	Schneider		6
Derivatives	Mancini		6
Financial Intermediation	Plazzi		6
Programming in Finance and Economics II	Gruber		3
Risk Management	Plazzi		6
Trading and Market Microstructure	Kaul		3

#### 3rd semester (SA 2025-2026)

Core (15 ECTS)	Lecturers	Tags	ECTS
Alternative Investments	Mueller		3
Financial Modeling	Franzoni		6
Interest Rate and Credit Risk Models	Mele		6

Elective (15 ECTS)	Lecturers	Tags	ECTS
Advanced Statistics	Mira	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Advanced Topics in Finance	Dieler, Füss	Electives or Field Project or Semester abroad (Quantitative Finance)	3
Data Analytics for Finance II	Gruber	Electives or Field Project or Semester abroad (Quantitative Finance)	3
Entrepreneurial Finance	Frésard	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Finance and Sustainability	Frésard	Electives or Field Project or Semester abroad (Quantitative Finance)	3

Financial Stability	Mele	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Global Investment Research	Nowak	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Introduction to Fintech	Gruber	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Law, Financial Regulation and Compliance	Minto	Electives or Field Project or Semester abroad (Quantitative Finance)	3
Structured Products	Carcano	Electives or Field Project or Semester abroad (Quantitative Finance)	6
Field Project		Electives or Field Project or Semester abroad (Quantitative Finance)	9
<b>4th semester (SP 2026)</b>			
Semester abroad		120ects; 90 ects; 99ects; Electives or Field Project or Semester abroad (Quantitative Finance)	15
Internship		99ects	9
Thesis		120ects; Thesis or Coursework	30
Coursework		120ects; Thesis or Coursework	30
Students must acquire <b>15 ECTS</b> of " <b>Electives or Field Project or Semester abroad (Quantitative Finance)</b> " tagged courses or activities from the <b>3rd semester</b> .			
Students must acquire <b>30 ECTS</b> of " <b>Thesis or Coursework</b> " tagged courses or activities from the <b>4th semester</b> .			