Module Catalog

„Mannheim Master in Management“
(M.Sc.)

University of Mannheim

(Last update: 15.01.2018)
Structure and Conception of the Program

The "Mannheim Master in Management" (MMM) offers a unique curriculum that allows through specializations within the areas or the covering of a wide range of different business subjects a completely flexible design of the study plan. The study concept is complemented through an involvement of neighboring university disciplines, compulsory courses in Methods and Key Qualifications such as corporate social responsibility and a specific offer in Business Economics from the field of economics. Under examination regulations the program thus includes the following fields of studies:

- Methods and Key Qualifications (16 ECTS credits)
- Business Economics (12 ECTS credits)
- Business Administration (44-68 credits)
- Elective (0-24 ECTS credits)
- Master’s Thesis (24 ECTS credits)

Distinctive for the "Mannheim Master in Management” is next to the high degree of professional specialization, its international orientation. Besides the possibility to apply for a study abroad, the students of the MMM have the opportunity to participate in a double degree program. For outstanding students pursuing an academic career, an interface with a structured doctoral study program was introduced at the Center for Doctoral Studies in Business (CDSB), which makes it possible to shorten the time to receive the PhD.

In the “Mannheim Master in Management” the following superordinated program-specific learning goals (LG) will be covered:

- **Profound subject-specific knowledge** - Students understand and apply the theoretical and conceptual foundations in pivotal business domains. (LG 1)
- **Enhanced proficiency in research methods** - Students show a profound understanding of research methods. (LG 2)
- **Managerial problem-solving skills** - Students are able to identify, understand and analyze managerial decision problems, develop solution options and apply contemporary techniques to improve decision-making. (LG 3)
- **Social responsibility** - Students are able to critically reflect on approaches to ethical decision-making in managerial actions. (LG 4)
- **Scientific research capabilities** - Students independently demonstrate high standards of scientific research in the analysis and solving of pivotal business problems. (LG 5)
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Part I: Summary of the modules

This summary contains all modules offered by the different areas of the Faculty of Business Administration. Detailed information on the modules can be found in Part II.

1. Core Competences

<table>
<thead>
<tr>
<th>No. of module</th>
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<th>ECTS</th>
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<th>FSS(^2)</th>
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<td>CC 502</td>
<td>Applied Econometrics</td>
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<td>CC 503</td>
<td>Empirical Methods</td>
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<td>CC 504</td>
<td>Corporate Social Responsibility</td>
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2. Business Economics

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<tr>
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<td>Business Economics I</td>
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3. Business Administration

3.1. Regular Course Offer

3.1.1. Area “Accounting and Taxation“

Level 500 courses

<table>
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<tr>
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<td>Group Accounting</td>
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<td>ACC 512</td>
<td>Financial Accounting</td>
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<td>ACC 513</td>
<td>Group Accounting in Practice</td>
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<td>ACC 531</td>
<td>Company Valuation</td>
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<td>ACC 532</td>
<td>Financial Statement Analysis &amp; Equity Valuation</td>
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<td>TAX 510</td>
<td>Basics of Business Taxation</td>
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<td>TAX 520</td>
<td>Taxation of Companies</td>
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\(^1\) HWS: fall semester  
\(^2\) FSS: spring semester  
\(^3\) E: language of instruction: English  
\(^4\) G: language of instruction: German
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<td>Taxation of Businesses and Individuals</td>
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**Level 600 courses**

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<tbody>
<tr>
<td>ACC 620</td>
<td>Accounting for Financial Instruments &amp; Financial Institutions</td>
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<td>ACC 624</td>
<td>Company Valuation Practice</td>
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<td>ACC 630</td>
<td>Integrated Controlling 1</td>
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<td>Value based Risk-Controlling and -Management in Banking</td>
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<td>Case Studies in the context of Value based Risk-Controlling and -Management in Banking</td>
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<td>TAX 610</td>
<td>International Business Taxation (German)</td>
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<td>Empirical Research in Taxation</td>
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<td>International Business Taxation (English)</td>
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<td>Tax Planning</td>
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**Level 700 courses**

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**3.1.2. Area “Banking, Finance, and Insurance“**

