Module Description
Master Program
International Business and Finance (M.A.)
(Version: 2016-02-09)

Introduction:
The official requirements for the degree program 'International Business and Finance' have been formally established in the study program and examination regulations according to the most current version.
The module description provides a description of the content of the courses as an orientation guide for your studies.
This handbook was carefully written and we have taken every precaution to make sure it is correct. However, errors may still exist. If you happen to notice any discrepancies or inconsistencies, please send an email with a short description of the problem at: studiengang.wirtschaft@hs-augsburg.de
## Content

<table>
<thead>
<tr>
<th>Module</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Semester (Winter)</strong></td>
<td></td>
</tr>
<tr>
<td>Financial Market Decisions</td>
<td>3</td>
</tr>
<tr>
<td>Business Ethics and Corporate Governance</td>
<td>5</td>
</tr>
<tr>
<td>Managing People</td>
<td>7</td>
</tr>
<tr>
<td>Financial Economics, Financial Institutions and Monetary Policy</td>
<td>9</td>
</tr>
<tr>
<td>Cases and Projects in Finance</td>
<td>11</td>
</tr>
<tr>
<td><strong>2. Semester (Sommer)</strong></td>
<td></td>
</tr>
<tr>
<td>Studies Abroad 1)</td>
<td></td>
</tr>
<tr>
<td>Corporate Strategy and Strategy Consulting 2)</td>
<td>13</td>
</tr>
<tr>
<td>Strategy Case Study – Simulation 2)</td>
<td>16</td>
</tr>
<tr>
<td>Intercultural Management 2)</td>
<td>18</td>
</tr>
<tr>
<td>Strategic Corporate Finance 2)</td>
<td>20</td>
</tr>
<tr>
<td>Insurance, Banking and Securities Regulation 2)</td>
<td>22</td>
</tr>
<tr>
<td>International Guest Lecture 2)</td>
<td>24</td>
</tr>
<tr>
<td><strong>3. Semester (Winter)</strong></td>
<td></td>
</tr>
<tr>
<td>Elective Module 3)</td>
<td></td>
</tr>
<tr>
<td>Investment Banking &amp; Structured Finance 3)</td>
<td>26</td>
</tr>
<tr>
<td>Advanced M&amp;A Management 3)</td>
<td>28</td>
</tr>
<tr>
<td>Advanced Risk Management 3)</td>
<td>30</td>
</tr>
<tr>
<td>International Treasury management 3)</td>
<td>32</td>
</tr>
<tr>
<td>Master Thesis</td>
<td>35</td>
</tr>
</tbody>
</table>

1) „Nicht-Europäische“ Studenten haben für das zweite Semester die Wahl zwischen einem Studium an einer unserer Partnerhochschulen bzw. eines Verbleibs an der Hochschule Augsburg.
2) Im Falle des Studiums an der Hochschule Augsburg sind von den sechs Modulen insgesamt fünf Module im Umfang von 30 ECTS zu erbringen.
3) Von den Elective Modules sind jeweils drei Module zu erbringen.
# Financial Market Decisions

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Michael Feucht</td>
<td>Prof. Dr. Michael Feucht</td>
</tr>
</tbody>
</table>

## Content
- Introduction to (Mathematical) Decision Theory
- Modelling Risk and Uncertainty
- Mean-Variance Portfolio Theory
- Market Equilibrium I: CAPM
- Market Equilibrium II: Arbitrage Pricing Theory
- Modelling Equity, Debt, Currency and Commodity Markets
- Introduction to Option Pricing
- Term Structure of Interest Rates, Forward Contracts and Futures
- Structured Products
- Markets and Psychology: Brief Introduction to Behavioural Finance

## Prerequisite for participation
- Basic knowledge about financial instruments and financial markets from any business or management related bachelor program

## Preparation / Reading
**Recommended reading for course preparation:**

## Intendend learning outcomes
- Students understand the essentials of mathematical decision theory as well as the psychological aspects of market participant behavior
- They critically reflect the concepts for performance and risk measurement which are used to support decision taking in financial markets
- The module provides (in connection with M4 Financial Economics, Financial Institutions and Monetary Policy) a necessary basis for the elective Module “Advanced Risk Management”
- It can be used as stand-alone-module within any program with an advanced focus on financial markets

## Teaching & Learning methods
- „Seminaristischer Unterricht“ (Lecture with integrated practical problems)
- The lecture is supplemented by questions for discussion/practical problems/case studies which are either solved as teamwork in class or assigned as homework problems using statistical tools such as MS Excel, MATLAB or R
- Every student has to work on a semester project covering a topic from “Misbehaviour of Markets versus Misbehaviour of Market Participants”. The topic is assigned in the first classroom session. Depending on group size, topics may be assigned to groups of two.
### Literature

- Hull, J., Options, Futures and Other Derivatives, 8th edition, Toronto 2011

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2 (blocked in 6 weeks with 4 lecture hours each and 2 weeks with semester project presentations)</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory module</td>
<td>Winter term</td>
<td>1 semester</td>
</tr>
</tbody>
</table>

### Workload

4 ECTS-Credits: 120 hours combined out of:
- 18 hours lecture
- 18 hours preparation/homework/self-study
- 18 hours exercises and group work
- 48 hours for semester project and presentations
- 16 hours exam preparation
- 2 hours exam

<table>
<thead>
<tr>
<th>Attendance (lectures)</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 weeks * 3 hours = 18 hours</td>
<td>6 weeks * 3 hours = 18 hours</td>
<td>6 weeks * 3 hours = 18 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester project / Presentation</th>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 hours for scientific work</td>
<td>16 hours</td>
<td>120 minutes</td>
</tr>
<tr>
<td>8 hours for presentations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Prerequisite for the exam

- All students have to work on a semester project. As a prerequisite for the exam, students have to hand in a 20 page scientific paper and present their topic in a 20 minute presentation plus 10 minutes discussion.

### Exam requirements

- Pocket calculator
- No other material allowed in the exam ("closed book")
- Semester project and final exam are combined into one grade. They don’t have to be passed separately.

