

Recommended semester plan for Banking & Finance masters students (State: 08.09.2017)

| | 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 |
| Compulsory modules BF (10 ECTS) | MFOEC021 | Empirical Methods | L+E | 6 | MFOEC105 | Advanced Financial Economics | L+E | 6 | | | | | | | | |
| | MFOEC0455 | Advanced Corporate Finance I | L+E | 6 | MFOEC191 | Quantitative Finance | L+E | 6 | | | | | | | | |
| | | | | | MFOEC194 | Advanced Banking | L+E | 6 | | | | | | | | |
| | Total | | | | Total | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Core elective modules overall (min. 18 ECTS) & elective modules (max. 12 ECTS) | | | | | | | | | | | | | | | | |
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| Master-Thesis: 30 ECTS | | | | | | | | | | | | | | | | |

This table serves as an orientation to all masters students in the field of Banking & Finance and should help to plan the studies.

It does not replace the regulations in Master of Arts in Business, Economics and Informatics. This overview shows - with no obligations - in which semester the modules are advised to be taken.

More detailed information can be found in the course catalogue.

| | 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 | | | | | |
| Core elective modules from Advanced Banking, BF 2 | MFOEC187 | Environmental and financial sustainability | L | BF 2 | 3 | MFOEC190 | Crunchpoints in seriously large banking/payment-IT-projects | L | BF 2 | 3 | MFOEC382 | Bank Treasury Management | L | BF 2 | 3 | MFOEC302 | Current developments of the Swiss financial center | S | BF 2 | DE | 3 |
| | MFOEC116 | History of the Swiss Financial Center | L | BF 2 | DE | 3 | MFOEC159 | Economic Crimes & Corporate Resilience | L | BF 2 | 3 | MFOEC265 | Microfinance | L | BF 2 | 3 | MFOEC0418 | Empirical Banking | L | BF 2 | 3 |
| | MFOEC0437 | Introduction to Systemic Risk and Financial Networks | S | BF 2 | 3 | MFOEC193 | Theory of Financial Intermediation and Banking | S | BF 2 | 3 | MFOEC345 | Private Banking: Current Challenges in Wealth Management | BS | BF 2 | DE | 3 | | | | | |
| | | | | | | | | | | MFOEC0465 | Private Banking: The Practice of Private Banking | BS | BF 2 | DE | 3 | | | | | | |

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| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | | | | | |
| Core elective modules from Advanced Corporate Finance, BF 3 | MFOEC0207 | International Tax Planning | L | BF 3 | 3 | MFOEC144 | Advanced Corporate Finance II | L | BF 3 | 3 | MFOEC180 | CFA Investment Challenge | S | BF 3 | 6 | MFOEC148 | Advanced Valuation | S | BF 3 | 3 | | |
| | MFOEC0118 | Valuation | BS | BF 3 | DE | 3 | MFOEC0213 | Advanced Financial Accounting | L+E | BF 3 | 6 | MFOEC0109 | Interdisciplinary seminar: mergers and acquisitions | BS | BF 3 | DE | 3 | MFOEC0203 | ME2: Microeconomic Theory of the Firm | L+E | BF 3 | 6 |
| | | | | | | MFOEC0442 | Empirical Corporate Governance | L | BF 3 | 3 | MFOEC153 | Takeovers, Restructuring, and Corporate Governance | S | BF 3 | 3 | MFOEC0398 | Multinational Corporate Finance | L | BF 3 | 3 | | |
| | | | | | MFOEC0112 | Seminar Taxation of Companies | S | BF 3 | DE | 3 | | | | | | | | | | | | |