**Level 500 courses**

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<td>FIN 500</td>
<td>Investments</td>
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<td>FIN 540</td>
<td>Corporate Finance I - Lecture (Capital Structure, Cost of Capital and Valuation)</td>
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<td>Corporate Finance I – Case Study (Capital Structure, Cost of Capital and Valuation)</td>
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<td>FIN 560</td>
<td>Risk Management of Insurance Companies</td>
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<td>FIN 561</td>
<td>Investment Management of Insurance Companies</td>
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<td>FIN 580</td>
<td>Derivatives I: Basic Strategies and Pricing</td>
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<td>International Course – Banking, Finance, and Insurance</td>
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**Level 600 courses**

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<tbody>
<tr>
<td>FIN 601</td>
<td>Bond Markets</td>
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<td>Behavioral Finance</td>
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<td>Corporate Governance</td>
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**Level 700 courses**

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<tr>
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<td>Seminar in Financial Markets</td>
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<td>FIN 720</td>
<td>Seminar in Banking and Behavioral Finance</td>
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<tr>
<td>FIN 740</td>
<td>Seminar in Corporate Finance</td>
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<td>FIN 760</td>
<td>Seminar in Seminar in Risk Management and Insurance</td>
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<tr>
<td>FIN 780</td>
<td>Seminar in Asset Management &amp; International Finance</td>
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**3.1.3. Area “Information Systems“**

**Level 500 courses**

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<tr>
<td>IS 510</td>
<td>Process Management</td>
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<td>IS 512</td>
<td>IT Management in the Digital Age</td>
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<td>IS 513</td>
<td>Applied IT Management in the Digital Age</td>
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<tr>
<td>IS 540</td>
<td>Management of Enterprise Systems</td>
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### Level 500 courses

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<tr>
<td>IS 541</td>
<td>Theories and Methods in Information Systems</td>
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<td>IS 553</td>
<td>System Software</td>
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<td>IS 554</td>
<td>Computational Thinking</td>
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<td>IS 555</td>
<td>Computational Thinking II</td>
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<td>IS 550</td>
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### Level 600 courses

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<td>Business Intelligence and Business Analytics Systems</td>
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<td>Applied Project in Design Thinking and Lean Software Development</td>
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<td>IS 614</td>
<td>Corporate Knowledge Management</td>
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<td>IS 625</td>
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<td>Self-organizing Systems</td>
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<td>Product Management and Product Design for Software</td>
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<td>IS 651</td>
<td>Behavioral Perspectives on E-Business</td>
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<td>IS 722</td>
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<td>IS 742</td>
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<td>IS 751</td>
<td>E-Government Adoption and Societal Change</td>
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### 3.1.4. Area “Management“

#### Level 500 courses

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<tbody>
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#### Level 600 courses

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<td>MAN 632</td>
<td>Advanced Entrepreneurship</td>
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<td>Entrepreneurial Spirit</td>
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<td>MAN 645</td>
<td>Leadership and Motivation</td>
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<td>HR Analytics</td>
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<td>MAN 647</td>
<td>Strategic and International Human Resource Management</td>
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<td>Mergers &amp; Acquisitions</td>
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<td>A Scientific Introduction into Public and Nonprofit Management</td>
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<td>Selected Topics in Organizational Behavior</td>
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<td>Organization Theory</td>
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<td>MAN 693</td>
<td>Strategic Intellectual Property Management</td>
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**Level 700 courses**

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**3.1.5. Area “Marketing and Sales“**

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<td>MKT 545</td>
<td>Customers, Markets and Firm Strategy</td>
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**3.1.6. Area “Operations Management“**

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<td>Transportation I – Land Transport and Shipping</td>
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<td>OPM 504</td>
<td>Transportation II - Aviation</td>
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<td>Production Management: Lean Approaches and Variability</td>
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<td>OPM 661</td>
<td>Business Analytics: Robust Planning in Stochastic Systems</td>
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<td>OPM 662</td>
<td>Business Analytics: Modeling and Optimization</td>
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<td>OPM 682</td>
<td>Revenue Management</td>
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**3.2. Changing Course Offer**

**3.2.1. Area “Accounting and Taxation”**

**Level 500 courses**

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<td>ACC 514</td>
<td>International Financial Reporting &amp; Analysis</td>
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<td>ACC 573</td>
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Courses of the changing course offer (blue) will take place only once or irregularly.
## Level 600 courses

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<td>TAX 661</td>
<td>Case Studies in International Tax Planning</td>
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### 3.2.2. Area “Banking, Finance, and Insurance“

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<td>Trading and Exchanges</td>
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<td>FIN 603</td>
<td>Empirical Finance</td>
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<td>FIN 660</td>
<td>Quantitative Risk Management</td>
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<td>FIN 682</td>
<td>International Asset Management</td>
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## Level 700 courses