### Weighting in examination

Final grade:
- 50% written exam
- 25% scientific paper from semester project
- 25% presentation
## Business Ethics and Corporate Governance

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Hartmann, PhD</td>
<td>Michael Hartmann, PhD</td>
</tr>
</tbody>
</table>

### Content

#### Corporate Governance
- Developments in Corporate Governance
- Owners and Stakeholders
- Directors and Board Structure
- International Corporate Governance
- Finance, Law and Markets
- Corporate Control and Governance
- Globalization of Corporate Governance
- Corporate Governance in Crisis

#### Business Ethics
- Philosophy and Ethics
- Perspectives on Business Ethics and Values
- Ethical Issues in Business
- Ethical Theories and how to Use Them
- Personal Values in the Workplace
- Values and Heuristics
- Individual Responses to Ethical Situations
- Whistleblower or Witness
- Social Responsibility, Citizenship, and Governance
- Sustainability and the Responsible Corporation
- Ethical Conformance: Codes, Standards, Culture
- Global and Local Values

### Prerequisite for participation
- None

### Preparation / Reading
- Students are expected to read the materials outside of class in order to create an environment for class discussion. Two main books have been chosen for the course and will be used as references for definitions and concepts. In addition, literature will include articles from scholars on key issues and topics.
- Scholarly articles discussed in class

### Intendend learning outcomes
- Understanding and critical reflection over the essentials and necessities of business ethics within international corporate governance.
- Understanding of social influences on organizational behavior.
- Understanding of social influences on organizational behavior, one's own behavior and the influence one has on peers and superiors.
Teaching & learning methods
- Highly Interactive Teaching and Learning
- Presentations by Students on Specific Topics
- Teamwork on Cases

Literature
Corporate Governance
Recommended Readings:
- Christine A. Mallin: Corporate Governance, Oxford 2007

Business Ethics
Recommended Readings:
- Jean J. du Plessis: German Corporate Governance in International and European Context, Berlin 2007

Course organisation
<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
<th>Workload</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
<td>Compulsory module</td>
<td>Winterterm</td>
<td>1 semester</td>
<td>6 ECTS-Credits: 180 hours combined out of:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercise and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 hours</td>
<td>45 hours</td>
<td>30 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester project / Presentation</th>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 hours</td>
<td>30 hours</td>
<td>120 Minutes</td>
</tr>
</tbody>
</table>

Prerequisite for the exam
- None

Exam requirements
- Essay examination covering topics from lecture and presentation material.

Weighting in examination
- Final grade:
  - 100% Written Exam
Managing People

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Michael Freiboth</td>
<td>Prof. Dr. Michael Freiboth</td>
</tr>
</tbody>
</table>

Content
We will have a look towards the tasks and challenges that employees face when they arrive in a position that requires managing their own department and their own employees. We also look at the special situation of managing in an international context of international, global or multi-national companies. There will be a short overview on aspects of talent management like employment value proposition, job analysis, recruiting and selection, performance management as well as motivation, negotiation and leadership. A stronger emphasis will be placed on managing across cultures and on expatriation and working abroad.

Students will learn to understand and apply standard and more advanced tools and to adapt them to changing situations and requirements.

Prerequisite for Participation
- Basic understanding of Human Resource Management Tools and Practices

Preparation / Reading
-  

Intendend learning outcomes
- Understand differences between leadership and management
- Learning and adapting management tools to different situations
- Understand how performance management systems may be designed and how they will be influenced by cultural effects.
- Evaluate their own leadership style and personality
- Understanding and applying tools to manage employees
-  

Teaching & Learning methods
- **Classroom sessions**: We will have classical teaching lessons as well as case studies. Discussions and interactive learning are key targets
- Presentations of student teams about their tasks and findings with discussions

Practicability of course within other courses of the program
- The course is linked with cross-cultural management
- It has also strong relevance when it comes to all human resource related aspects of the other courses in the program to understand motivation and behavior of the relevant acting persons

Literature
- tbd at the start of each term
## Course organisation

<table>
<thead>
<tr>
<th></th>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5</td>
<td>4</td>
<td></td>
<td>Mandotory module</td>
<td>winter term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

### Workload

5 ECTS-Credits x 30 hours = 150 hours combined out of:

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 weeks * 3 hours = 45 hours</td>
<td>15 weeks * 2 hours = 30 hours</td>
<td>15 weeks * 2 hours = 30 hours</td>
</tr>
</tbody>
</table>

**Semester project / Presentation**

See „Teaching and learning“

15 hours

<table>
<thead>
<tr>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 hours</td>
<td>120 minutes</td>
</tr>
</tbody>
</table>

**Prerequirement for the exam**

---

**Exam requirements**

---

**Weighting in examination**

- Written exam: 100 %
# Financial Economics, Financial Markets and Monetary Policy

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Anton Frantzke</td>
<td>Prof. Dr. Anton Frantzke</td>
</tr>
</tbody>
</table>

## Content

### Part I: The Macroeconomics of Financial Markets
- Money, Capital and the Economy
- Monetary Policy in an European Context
- Monetary Policy, Financial Markets and the Economy

### Part II: Financial Economics and Financial Markets
- Structure of Financial Markets
- Primary and Secondary Markets
- Efficiency Market Hypothesis
- Risk, Return and the Optimal Portfolio
- The Equity Markets
- The Fixed Income Markets
- Derivative Security Markets
- The Markets for Currencies
- Derivative Security Markets

### Part III: Financial Institutions and Financial Systems in selected Countries
- Financial Markets and the Monetary Financial Institutions
- International Financial Organizations (BIS, IMF, EFSF, ESM) and their Functions
- Financial Market Regulations and Systemic Risks
- Financial Architecture

## Prerequisite for participation
- Basic knowledge about international economics and basics in international finance from any business related bachelor program.

## Preparation / Reading

### Recommended reading for course preparation:

## Intended learning outcomes

First, students understand how different financial markets are structured and how they work and why they are important for the national and the world economy. They learn and critically reflect the role international institutions and monetary policy play in every economy. Second, students develop an understanding of the microeconomic and macroeconomic decision making on international financial markets and the condition that must be fulfilled that they can work properly. Third, they work on current financial issues and how they influence decision making in businesses, monetary authorities and governments. The module provides (in connection with M1 Financial Market decisions) a indispensable prerequisite for the elective Module "Corporate Finance". It can be used as a stand-alone module within any program with an advanced focus on financial markets.

