



Recommended semester plan for Banking & Finance Masters students

(State: 21.07.2021)

This table serves as an orientation to all masters students in the field of Banking & Finance.

It is intended as a help to plan the studies

It does not replace the regulations of the faculty of Business, Economics and Informatics. This overview shows - with no obligations - in which semester the modules are advised to be taken. Detailed information can be found in the course catalogues and under:

<https://www.bf.uzh.ch/static/lectures/index.php?language=de&level=Master>

| | 1. Semester (Fall term) | | | 2. Semester (Spring term) | | | 3. Semester (Fall term) | | | 4. Semester (Spring term) | | | | | | | | | | | |
|--|-------------------------|--|------|---------------------------|--------|-----------|---|------|--------|---------------------------|-----------|--|----|------|----|-----------|--|---|------|----|---|
| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | | | | | | | | |
| Core elective modules from Sustainable Banking BIP | MOECD065 | Microfinance and Impact Investing | L | BF 2 | 3 | MOECD032 | Blockchain | L+E | BF 2 | 3 | MOECD082 | Bank Treasury Management | L | BF 2 | 3 | MOECD030 | Aktuelle Entwicklungen im Finanzsektor Schweiz | S | BF 2 | DE | 3 |
| | MOECD054 | FinTech & InsurTech: Digitalisation of the Financial Services Industry | L+E | BF 2 | 3 | MOECEC18 | Corporate Risk and Resilience | L | BF 2 | 3 | MOECD053 | Market-Consistent Valuation | L | BF 2 | 3 | DOEC0828 | Climate Change and Finance | S | BF 2 | 3 | |
| | MOECD052 | Monetary Policy and Financial Markets | S | BF 2 | 3 | MFEC0190 | Creditworthiness in seriously large banking/payment-IT-projects | L | BF 2 | 3 | MFEC0187 | Environmental and Financial Sustainability | L | BF 2 | 3 | MOECD0578 | Regulatory Challenges in Financial Markets | L | BF 2 | 3 | |
| | | | | | | MFEC0193 | Theory of Financial Intermediation and Banking | S | BF 2 | 3 | MOECD0465 | Private Banking: Integriertes Ansatz in der Praxis | BS | BF 2 | DE | 3 | | | | | |
| | | | | | | MOECD0418 | Empirical Methods in Sustainable Banking | L | BF 2 | 3 | MOECD0437 | Sustainable Finance and Networks | L | BF 2 | 3 | | | | | | |

| Core elective modules from Advanced Corporate Finance (M.F. 3) | 1. Semester (Fall term) | | | 2. Semester (Spring term) | | | 3. Semester (Fall term) | | | 4. Semester (Spring term) | | | | | | | |
|--|-------------------------|-------|------|--|---------------------------|-------|-------------------------|--|--|---------------------------|------|--|--------|-------|------|------|--|
| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | |
| MFOEC209 Seminar Corporate Governance | S | BF 3 | 3 | MFOEC144 Advanced Corporate Finance II | L | BF 3 | 3 | MFOEC180 CFA Investment Challenge | S | BF 3 | 6 | MFOEC220 Advanced Valuation I & II | S | BF 3 | 6 | | |
| MOC02027 International Tax Planning | L | BF 3 | 3 | MOC0213 Advanced Financial Accounting | L+E | BF 3 | 6 | MFOEC216 Advanced CFA Investment Challenge | S | BF 3 | 3 | MOC0448 Empirical Financial Accounting | L | BF 3 | 3 | | |
| MOC01118 Unternehmensbewertung in der Praxis | BS | BF 3 | DE | 3 | MOC0050 Empirical Finance | S | BF 3 | 3 | MOC0109 Interdisciplinary seminar: Mergers and Acquisitions | BS | BF 3 | DE | 3 | | | | |
| | | | | | | | | | MFOEC153 Takeovers, Restructuring, and Corporate Governance | S | BF 3 | 3 | | | | | |
| | | | | | | | | | MOC0583 Applied Financial Analytics for Strategic Decisions and Value Creation | L | BF 3 | 3 | | | | | |

| Core Elective Modules from Advanced Financial Economics | 1. Semester (Fall term) | | | 2. Semester (Spring term) | | | 3. Semester (Fall term) | | | 4. Semester (Spring term) | | | | |
|---|----------------------------------|-------|------|---------------------------|----------|--|-------------------------|------|--------|---------------------------|---|------|------|---|
| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | |
| MFOEC201 | Economic Foundations for Finance | L+E | BF 4 | 6 | MFOEC209 | Behavioral Finance and Private Banking | L | BF 4 | 3 | MFOEC30 | Culture Economics and Finance | S | BF 4 | 3 |
| MFOEC192 | Matlab for Portfolio Management | L | BF 4 | 3 | MFOEC309 | Real Estate Finance | L | BF 4 | 3 | MFOEC376 | Macro-Finance | L | BF 4 | 3 |
| MFOEC318 | Public Debt Management | L | BF 4 | 3 | MFOEC358 | Sentiment Analytics | L | BF 4 | 3 | MFOEC346 | Real Estate Finance Seminar | S | BF 4 | 3 |
| | | | | | MFOEC351 | Sustainable Investing | L | BF 4 | 3 | | | | | |
| MFOEC215 | Portfolio Management Theory 1 * | S | BF 4 | 3 | MFOEC195 | Portfolio Management Theory 2 * | S | BF 4 | 3 | MFOEC188 | Portfolio Management Implementation 1 * | S | BF 4 | 3 |
| | | | | | | | | | | MFOEC211 | Portfolio Management Implementation 2 * | S | BF 4 | 6 |