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<td>Seminar Corporate Governance</td>
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<td>FIN 750</td>
<td>Seminar in Financial Systems and Development Finance</td>
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### 3.2.3. Area “Information Systems“

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<td>Design Thinking and Lean Development in Enterprise Software Development</td>
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### 3.2.4. Area “Management“

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<td>Creativity and Entrepreneurship in Practice</td>
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<td>MAN 635</td>
<td>Social Entrepreneurship: Targeting Social Capital through Ecopreneurship</td>
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<td>MAN 636</td>
<td>International Entrepreneurship and Managing Change</td>
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<td>Managing Ethical Decision-Making in the Nonprofit Sector</td>
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<td>Selected Challenges in Public Management</td>
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<td>Project Course IMP3rove – Innovation Management in Practice</td>
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<td>Research Seminar “Doing Qualitative Research in Public &amp; Nonprofit Management“</td>
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### 3.2.5. Area “Marketing and Sales“

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<td>Consumer Behavior</td>
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### 3.2.6. Area “Operations Management“

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<td>Cases on Current Issues in Supply Chain Management</td>
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<td>OPM 546</td>
<td>Innovation Management &amp; Operations</td>
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<td>Technology and Operations Strategy</td>
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<td>Integrated New Product Development</td>
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<td>OPM 667</td>
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3.3. Business Research

The credit points obtained for Ph.D.-level modules can only be transferred to the Master program after a successful application and admission into the “Business Research” program. More detailed information is available at the Center for Doctoral Studies in Business (CDSB).

4. Elective

4.1. Business Education

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4.2. Computer Science

| Computer Science I     | 8  |
| Computer Science II    | 8  |
| Algorithms und Data Structures | 8  |
| Database Systems I     | 8  |

4.3. Business Law

Information on individual courses can be found in Part II of the Module Catalog.

4.4. Politics

| Introduction to Political Science | 6  |
| Introduction to the Political System of the Federal Republic of Germany | 6  |
| Introduction to Political Sociology | 6  |
| Introduction to Comparative Government | 6  |
| Introduction to International Relations | 6  |
| Selected Topics of Comparative Government | 7  |
| Selected Topics of Political Sociology | 7  |
| Selected Topics of International Relations | 7  |
4.5. Mathematics

4.5.1 Mathematics for students without skills in Mathematics

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<td>Analysis II</td>
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4.5.2 Mathematics for students with skills in Mathematics

Information on individual courses can be found in Part II of the Module Catalog.

4.6. Psychology

Information on individual courses can be found in Part II of the Module Catalog.

4.7. English and American Studies

Information on individual courses can be found in Part II of the Module Catalog.

4.8. German Studies

Information on individual courses can be found in Part II of the Module Catalog.

4.9. Romance Studies

Information on individual courses can be found in Part II of the Module Catalog.

4.10. History

Information on individual courses can be found in Part II of the Module Catalog.

4.11. Philosophy

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4.12. Sociology

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4.13. Economics

Information on individual courses can be found in Part II of the Module Catalog.

4.14 Asian Studies

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5. Master’s Thesis

Information on the prerequisites of the Masters Thesis can be found in Part II of the Module Catalog.
Part II: Detailed information on the modules

1. Core Courses

Modules CC 501 and CC 504 are mandatory courses. In addition, either Module CC 502 or Module CC 503 have to be taken. Completion of both modules is not allowed.

### Module: CC 501 Decision Analysis

**Contents:**
In this course we discuss methods and concepts that were developed to support and improve rational decision making in various areas of application. We will cover decisions under certainty and risk (EUT), decisions with single and multiple objectives, and decisions given incomplete information about probabilities or preferences. The course also covers descriptive decision theories such as Prospect Theory. An introduction into probability calculus including Bayes Theorem will be given. We will also discuss various visualization techniques such as decision trees and decision matrices.

**Learning outcomes:**
After completing the course students will know about rational decision processes, and how to structure and visualize decision problems. They will be able to use decision analysis techniques at an easy level to deal with multiple objectives, risk, intertemporal outcomes and incomplete information. Moreover they will know about typical behavioural findings that conflict with the prescriptive methods.

**Prerequisites:**
- **Formal:**
  
- **Recommended:** Every student participating in this course should have completed the 2-semester finance module of the Mannheim Bachelor program (or equivalent courses). The lecture generally assumes basic knowledge in mathematics (calculus, optimization) and statistics (mean, variance, standard deviation).