## Teaching & Learning methods

"Seminaristischer Unterricht" (Lecture with integrated practical issues). The lecture is supplemented by questions for discussion/practical problems/case studies which are either solved as teamwork in class or assigned as homework problems using statistical tools such as MS Excel or SPSS.
### Literature
- Blanchard O.: Macroeconomics, Prentice Hall
- Bofinger P., Monetary Policy, Oxford UP
- Mishkin F., Eakins S., Financial Markets and Institutions, Prentice Hall
- Bodie Z., Kane A., Marcus A.J., Investments; McGraw Hill, 9th edition or later
- Madura J., Financial Institutions and Markets, McGraw Hill 2008 or later

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td></td>
<td>English</td>
</tr>
</tbody>
</table>

#### Kind of module
- Compulsory module

#### Turnus
- Winter term

#### Duration
- 1 semester

### Workload
10 ECTS-Credits: 300 hours combined out of:
- 72,5 hours preparation and reading
- 60 hours homework
- 60 hours case study and presentation
- 28 hours exam preparation
- 2 hours exam

#### Attendance (lectures)
- 15 weeks * 6 hours = 77,5 hours

#### Preparation / Homework / Self-study
- 15 weeks * 8 hours = 120 hours

#### Time for exercises and group work
- 74,5 hours

#### Semester project / Presentation
- Scientific paper
- Presentation/defense

#### Exam preparation
- 28 hours

#### Exam time
- 120 minutes

### Pre-requirements for the exam
- 50% homework assignments have to be solved for attending the final exam

### Exam requirements
- Scientific calculator
- Set of financial formulas (mats/statistics)
- No other material allowed in the exam („closed book“)

### Weighting in examination
**Final grade:**
- 50% written exam
- 20% case study/presentation
- 30% case study/paper
### Cases and Projects in Finance

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Thorsten Feix</td>
<td>Prof. Dr. Thorsten Feix</td>
</tr>
</tbody>
</table>

**Content**

In the lecture "Projects & Cases in Finance" the fundamental principles of Finance & Investment from a Multinational Corporate perspective as well as from an investor perspective are discussed. This includes investment decisions as well as financing decisions. The lecture also frames the Electives of the 3rd term like "Advanced M&A", "Investment Banking" and "International Treasury Management".

The concept of "Projects & Cases in Finance" is built upon the following cornerstones:

1. **Theoretical Principles and Cases of Investment decisions:**
   - Goals & governance of the firm
   - The NPV concept
   - Valuing bonds
   - Valuing stocks
   - NPV and other investment criteria
   - Applying investment decisions with NPV

2. **Portfolio Theory: Risk, Return and the Capital Asset Pricing Model (CAPM):**
   - The Risk & Return trade-off and principles
   - Portfolio Theory and Allocation
   - Capital Asset Pricing Model (CAPM)
   - Risk & Cost of Capital

**Prerequisite for participation**

- Basic Knowledge (Bachelor Level) in Finance and Corporate Finance
- Presentation competencies

**Preparation / Reading**

**Recommended reading for course preparation:**

- Financial Times
- The Economist

**Intendend learning outcomes**

- Students understand and are in a position to apply modern financial theories on equity and debt markets. They also know the principles of portfolio allocation and understand in detail the risk-return trade-off
- Students understand the essentials of financial and management theories and methodologies as well as the psychological aspects of market participant behavior and regulatory boundaries
- They critically reflect the financial and management concepts for equity and debt financing, as well as for portfolio allocation on today’s global financial markets
- The module provides (in connection with M4 “Financial Economics, Financial Institutions and Monetary Policy”) a necessary basis for the more finance based lectures in the second and third term
### Teaching & Learning methods
- **Classroom sessions:** Extensive Corporate Finance literature presentation, discussion and explanations
- **Case Studies:** Applying the learned concepts and tools
- **New E-Learning concepts** like Financial Time Online Resources, ... .
- **Term Papers and presentations** by students
- Selected and focused best practice lectures of Blue Chip Corporates and Financial Services Specialists will complement the lectures of “Project and Cases of Finance” with real world examples

### Literature
- Additionally a wide set of articles will be used

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>English</td>
<td>Compulsory</td>
<td>Winter Term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

#### Workload
4 ECTS-Credits: 120 hours combined out of:

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 weeks * 1,5 hours = 22,5 hours</td>
<td>15 weeks * 1,5 hours = 22,5 hours</td>
<td>15 weeks * 2 hours = 30 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester project / Presentation</th>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
</table>
| 30 hours                        | 15 hours         | • 60 minutes presentation  
|                                 |                  | • 60 minutes written exam |

#### Prerequisite for the exam
- Non

#### Exam requirements
- Non

#### Weighting in examination
Final grade:
- 50% Written Exam
- 50% Term Paper and Presentation
## Corporate Strategy & Strategy Consulting

**Lecturer**
Prof. Dr. Thorsten Feix

**Module coordinator**
Prof. Dr. Thorsten Feix

### Content

As a starting point we will discuss the crucial challenges and opportunities for global corporates positioned in an international competitive environment. We will question how far an International Corporate Strategy is different if compared with a national one and how to decide and orchestrate a convincing Strategy Process.

The strategy lectures as structured as follows:

- The Art of Strategy and Strategy Consulting
- Corporate Architecture: Vision, Mission, Values and Goals
- Strategic Analysis – I: Industry and Competitive Analysis
- Strategic Analysis – II: Advanced Industry and Competitive Analysis
- Strategic Analysis – III: Resources and Capabilities
- SBU Strategy I: Competitive Advantage
- SBU Strategy II: Strategic Change
- SBU Strategy III: Innovation
- Corporate Strategy I: Vertical Integration, Scope & Diversification
- Corporate Strategy II: Global Strategies
- Implementing Corporate Strategy III: Managing the Multi-Business Firm

We will apply the concepts and a wide set of International Strategy Cases.

### Prerequisite for Participation

- Good understanding of competitive dynamics and advantage. Basic knowledge of consulting business model, concepts and tools. Good understanding of the specifics and challenges of the Multinational Enterprise.

### Preparation / Reading


### Intendend learning outcomes

- Having participated the lectures on “International Corporate Strategy & Strategy Consulting” the students will have an extensive overview of the challenges of global corporates in defining their Corporate Strategy.
- They will be in a position to analyze the decisive drivers of the environment of an international corporate and to define a consistent International Corporate Strategy.
- Students understand how to orchestrate an International Corporate Strategy Process
- They have as well a thorough understanding of the Business Model of International Strategy Consultants, and know how to define the success factors of International Strategy Consulting.
Teaching & Learning methods

*International Corporate Strategy & Strategy Consulting* applies a wide set of learning methods:

- **Classroom sessions:** Extensive strategy literature presentation, discussion and explanations
- **Case Studies:** Applying the learned concepts and tools
- **New E-Learning concepts** like Financial Times Online Resources,…
- **Term Papers and presentations** by students
- Selected and focused best practice lectures of Blue Chip Corporates and Strategy Consultants will be added and will complement the lectures of *International Corporate Strategy & Strategy Consulting* with real world examples

Practicability of course within other courses of the program

- The lecture should enable students to gain competencies they need if they want to start in the challenging and fascinating environment of corporate strategy and corporate strategy consulting
- This lecture has content wise intensive links to the first term lecture of “Cases and Projects in Finance” as well as to the Electives in the third term like “Advanced M&A” “International Treasury Management” and “Risk Management”
- The first term lecture on Intercultural Management complements the more qualitative part of corporate development
- The most intensive link is for sure in the second term to the simulation of a strategy case study

Literature

- Wide Set of articles, especially from the Harvard Business Review
## Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Term</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
<td>Compulsory module</td>
<td>Summer term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