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| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | | | |
| Core elective modules from Advanced Financial Economics, BF 4 | MFOEC201 | Economic Foundations for Finance | L+E | BF 4 | 6 | MFOEC0209 | Behavioral Finance and Private Banking | L | BF 4 | 3 | MFOEC0498 | Agent-Based Financial Economics | L+E | BF 4 | 3 | MFOEC0234 | Market Microstructure | L | BF 4 | 3 |
| | MFOEC192 | Matlab for Portfolio Management | L | BF 4 | 3 | MIN4523 | Commodity Trading | L | BF 4 | 3 | DOEC0779 | Econometric Analyses of Demand | S | BF 4 | 3 | | | | | |
| | MFOEC0318 | Public Debt Management | L | BF 4 | 3 | MFOEC0309 | Real Estate Finance | L | BF 4 | 3 | MFOEC0515 | Investor Psychology | S | BF 4 | 3 | | | | | |
| | | | | | | | | | | MFOEC0376 | Macro Finance | L | BF 4 | 3 | | | | | | |
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| | MFOEC172 | Portfolio Management Theory 1 * | S | BF 4 | 6 | MFOEC195 | Portfolio Management Theory 2 * | S | BF 4 | 3 | MFOEC188 | Portfolio Management Implementation 1 * | S | BF 4 | 3 | MFOEC182 | Portfolio Management Implementation 2 * | S | BF 4 | 3 |

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

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|---|-------------------------|---|------|------|---------------------------|-----------|--|--|-------------------------|-------|-----------|---|-------------------------------------|-------|------|-----------|--|--|------|------|---|
| | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | Module | Title | Type | ECTS | | | | | |
| Core elective modules from Quantitative Finance, BF 5 | MFOEC0303 | Advanced Statistics | L+E | BF 5 | 6 | MFOEC186 | Advanced Probability Theory and Modern Statistical Inference | L | BF 5 | 6 | MFOEC0293 | Advanced Portfolio Management Game | BS | BF 5 | DE | 3 | MFOEC107 | Asset Management: Advanced Investments | L+E | BF 5 | 3 |
| | MFOEC0281 | Asset Allocation and Alternative Investments | L | BF 5 | DE | 3 | MFOEC146 | Asset Management: Applied Portfolio Theory | S | BF 5 | 3 | MFOEC176 | Counterparty Credit Risk Management | L | BF 5 | 3 | MFOEC167 | Computational Economics and Finance | L | BF 5 | 6 |
| | MFOEC200 | Financial Engineering | L+E | BF 5 | 6 | MFOEC108 | Continuous Time Quantitative Finance | L | BF 5 | 3 | MFOEC199 | Dynamic models of insurance | L | BF 5 | 3 | MFOEC0296 | Applied Topics in Finance | BS | BF 5 | DE | 3 |
| | MFOEC0294 | Fundamental Probability for Finance (HW) | L | BF 5 | 6 | MFOEC149 | The Risk & Finance Lab | L | BF 5 | 3 | MFOEC198 | Introduction to systematic risk premia strategies traded at hedge funds | L+E | BF 5 | 3 | MFOEC0470 | Introduction to Operations Research: Stochastic Models | L+E | BF 5 | 6 | |
| | MFOEC202 | Mathematical and Computational Statistics with a View Towards Finance and Risk Management | L | BF 5 | 6 | MFOEC0028 | Time Series Analysis | L+E | BF 5 | 6 | MFOEC197 | Management of Strategic Corporate Transactions | L | BF 5 | 3 | MFOEC175 | Investments-Selected Quantitative Tools | L | BF 5 | 3 | |
| | MFOEC189 | Modern Crime in Financial Markets | L | BF 5 | 3 | MFOEC150 | Topics of Applied Risk Management | L | BF 5 | 3 | MFOEC177 | Microeconomics of Insurance | V | BF 5 | 3 | MFOEC178 | Banking Products - Present and Future | L | BF 5 | 3 | |
| | | | | | | | | | | | MFOEC196 | Taming the Data | L | BF 5 | 3 | MFOEC163 | Capital Adequacy and Risk Measures | L | BF 5 | 3 | |
| | | | | | | | | | | | MFOEC156 | The Economy of Risk in Insurance | L | BF 5 | 3 | MFOEC205 | Microeconomics of Insurance II | L | BF 5 | 3 | |

Legend: BS = block seminar, S = seminar, L = lecture, E = exercise