**Obligatory registration:** no

**Further information on registration:** -

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<tr>
<td>Exercise class</td>
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ECTS in total 6

**Form of assessment**
Written exam (90 min.)

**Preliminary course work**
-

**Lecturer/Person in charge**
Dr. Jan Schoenfelder

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
English

**Program-specific educational goals**
LG 3

**Grade**
graded

**Range of application**
Module: CC 502 Applied Econometrics

Contents:
In this module we will first review some essential statistical concepts, including probability, random variables, distributions, correlation, sampling, estimation, confidence intervals and hypothesis testing. The second part will provide a treatment of the principles and uses of simple and multivariate linear regression analysis. We will consider how results from such analyses can be interpreted and applied in the context of managerial decision-making. Furthermore, the limitations and potential pitfalls of econometric techniques will be discussed.

Learning outcomes:
By the end of the module students will have
- a sound understanding of key statistical concepts and techniques,
- familiarity with the principles and core techniques of econometric analysis and how regression results can be interpreted,
- skills in the practical application of relevant quantitative methods.

Prerequisites:
Formal: Not taken Module CC 503
Recommended: Knowledge of introductory statistics at bachelor level

Obligatory registration: no
Further information on registration: -

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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Dr. Helmut Farbmacher

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 2, LG 5

Grade graded

# Module: CC 503 Empirical Methods

## Contents:
Theoretical foundations of empirical research. Statistical foundations of empirical research (key summary statistics, important theoretical probability distributions, methodology of hypothesis testing and key test statistics). Introduction to qualitative empirical research. Introduction to experimental empirical research. Introduction to survey-based empirical research. Introduction to empirical research based on secondary data.

## Learning outcomes:
Participants understand the epistemological possibilities and limitations of empirical research in the domain of business administration. Participants are capable to describe a dataset using appropriate summary statistics and test simple hypotheses about the structure of the data. Participants know the general approach to conducting qualitative studies, experimental studies, survey-based studies and studies based on secondary data. Participants understand fundamental methods for analyzing causal relationships (particularly ANOVA and analysis of regression). They are able to properly interpret results form these methods.

## Prerequisites:
- **Formal:** Do not take Module CC 502
- **Recommended:** -

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<td>Jun.-Prof. Dr. Arnd Vomberg</td>
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</table>
Module: CC 504 Corporate Social Responsibility

Contents:
The lecture deals with the topic “Corporate Social Responsibility” (CSR) and its related backgrounds. The focus is on the discussion about the relation between profits and responsibility. For this purpose, theoretical CSR foundations as well as practical CSR competencies are imparted. It is presented that CSR is an investment in the conditions of long-term business success. One of the central questions is how CSR can be managed under competitive pressure. Managerial challenges in the field of CSR are illustrated by case studies.

Learning outcomes:
The lecture sensitizes participants for the relevance of ethical questions in daily business. The imparted knowledge enables students to handle the prominent term “Corporate Social Responsibility” appropriately. In particular, students are able to define the scope and the limits of CSR with reasonable care. The imparted competencies allow students to structure and to handle ethical challenges in management.

Prerequisites:
Formal: -
Recommended: -
Obligatory registration: no
Further information on registration: -

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ECTS in total 4

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Laura Marie Schons

Duration of module 1 Semester

Offering Fall semester and Spring semester

Language English

Program-specific educational goals LG 4, LG 5

Grade graded

Module: BE 510 Business Economics I

Contents:
In this module we will examine strategic behavior and efficiency in the context of business decisions from a microeconomic perspective. An important aim is to convey an understanding of how economists approach these issues and to introduce participants to some economic concepts that may be helpful in making sense of how businesses and other organizations operate. Using these concepts we will study the decision-making behavior of individuals, analyze incentive mechanisms within organizations and investigate the economics of bargaining and information.

Learning outcomes:
By the end of the module students will have
- the ability to apply economic reasoning in the context of economic organizations,
- an understanding of model-based analytical methods and arguments in managerial and personnel economics,
- familiarity with relevant economic and game-theoretical concepts under both full and incomplete information.

Prerequisites:
Formal: -
Recommended: Knowledge of introductory microeconomics at bachelor level

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ECTS in total: 6

Form of assessment: Written exam (90 min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Henrik Orzen

Duration of module: 1 semester. Both the lecture and the exercise class will be held in two parallel, identical streams to allow smaller class sizes.