### Workload

6 ECTS-Credits x 30 hours = 180 hours; as combination of:

- **Attendance**
  
  15 weeks * 3 hours = 45 hours

- **Preparation / Homework / Self-study**
  
  15 weeks * 3 hours = 45 hours

- **Time for exercises and group work**
  
  15 weeks * 2 hours = 30 hours

- **Semester project / Presentation**
  
  See „Teaching and learning“
  
  30 hours

- **Exam preparation**
  
  30 hours

### Exam time

- 60 minutes presentation
- 60 minutes written exam

### Prerequisite for the exam

Non

### Exam requirements

Non

### Weighting in examination

- Written exam: 50%
- Term Paper / Case study (incl. presentation): 50%
### Strategic Case Study - Simulation

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Hartmann, PhD</td>
<td>Michael Hartmann, PhD</td>
</tr>
</tbody>
</table>

**Content**
This course involves the practical application of strategic concepts to a business simulation. Students will have to manage a fictional company based on financial documents and business reports.

**Prerequisite for Participation**
- Second-Semester IBF

**Preparation / Suggested Reading**
- *Simulation Manual*

**Intended learning outcomes**
- Experience in strategic policy formulation and implementation
- Experience in financial planning based on financial reports
- Decision-making with limited information and time pressure
- Understanding of holistic concept of strategy for the entire firm
- Understanding functional strategic concepts
- Teamwork and cooperation
- Application of financial reports and cost accounting reports to strategic decision making.

**Teaching & Learning methods**
- Classroom Workshop: Applying the learned concepts and tools gained from strategic courses to business situation

**Practicability of course within other courses of the program**
- The lecture should enable students to develop an understanding for strategic decision making under time pressure.
- This course links in with the strategy and financial courses from first and second semester.

**Literature**
- *Simulation Manual*
- Articles on strategic decision making

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
<td>Standard Module of second term IBF program</td>
<td>Summer term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

**Workload**
4 ECTS-Credits x 30 hours = 180 hours combined out of:

- **Attendance**
  - Preparation Course
    - 3 Days * 3 Hours = 9 hours
  - Workshop
    - 4 days * 9 hours = 36 hours

- **Preparation / Homework / Self-study**
  - 5 days * 9 hours = 45 hours

- **Time for exercises and group work**
  - 15 weeks * 2 hours = 30 hours
<table>
<thead>
<tr>
<th>Semester project / Presentation</th>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 hours</td>
<td>30 hours for report and presentation</td>
<td>No Exam</td>
</tr>
</tbody>
</table>

**Prerequisite for the exam**

Attendance and participation in the strategic workshop.

<table>
<thead>
<tr>
<th>Exam requirements</th>
<th>Weighting in examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>----</td>
<td>• Written Report: 100 %</td>
</tr>
</tbody>
</table>
### Intercultural Management

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Hartmann, PhD</td>
<td>Michael Hartmann, PhD</td>
</tr>
</tbody>
</table>

**Content**

This course examines the relationship between culture and management and exposes the complexities of management in international business. This course will focus on the basic psychological and sociological constructs which underlie the formation and maintenance of both international culture as well as business cultures. Special attention will be placed on the impacts of globalization and the various risks of international trade and their impacts on the different business functions.

**Prerequisite for Participation**

- Second-Semester IBF

**Preparation / Suggested Reading**

- *The Social Construction of Reality*, Berger and Luckmann
- *Understanding Cultural Differences*, Hall and Hall
- *Organizational Culture and Leadership*, Schein
- *Cultures and Organizations*, Hofstede, Hofstede and Minkov
- *Managing Across Cultures*, Schneider and Barsoux
- Scholarly Articles

**Intendend learning outcomes**

- Psychological and sociological understanding of culture formation
- Basics of major cultural researchers and measurement models
- Difference between organizational and international cultures
- Development of Cultural Intelligence
- Understanding risks and precautionary measures of international business
- Understand the impact of globalization on culture and management

**Teaching & Learning methods**

- *Classroom Lecture*: Literature presentation, discussion and explanation
- *Classroom Workshops*: Applying the learned concepts and tools
- *Student Presentations*: Countries and articles

**Practicability of course within other courses of the program**

- The lecture should enable students to develop cultural intelligence and better understand the cultural influences on motivation of behavior.
- This course links in with the Corporate Governance and Business Ethics course as well as Managing People from the first semester.

**Literature**

- *The Social Construction of Reality*, Berger and Luckmann
- *Understanding Cultural Differences*, Hall and Hall
- *Organizational Culture and Leadership*, Schein
- *Cultures and Organizations*, Hofstede, Hofstede and Minkov
- *Managing Across Cultures*, Schneider and Barsoux
- Scholarly Articles
### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
<td>Summer term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

**Workload**

4 ECTS-Credits x 30 hours = 180 hours combined out of:

- **Attendance**
  
  15 weeks * 3 hours = 45 hours

- **Preparation / Homework / Self-study**
  
  15 weeks * 3 hours = 45 hours

- **Time for exercises and group work**
  
  15 weeks * 2 hours = 30 hours

- **Semester project / Presentation**
  
  See „Teaching and learning“
  
  30 hours

- **Exam preparation**
  
  30 hours

- **Exam time**
  
  120 minutes written exam

**Prerequisite for the exam**

Workshop participation

**Exam requirements**

---

**Weighting in examination**

- Written exam: 90%
- Workshops: 10%
### Content

*Strategic Corporate Finance* has received more and more attention, especially after the Global Financial Crisis in 2008. In the meantime *Strategic Corporate Finance* is besides Corporate Strategy the most important pillar for the board of an international corporation. We will take in our lecture a holistic *Strategic Corporate Finance* view. Therefore *Strategic Corporate Finance* includes a wide set of topics like:

- Strategic Corporate Financial Analysis and Planning
- Capital Structure, the Cost of Capital and Credit Ratings
- Payout Policy (Dividends) and Buybacks
- Strategic Corporate Finance and Business Life Cycle – from start up to growth to maturity
- The optimal Capital Structure in a time sequence
- The definition of “how much” a corporate should borrow
- Valuation and Financing
- Corporate Portfolio Management, Corporate Strategy and Strategic Corporate Finance
- Financial Strategies for M&A
- Financial Restructuring and Divestures
- Advanced Corporate Financial Risk Management

We will link the “*Strategic Corporate Finance*” lecture especially with the “*International Corporate Strategy and Strategic Consulting*” lecture to apply an integrated board view as nowadays applied in truly international corporations. Further we will use the *Strategic Corporate Finance* tool set on a series of interesting Corporate Finance Case Studies.