| Course | Elective module from Quantitative Finance | 1. Semester (Fall term) | | | 2. Semester (Spring term) | | | 3. Semester (Fall term) | | | 4. Semester (Spring term) | | | | | | | | | | | |
|-----------|--|-------------------------|-------|------|---------------------------|----------|--------------------------------------|-------------------------|------|----------|---|-------------------------------|--------------------------------------|--------|-------|------|------|----------|--|-----|----|---|
| | | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | | | | |
| MFOEC033 | Advanced Statistics | L+E | BF | S | 6 | MFOEC213 | Applied Credit Risk Modeling | S | BF | 5 | MFOEC202 | Advanced Portfolio Management | BS | BF | 5 | DE | 3 | MFOEC161 | Capital Adequacy and Risk Measures | L | BF | 3 |
| MFOEC0281 | Asset Allocation and Alternative Investments | L | BF | S | 3 | MFOEC204 | Continuous-Time Quantitative Finance | L | BF | S | 3 | MFOEC176 | Cointegration Credit Risk Management | L | BF | S | 3 | MFOEC175 | Investments: Selected Quantitative Tools | L | BF | 3 |
| MFOEC207 | Asset Management: Advanced Investments | L+E | BF | S | 3 | MFOEC217 | Financial Crises | L | BF | S | 3 | MFOEC008 | Digital Tools for Finance | L | BF | S | 3 | MFOEC022 | Time Series Analysis | L+E | BF | 6 |
| MFOEC200 | Financial Engineering | L+E | BF | S | 6 | MFOEC210 | The Risk and Finance Lab | S | BF | S | 6 | MFOEC010 | Finance and Machine Learning | L+E | BF | S | 6 | | | | | |
| MFOEC0294 | Fundamental Probability for Finance (H+T) | L | BF | S | 6 | MFOEC150 | Topics of Applied Risk Management | L | BF | S | 3 | MFOEC177 | Microeconomics of Insurance | L | BF | S | 3 | | | | | |
| MFOEC156 | The Economy of Risk in Insurance | L | BF | S | 3 | | | | | | MFOEC146 | Quantitative Asset Management | S | BF | S | 3 | | | | | | |
| | | | | | | | | | | MFOEC202 | Mathematical and Computational Statistics with a View Towards Finance and Risk Management | L | BF | S | 6 | | | | | | | |

| | 1. Semester (Fall term) | | | 2. Semester (Spring term) | | | 3. Semester (Fall term) | | | 4. Semester (Spring term) | | |
|---|--|--|------|---------------------------|--|---|-------------------------|----------|--|---|------|------|
| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS |
| Additional mandatory modules from Sustainable Finance, 5 ECTS | MFOEC187 | Environmental and Financial Sustainability | L SF | 3 | | | | | | | | |
| | MFOEC117 | Corporate Finance | L SF | 3 | 364-0576-001 (ETH course) | Advanced Sustainability Economics | L SF | 3 | MINF4519 | Digitalization and Sustainable Development | L SF | 3 |
| | MCOEC0265 | Microfinance and Impact Investing | L SF | 3 | MCOEC0209 | Behavioural Finance and Private Banking | L SF | 3 | M0EC0487 | Global Poverty and Economic Development | L SF | 6 |
| | 363-0537-001 Resource and Environmental Economics (ETH course) | L SF | 3 | M0EC0418 | Empirical Methods in Sustainable Banking | L SF | 3 | M0EC0561 | Literatur, Wirtschaft und Geschichte: Illustriert Homo Economicus? | S SF DE/FR/EN | 3 | |
| | M0EC0250 | Wissenschaftstheorie | L SF | 3 | M0EC0531 | Sustainable investing | L SF | 3 | MFOEC209 | Seminar Corporate Governance | S SF | 3 |
| Core elective modules from Sustainable Finance, 5 ECTS | | | | | | | | | M0EC0523 | Seminar on Responsible Leadership | S SF | 3 |
| | | | | | | | | | M0EC0437 | Sustainable Finance and Networks | L SF | 3 |
| | | | | | | | | | D0EC0012 | Sustainable Finance Research Seminar | S SF | 3 |
| | | | | | | | | | M0EC0579 | Social Entrepreneurship- for profit-for purpose | S SF | 6 |

Legend:

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These 4 modules can not be separated from each other and have to be booked in this exact order.

BS: Block seminar, S: Seminar, L: Lecture, E: Exercise