Offering: Fall semester

Language: English

Program-specific educational goals: LG 5

Grade: graded

Module: BE 511 Business Economics II

Contents:
Building on BE 510 Business Economics I, this module will provide an introduction to economic models of strategic decision-making and behavior of firms in the context of oligopolistic competition. Topics will include output and pricing strategies, the economics of collusion, market structure, market entry decisions and product differentiation. Some of these topics require a degree of analytical rigor and we will make use of some game-theoretical and mathematical methods.

Learning outcomes:
By the end of the module students will have
- the ability to apply economic reasoning in the context of oligopolistic competition,
- an understanding of model-based analytical methods and arguments,
- familiarity with basic game-theoretic models of industrial organization.

Prerequisites:
Formal: -
Recommended: Knowledge of introductory microeconomics at bachelor level, BE 510

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3. Business Administration
In what follows, you find the core offer of the different Areas within the Business School of the University of Mannheim. You can choose which modules you complete taking into account the Examination Regulations and possible requirements for the respective module. Furthermore, there are additional changing modules you can attend which can be found in the ‘Varying Course Offer’ in chapter 3.2. Generally, level 500 modules convey the fundamentals while level 600 modules often already build upon this basic knowledge (please refer to the module descriptions for details). Level 700 modules indicate seminars and are hence significant for the Master thesis.

3.1. Regular Course Offer

3.1.1. Area “Accounting and Taxation“

<table>
<thead>
<tr>
<th>Module: ACC 511 Group Accounting</th>
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<tr>
<td><strong>Contents:</strong> The course covers the preparation and interpretation of consolidated financial statements based on IFRS and German GAAP. All consolidation and elimination entries necessary to combine the separate balances and to eliminate the inter company transactions are introduced. In addition, analytical theoretical models explaining the fundamental approaches to group accounting presented in the course are discussed.</td>
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<td><strong>Learning outcomes:</strong> Students know the regulations for group accounting. Based on these regulations, students are able to prepare consolidated financial statements. They learn how consolidation methods impact the consolidated financial statement and are able to interpret group reports.</td>
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<td><strong>Prerequisites:</strong></td>
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<td><strong>Formal:</strong> -</td>
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<td><strong>Recommended:</strong> Thorough understanding of financial statements and underlying accounting rules and accounting theory, knowledge of accounting and measurement principles, principles of book keeping.</td>
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**Form of assessment** Written exam (90 min.) or oral exam
**Preliminary course work** -
**Lecturer/Person in charge** Prof. Dr. Dirk Simons
**Duration of module** 1 semester
**Offering** Fall semester
**Language** English
**Program-specific educational goals** LG 1
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Module: ACC 512 Financial Accounting

Contents:
After an overview of the concept and system of German GAAP, the course describes the capitalization, passivation and valuation norms of the system. In the exercise class, the norms are discussed by means of case studies.

Learning outcomes:
Students are able to describe and critically analyze the capitalization, passivation and valuation norms of German GAAP. They can apply these norms to an accounting problem.

Prerequisites:
Formal: -
Recommended: Bachelor-knowledge of financial accounting

Obligatory registration: yes
Further information on registration: “Student Portal”

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ECTS in total: 6

Form of assessment: Solving and presenting a case study, 30%; written exam (60 min.), 70%.

Preliminary course work: -

Lecturer/Persin charge: Prof. Dr. Jens Wüstemann

Duration of module: 1 semester

Offering: Spring semester

Language: German

Program-specific educational goals: LG 1, LG 3, LG 5

Grade: graded

Module: ACC 513 Group Accounting in Practice

Contents:
The course complements group accounting by elements which are relevant in accounting practice. First, accounting after change of legal form is presented and discussed. Accounting in case of mergers is focused on. Then, specific questions relating to the consolidation according to German GAAP, German Tax Regulations and IFRS such as deferred taxes or goodwill impairment test are emphasized. Finally, the steps and achievements of the business combination project, a joint project of IASB and FASB, are presented. The course is enriched by discussions on the latest changes in accounting regulations with respect to consolidated financial statements.

Learning outcomes:
Students learn to see consolidation from a company law perspective and are able to evaluate consolidation from a normative point of view. Furthermore, students are able to compare and evaluate accounting regulations, especially with respect to subsequent measurement of goodwill.