### Prerequisite for Participation

- Detailed understanding of basic Corporate Finance concepts, like Net Present Value, Perpetuities and Annuities with and without growth, the valuation of Bonds and Stocks, Portfolio Theory and Techniques. Therefore the lecture on “Project and Cases of Finance” of the first term of the IBF program is mandatory as the content of this lecture is a prerequisite.
- Furthermore a good understanding of Corporate Strategy is as well a must.

### Preparation / Reading


### Intendend learning outcomes

- Having been part of the “*Strategic Corporate Finance*” lecture students will have an extensive overview of typical Strategic Corporate Finance issues
- They understand how Strategic Corporate Finance Tools help an International Corporation to navigate in the global capital markets
- They develop competencies to define an optimized capital structure and dividend policy.
- They know the specifics of equity and debt market instruments
- As well they have a thorough understanding how Corporate Strategy and Corporate Finance Concepts interact
Teaching & Learning methods

Strategic Corporate Finance is based on the following learning methods

- Classroom sessions: Text book and article based presentations, discussion and explanations
- Case Studies: Applying the learned concepts and tools on real world problems
- New E-Learning concepts like FT online resources, ...
- Term Papers and presentations by students
- Best practice lectures by Blue Chip Corporates (CFOs, Treasurers, Consultants)

Practicability of course within other courses of the program

- The lecture should enable students to gain competencies they need if they want to kick off their career in an international corporation and especially in finance functions and departments
- This lecture is content wise intensively linked to the first term lecture on “Cases and Projects in Finance” as well as to the Electives in the third term like “Investment Banking and Structured Finance” and “International Treasury Management”
- The lecture is as well a perfect complement of the “International Corporate Strategy and Strategic Consulting” lecture of the second term

Literature

- Additionally a wide set of articles will be used

Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
</tr>
</tbody>
</table>

Kind of module

Compulsory module

Term

Summer Term

Duration

1 term

Workload

4 ECTS-Credits x 30 hours = 180 hours:

Attendance

15 weeks * 3 hours = 45 hours

Preparation / Homework / Self-study

15 weeks * 3 hours = 45 hours

Time for exercises and group work

15 weeks * 2 hours = 30 h.

Semester project / Presentation

See „Teaching and learning”

30 hours

Exam preparation

30 hours

Exam time

- 60 minutes presentation
- 60 minutes written exam

Prerequisite for the exam

Non

Exam requirements

Non

Weighting in examination

- Written exam: 50 %
- Term Paper (incl. presentation): 50 %
## Insurance, Banking and Securities Regulations

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Michael Feucht</td>
<td>Prof. Dr. Michael Feucht</td>
</tr>
</tbody>
</table>

### Content
- **Introduction:** The Need for Financial Regulation and Supervision – a Historical Approach
- **Supranational and National Supervisory Authorities and Standard-setting Institutions**
- **Overview:** Fields of Regulation in the Banking, Insurance and Securities Trading Industry
- **Student Research (supplemented by regular lectures)**
  - Basel III/CRD IV: Increasing Quantity and Quality of Supervisory Capital
  - Basel III/CRD IV: Enhancing Risk Coverage - Credit Risk
  - Basel III/CRD IV: Enhancing Risk Coverage - Market Risk
  - Basel III/CRD IV: Enhancing Risk Coverage - Operational Risk
  - Basel III/CRD IV: Supervisory Review Process
  - Basel III/CRD IV: Market Discipline
  - Basel III/CRD IV: Reducing Leverage in the Banking System
  - Basel III/CRD IV: Improving short-term and long-term Liquidity Standards
  - Solvency II: Overview
  - EMIR: Overview
- **An Outlook:** The Future of Global Financial Regulation and Supervision

### Prerequisite for participation
- Module M1 “Financial Market Decisions” is required as a prerequisite.
- A basic understanding of financial services industry (banking, insurance and securities trading) is necessary.

### Preparation / Reading
- For students who do not have sufficient knowledge about today’s global financial system, it is highly recommended to read Mishkin/Eakins, Financial Markets and Institutions (8th global ed. forthcoming in May 2015) before the class starts.

### Intended learning outcomes
- Learning from a history of financial crises, students understand the need for financial supervision and regulation on a global scale. They are able to critically reflect the shortcomings of former regulatory approaches (“lessons learned” from the past).
- Students acquire a thorough picture of today’s national and supranational supervisory authorities and institutions involved in the process of financial supervisory and regulatory standard-setting.
- Students understand the different pillars of today’s regulatory and supervisory framework and are able to develop recommendations for further improvement.
- By deeply researching and analyzing at least one specific detail of today’s framework, every student understands the operational challenges that financial institutions face when the rules have to be implemented. Potential negative effects of regulatory activities may be identified.

### Teaching & Learning methods
- Lecture including small historical case studies
- Questions for discussion/practical problems (as homework assignments)
- Research project: Each student has to do an in-depth analysis of a specific regulatory or supervisory topic and present his results in class
**Module Description Master Program International Business and Finance**

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>English</td>
<td>Part of the mandatory program for those students who – according to § 3 (2) of the statutes for the study program – chose to replace &quot;studies abroad&quot; by a 2nd semester in Augsburg.</td>
<td>Summer term</td>
<td>1 semester</td>
</tr>
</tbody>
</table>

**Workload**

4 ECTS-Credits: 120 hours combined out of:

- 18 hours lecture
- 18 hours preparation/homework/self-study
- 18 hours exercises and group work
- 48 hours for semester project and presentations
- 16 hours exam preparation
- 2 hours exam

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 weeks * 3 hours = 18 hours</td>
<td>6 weeks * 3 hours = 18 hours</td>
<td>12 weeks * 1.5 hours = 18 hours</td>
</tr>
</tbody>
</table>

**Semester Project / Presentation**

- 40 hours for scientific work
- 8 hours for presentations

**Exam preparation**

- 16 hours

**Exam time**

- 120 minutes

**Pre-requisite for the exam**

- All students have to work on a semester project. As a prerequisite for the exam, students have to hand in a 20 page scientific paper and present their topic in a 20 minute presentation plus 10 minutes discussion.

**Exam requirements**

- Pocket calculator
- No other material allowed in the exam („closed book“)
- Semester project and final exam are combined into one grade. They don’t have to be passed separately.

**Weighting in examination**

- Final grade:
  - 50% written exam
  - 25% scientific paper from research project
  - 25% presentation

**Literature**

- Official documents and legal texts provided by national and supranational supervisory authorities such as Basel Committee on Banking Supervision, European System of Financial Supervision, Bundesanstalt für Finanzdienstleistungsaufsicht (links provided in university’s learning management system Moodle)
- Supplemented by recent scientific papers and news reports to be either provided as online resources in Moodle or as paper copies in class
## International Guest Lecture

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Defined per term (2015 and 2016 by Bulent Aybar)</td>
<td>Prof. Dr. Thorsten Feix</td>
</tr>
</tbody>
</table>

### Content

**2015/16: World Economic Outlook**

**Introduction:**
- Foundations: An Overview of the Global Economy in the Last 50 Years
- Putting Global Economic Growth into a Perspective:
- Financial Crisis and Economic Output:
- Inflation, Deflation and Commodity Prices
- Policy Response and Implications

**Fiscal and Monetary Policy**
- Fiscal Policy
- Monetary Policy, Financial Markets and Flow of Funds
- Case Studies: US, Japan, Euro Area, China, Brazil

**External Payments, Trade, Capital Movements and Foreign Debt**
- Global Imbalances:
- Global Financial Crisis and Trade:
- Global Capital Flows
- Investment and Growth
- Case Studies: US, Japan, Euro Area, China, Brazil, India, Turkey

### Prerequisite for Participation

- Detailed understanding of basic Corporate Finance concepts and Global Financial Institutions. Therefore the lectures on “Project and Cases of Finance” and “Financial Economics, Financial Institutions and Monetary Policy” of the first term of the IBF program is mandatory as the content of these lectures is a prerequisite.
- Furthermore a good understanding of Emerging Markets and Monetary Policy is as well a must.

### Preparation / Reading

- Tbd individually by Guest Lecturer

### Intendend learning outcomes

- Having been part of the “International Guest Lectures” lecture students will have an indepth understanding of emerging market specifics and Global Financial Institutions
- They understand how to identify imbalances in external payments, trade, capital movements and foreign debt
- They develop competencies how international financial instabilities can be overcome by fiscal and monetary policy instruments
- They know the specifics of important regional financial markets
Teaching & Learning methods

Strategic Corporate Finance is based on the following learning methods

- Classroom sessions: Text book and article based presentations, discussion and explanations
- Case Studies: Applying the learned concepts and tools on regional capital market perspectives
- E-Learning concepts
- Presentations by students

Practicability of course within other courses of the program

- The lecture should enable students to gain competencies they need if they want to work and be successful within international financial organisations
- This lecture is content wise intensively linked to the first term lecture on “Cases and Projects in Finance” and “Financial Economics, Financial Institutions and Monetary Policy” as well as to the second term lecture on “Financial Regulation and Supervision”

Literature

- Tbd in detail by individual lecturer
- Stephen Pruitt (UMKC): “Central Bank Policy and Global Capital Markets” (incl. IMF global outlook)
- Stephen Pruitt (UMKC): “Corporate Governance and International Business” and “Non-Profit and Finance”
- IMF and World Bank reports and research papers

Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind of module</th>
<th>Term</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compulsory module</td>
<td>Summer Term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

Workload

<table>
<thead>
<tr>
<th>4 ECTS-Credits x 30 hours = 180 hours:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
</tr>
<tr>
<td>15 weeks * 3 hours = 45 hours</td>
</tr>
<tr>
<td>Preparation / Homework / Self-study</td>
</tr>
<tr>
<td>15 weeks * 3 hours = 45 hours</td>
</tr>
<tr>
<td>Time for exercises and group work</td>
</tr>
<tr>
<td>15 weeks * 2 hours = 30 h.</td>
</tr>
<tr>
<td>Semester project / Presentation</td>
</tr>
<tr>
<td>See „Teaching and learning”</td>
</tr>
<tr>
<td>30 hours</td>
</tr>
<tr>
<td>Exam preparation</td>
</tr>
<tr>
<td>30 hours</td>
</tr>
<tr>
<td>Exam time</td>
</tr>
<tr>
<td>60 minutes presentation</td>
</tr>
<tr>
<td>60 minutes written exam</td>
</tr>
</tbody>
</table>

Prerequisite for the exam

Non

Exam requirements

Non

Weighting in examination

- Written exam: 50 %
- Term Paper (incl. presentation): 50 %
Electives – three out of four in third term
The students have to choose out of a canon of four electives three for the third term.

Elective “Investment Banking & Structured Finance”

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Thorsten Feix</td>
<td>Prof. Dr. Thorsten Feix</td>
</tr>
</tbody>
</table>

Content
As a starting point it will be define what an Investment Bank and Structured Finance are and what not. Besides, the differences of an investment, commercial and retail banking business model, the Investment Banking market segments and players, as well as the historical development of the Investment Banking industry will be discuss in depth. Also the regulatory environment is framed. After this introduction the focus is on the different service lines of Investment Banks, like:

- Private Equity, Venture Capital and Leveraged Buyouts
- M&A advisory (incl. hostile takeovers)
- Corporate Finance: Equity (IPO) and debt Underwriting
- Structured Finance and Capital Markets
- Corporate Restructurings on Asset and Debt side
- Sales, Trading and Brokerage (Equity, Fixed Income, Financial Instruments)
- Asset Management

Prerequisite for participation
- Good understanding of Corporate Finance, banking industry and products as well as capital market (segments)
- First Term lecture on “Project and Cases in Finance”

Preparation / Reading

Intendend learning outcomes
- Know about the new regulatory environment of Investment Banking
- In depth understanding of the Investment Banking business model, it’s products and services and how they serve today’s capital market needs
- Use and Apply typical Investment Banking products and services
- Critical reflection of the pro’s and con’s of the different tools mirrored with the Global Financial Crises (GFC) and Risk Management approaches

Teaching & Learning methods
“Investment Banking and Structure Finance” is based on:
- Classroom sessions: Classical teaching lessons as well as case studies. Discussions and interactive learning are key targets
- Case Studies: Applying the learned concepts and tools
- Term Papers and presentations by students
- Best practice lectures by Blue Chip Investment Banks

Practicability of course within other courses of the program
- The Elective “Investment Banking” is in many aspects closely linked to the Elective “Advanced M&A Management” and especially via the capital market topics to the lective “Treasury Management”
- Precondition is the lecture “Projects & Cases of Finance” of the first term
### Literature

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>English</td>
<td>Winter Term</td>
<td>1 term</td>
</tr>
</tbody>
</table>

### Workload
- 4 ECTS-Credits: 120 hours combined out of:

  - **Attendance**
    - 15 weeks * 1,5 hours = 22,5 hours

  - **Preparation / Homework / Self-study**
    - 15 weeks * 1,5 hours = 22,5 hours

  - **Time for exercises and group work**
    - 15 weeks * 2 hours = 30 hours

  - **Semester project / Presentation**
    - 30 hours

  - **Exam preparation**
    - 15 hours

  - **Exam time**
    - 60 minutes presentation
    - 60 minutes written exam

### Prerequisite for the exam
- Non

### Exam requirements
- Non

### Weighting in examination
- Final grade:
  - 50% Written Exam
  - 50% Term Paper and Presentation
Electives – three out of four in third term
The students have to choose out of a canon of four electives three for their third term.

Elective "Advanced M&A Management"

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Thorsten Feix</td>
<td>Prof. Dr. Thorsten Feix</td>
</tr>
</tbody>
</table>

**Content**
As a first step the blueprint of a tailor made M&A process model with the three main steps M&A strategy, M&A transaction, and M&A integration and the two "support activities" synergy management and process management will be designed. After an overview of the global M&A market, it's players and segments the key pillars of any transaction along the process model, like:

- M&A strategy
- Value creation and price
- M&A valuation techniques
- Due Diligence
- Purchase Price Allocations
- Post Merger Integration
- Impairment tests

will be analyzed.

**Prerequisite for Participation**
- Fundamental understanding of Corporate Finance and capital markets
- First Term lecture on “Project and Cases in Finance”

**Preparation / Reading**

**Intendend learning outcomes**
- Having an overview of the M&A process and it’s critical milestones
- Understand, how corporate strategy, portfolio management and M&A interact
- Understand the difference between price and value
- Get a thorough understanding of valuation techniques
- Understand the success factors of Due Diligence and PMI
- Get familiar with Purchase Price Allocations and Impairments
- Do it: case studies, case studies, case studies...
- Selected corporate lectures and cases of Blue Chip M&A practitioners (like Investment Banks, Big 4, leading international Corporates)

**Teaching & Learning methods**
“Advanced M&A Management” is based foremost on the following learning methods:
- Classroom sessions: We will have classical teaching lessons as well as case studies
- Discussions and interactive learning are key targets
- Case Studies: Applying the learned concepts and tools
- Term Papers and presentations by students
- Best practice lectures by blue chip M&A practitioners (as a supplement with real world examples)
Practicability of course within other courses of the program

- Especially the valuation techniques, which are based on Free Cash Flows, have a close link to the Elective “International Treasury Management” and the first term lecture on “Project & Cases in Finance”
- As investment banks are key players within the M&A market there is also a close link to the Elective “Investment Banking and Structured Finance”
- The Elective “Risk Management” is relevant for the PMI phase

Literature

M&A Strategy:

Valuation:

Due Diligence:

Post Merger Integration:

Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>English</td>
</tr>
</tbody>
</table>

Kind of module
- Elective module

Turnus
- Winter Term

Duration
- 1 semester

Workload

4 ECTS-Credits: 120 hours combined out of:

- Attendance
  - 15 weeks * 1.5 hours = 22.5 hours

- Preparation / Homework / Self-study
  - 15 weeks * 1.5 hours = 22.5 hours

- Time for exercises and group work
  - 15 weeks * 2 hours = 30 hours

- Semester project / Presentation
  - 30 hours

- Exam preparation
  - 15 hours

- Exam time
  - 60 minutes presentation
  - 60 minutes written exam

Prerequisite for the exam
- Non

Exam requirements
- Non

Weighting in examination
- Final grade:
  - 50% Written Exam
  - 50% Term Paper and Presentation
Electives – three out of five
The students have to choose out of a canon of four electives three for their third term.

<table>
<thead>
<tr>
<th>Elective “Advanced Risk Management”</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lecturer</strong></td>
</tr>
<tr>
<td>Prof. Dr. Michael Feucht</td>
</tr>
</tbody>
</table>

**Content**
- Introduction to financial institutions (banks, insurance companies and pension plans, mutual funds and hedge funds)
- Financial instruments (including non-traditional derivatives, exotic options and structured products)
- How traders manage their exposure
- Market Value at Risk
- Volatility
- Correlation and Copulas
- Interest Rate Risk (including duration and convexity)
- Credit Risk and Credit VaR
- Asset Backed Securities and Credit Default Options
- Overview: Operational Risk and Liquidity Risk
- Critical discussion: Model Risk and mistakes to avoid

**Prerequisite for participation**
- Module M1 is required as a prerequisite

**Preparation / Reading**
- The course is closely following certain chapters from Hull, Risk Management and Financial Institutions (Wiley 2012)
- Additional reading is provide in class

**Intended learning outcomes**
- Based upon the knowledge of Module M1 (Financial Market Decisions) about stock market, currencies and interest rates, students obtain a more detailed understanding of mathematical models for the behavior of standard financial derivatives (futures, options, swaps)
- Modern approaches to model financial risk are derived and discussed
- Students apply the acquired knowledge to empirically test the models in the faculty’s Finance & Research Lab
- They learn how to analyze structured financial products
- They understand how financial institutions (banks, insurance companies, funds) manage financial risk and critically reflect the shortcomings of the models discussed in class

**Teaching & Learning methods**
- Lecture including small case studies
- Questions for discussion/practical problems (as homework assignments)
- “Semester project” organized in small groups

**Practicability of course within other courses of the program**
- The module is one of the three electives the students have to choose in the third the semester out of a canon of five electives

**Literature**
- Recent scientific papers and news reports to be provided in class
### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2 (blocked in 6 weeks with 4 lecture hours each and 2 weeks with semester project presentations)</td>
<td>English</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind of module</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective module</td>
<td>Winter term</td>
<td>1 semester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Workload</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ECTS-Credits: 120 hours combined out of:</td>
<td></td>
</tr>
<tr>
<td>- 18 hours lecture</td>
<td></td>
</tr>
<tr>
<td>- 18 hours preparation/homework/self-study</td>
<td></td>
</tr>
<tr>
<td>- 18 hours exercises and group work</td>
<td></td>
</tr>
<tr>
<td>- 48 hours for semester project and presentations</td>
<td></td>
</tr>
<tr>
<td>- 16 hours exam preparation</td>
<td></td>
</tr>
<tr>
<td>- 2 hours exam</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 weeks * 3 hours = 18 hours</td>
<td>6 weeks * 3 hours = 18 hours</td>
<td>12 weeks * 1.5 hours = 18 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Semester Project / Presentation</th>
<th>Exam preparation</th>
<th>Exam time</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 40 hours for scientific work</td>
<td>16 hours</td>
<td>120 minutes</td>
</tr>
<tr>
<td>- 8 hours for presentations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Prerequisite for the exam

- Homework presentation (at least once)
- All students have to work on a semester project. As a prerequisite for the exam, students have to hand in a 20 page scientific paper and present their topic in a 20 minute presentation plus 10 minutes discussion.

### Exam requirements

- Pocket calculator
- No other material allowed in the exam (“closed book”)
- Semester project and final exam are combined into one grade. They don’t have to be passed separately.

### Weighting in examination

Final grade:
- 50% written exam
- 25% scientific paper from semester project
- 25% presentation
**Electives – three out of four**
The students have to choose out of a canon of four electives three for the third term.

**Elective “International Treasury Management”**

<table>
<thead>
<tr>
<th>Lecturer</th>
<th>Module coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Thorsten Feix</td>
<td>Prof. Dr. Thorsten Feix</td>
</tr>
</tbody>
</table>

**Content**
The entrée will be the discussion of the key goals and targets of the CFO and his International Treasury Team. Additionally the key principles of Corporate Finance theory, like the definition of Free Cash Flows, investment decisions, finance decisions, Financial Risks and Exposures, FX rate definitions will be reviewed in brief. Based on those fundamentals, the focus will be on:

- **Role and targets of the International Treasury Department and the CFO**
- **Cash Management**: Cash transfer methods, cash forecasting, cash concentration / pooling, Clearing and Settlement Systems, Treasury systems technology (incl. SWIFT connectivity)
- **Risk Management**:
  - Foreign Exchange Risk Management
  - Interest Rate Risk Management
  - Commodity Price Risk Management
  - Instruments: Forwards, Futures, Swaps, Options
  - Operating Exposure vs. Transaction Exposure
- **Corporate Finance**:
  - Internal vs. external funds of financing
  - The optimal Capital Structure
  - Dividends vs. Buybacks
  - Key tools of internal financing (focused on working capital management)
  - Key tools of debt market financing (DCM)
  - Key tools of equity market financing (ECM)
- **Strategic Investment Decisions**
- **Treasury department architectures**
- **Banking & FinTech Relationships (Counter Party Management)**

**Prerequisite for participation**
- Fundamental understanding of Corporate Finance, the banking industry, products and services as well as Capital Market structures and theories
- First Term lecture on “Project and Cases in Finance”

**Preparation / Reading**
**Intended learning outcomes**
- As cash management and counterparty, as well as banking risks gets more and more important, International Treasury Management moves to a center role of Corporate Finance and Strategy.
- The Elective “International Treasury Management” sets the ground for a detailed understanding of the role of the Treasury Management within the International Capital Markets and on the other side within the own corporation.
- Students are able to apply the modern tools of Treasury Management.
- Students evaluate the trade-off between risk and return and integrate the financial decisions within a holistic risk management view.

**Teaching & Learning methods**
“Treasury Management” is based on:
- **Classroom sessions**: Classical teaching lessons
- **Case studies, discussions and interactive learning**
- **Different e-learning and web-based Treasury sites**
- **Best practice lectures** by Blue Chip Corporate Treasury heads

**Practicability of course within other courses of the program**
- The first term lecture on “Project and Cases in Finance” is the bedrock for this lecture and therefore mandatory.

**Literature**
Key literature references will be:

**Course organisation**

<table>
<thead>
<tr>
<th>Course organisation</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ECTS-Credits</strong></td>
<td><strong>SWS</strong></td>
<td><strong>Language</strong></td>
<td><strong>Kind of module</strong></td>
</tr>
<tr>
<td>4</td>
<td>2</td>
<td>English</td>
<td>Elective module</td>
</tr>
<tr>
<td><strong>Turnus</strong></td>
<td><strong>Duration</strong></td>
<td><strong>Workload</strong></td>
<td>4 ECTS-Credits: 120 hours, combined out of:</td>
</tr>
<tr>
<td>Winter Term</td>
<td>1 semester</td>
<td>4 Attendance</td>
<td>15 weeks * 1,5 hours = 22,5 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Preparation / Homework / Self-study</td>
<td>15 weeks * 1,5 hours = 22,5 hours</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Time for exercises and group work</td>
<td>15 weeks * 2 hours = 30 hours</td>
</tr>
<tr>
<td>Semester project / Presentation</td>
<td>Exam preparation</td>
<td>Exam time</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>-----------------</td>
<td>-----------</td>
<td></td>
</tr>
<tr>
<td>30 hours</td>
<td>15 hours</td>
<td>60 minutes presentation</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 minutes written exam</td>
<td></td>
</tr>
</tbody>
</table>

**Prerequisite for the exam**  
- Non

**Exam requirements**  
- Non

**Weighting in examination**  
Final grade:  
- 50% Written Exam  
- 50% Term Paper and Presentation
### Master Thesis

**Lecturer / Module coordinator**  
Students must choose one research coordinator from the professors and lecturers of the business faculty.

**Content**
- The Master Thesis is targeted to be written during the third term.
- The Master Thesis topic should be research-based. However, in order to promote the student’s practical capabilities, it is appreciated if the Master’s Thesis is written in cooperation with a Blue Chip company, Investment Bank or M&A Advisory (incl. Big 4). The theoretical and practical sections of the Master Thesis should relate to each other in a meaningful way. The theoretical portion should comprise at least 30% of the paper.
- The Master Thesis must be personally presented and defended before a committee of professors. The final grade will be based on both the written paper as well as the presentation.
- The Master’s Thesis must be delivered as two printed and bound copies. In addition, the Thesis must be turned in as a MS-Word file on a CD. If citations or references come from websites on the Internet, students must also save copies of the website in a separate folder on the CD.

**Prerequisite for participation**
- Having successfully completed the first term

**Preparation / Reading**
- Depending on the topic

**Intended learning outcomes**
- Within the Master Thesis the student must demonstrate his or her ability to deal with complex theories and problems based on independent scientific research.

**Teaching & Learning methods**
- Independent scientific research might involve quantitative and / or qualitative methods, theory based research and development, analysis of financial and business data, and a formal defense of the paper and the results before a committee.

**Literature**
- Academic literature based on research topic.

### Course organisation

<table>
<thead>
<tr>
<th>ECTS-Credits</th>
<th>SWS</th>
<th>Language</th>
<th>Turnus</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>./.</td>
<td>English</td>
<td>Winter term (might also last till the summer term, depending on the application date).</td>
<td>1 semester</td>
</tr>
</tbody>
</table>

The Master Thesis may be written in a language other than English if the Board of Examiners approves.
**Workload**

- 70-80 pages of text (not including Title Page, Table of Contents, List of Literature used and Appendix). Any deviation from the number of pages must be agreed upon by the research coordinator.
- Formal parameters for the paper: Font: Arial 11 pt. with 1.5 Line Spacing; The line spacing and font size for footnotes should be smaller. Left Margin should be 3 cm, the rest of the margins may be max. 2.5 cm.

<table>
<thead>
<tr>
<th>Attendance</th>
<th>Preparation / Homework / Self-study</th>
<th>Time for exercises and group work</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Project / Presentation</td>
<td>Exam preparation</td>
<td>Exam time Four months</td>
</tr>
</tbody>
</table>

**Prerequisite for the exam**

- Exam requirements
  - Scientific paper and presentation

**Weighting in examination**

- Scientific paper and presentation