Prerequisites:
Formal: -
Recommended: Principles of group accounting and profound knowledge of accounting under German GAAP, German Tax Code and IFRS, principles of bookkeeping, interest in issues arising from company law specifications.

Obligatory registration: no Further information on registration: -

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ECTS in total 4

Form of assessment Written exam (45 min.) or oral exam

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Peter Oser / Prof. Dr. Dirk Simons

Duration of module 1 semester

Offering Fall semester and Spring semester

Language German

Program-specific educational goals LG 1

Grade graded

**Module: ACC 531 Company Valuation**

**Contents:**
The course gives an overview of valuation methods and principles as well as the valuation of companies on the capital market. The course focuses on the discounted cash flow method (shareholder value-approach). In addition to the scientific theory, the implementation in praxis is discussed.

**Learning outcomes:**
Students are able to describe and discuss valuation methods. They can apply their theoretical knowledge of company valuation principles on case studies.

**Prerequisites:**
**Formal:**

**Recommended:** Bachelor-knowledge of financial accounting and finance

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Module: ACC 532 Financial Statement Analysis & Equity Valuation

Contents:
This course teaches financial statement analysis methods in the context of listed company valuation. The first part covers the derivation of inputs into valuation models and the tools for financial statements analyses (accounting analysis, ratio analysis, analysis of narratives). Using this knowledge, techniques for a consistent identification of free cash flows from integrated financial statements (Financial Modelling and Business Planning) and the derivation of required rates of returns from capital market-based data are discussed.
In the second part, relevant methods for equity valuation, in particular the cash-flow based DCF-model and the earnings-based Residual Income- and AEG-models, are covered. Finally, the class focuses on a discussion regarding the application and potential economic benefits of fundamental analysis and related valuation methods for stock analysis and financial analysts.

Learning outcomes:
The students should get an in-depth understanding of the conceptual approaches and methods available for analysing financial statements, preparing internally consistent pro-forma financial statements and their application for valuing firms. They should on the one hand understand both the theoretical constructs, assumptions, and limitations behind those concepts, but should, on the other hand, also be capable to implement them (computer-based) in practice.

Prerequisites:
Formal: -
Recommended: Bachelor level knowledge of financial accounting and finance

Note: Literature collection for self-study is provided

Obligatory registration: no
Further information on registration: -

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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Holger Daske

Duration of module 1 semester

 Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: TAX 510 Basics of Business Taxation

Contents:
- Income tax and corporate income tax,
- trade tax,
- property tax,
- capital transfer tax,
- property transfer tax and,
- value added tax.

Learning outcomes:
Students know the basics of the most important business taxes. Students understand the structure of these taxes and are able to assess taxes in simple cases. Most notably, students understand how income taxes, property taxes and the value added tax impact both on business decisions and on the tax burden of businesses.

Prerequisites:
Formal: Not taken the Module 530
Recommended: Basic knowledge of German financial accounting

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</table>
Module: TAX 520 Taxation of Companies

Contents:
- Taxation of sole proprietors and partnerships,
- taxation of corporations,
- group taxation,
- taxation of hybrid legal forms,
- reorganizations.

Learning outcomes:
Students understand the relevance as well as the consequences of the transparency principle and the separation principle.
Students assess the tax burden on profits as well as on shareholder compensations dependent on the legal form of the business.
Most notably, students understand and evaluate the tax planning opportunities created by business tax law.

Prerequisites:
Formal: Not taken the Module 530
Recommended: TAX 510

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ECTS in total 6

Form of Assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Ulrich Schreiber

Duration of module 1 semester

Frequency Fall semester

Language German

Program-specific educational goals LG 1

Grade graded

Module: TAX 521 Case Studies in Company Taxation

Contents:
- Tax planning for partnerships,
- Tax planning for corporations,
- Real estate transfer tax,
- Changes of corporate form and reorganizations,
- Business acquisitions.

Learning outcomes:
The students study in detail specific rules which are particularly important for the tax planning of partnerships and corporations.
The students learn to optimize business structuring for tax purposes.
Particular attention is paid to business reorganizations and the development of efficient tax solutions.

Prerequisites:
Formal: -
Recommended: Basic knowledge of company taxation

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ECTS in total 4

Form of assessment
Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Matthias Rogall

Duration of module 1 semester

Frequency Spring semester

Language German

Program-specific educational goals LG 1

Grade graded

### Module: TAX 530 Taxation of Businesses and Individuals

#### Contents:
- Basic principles of taxation
- Personal income tax
- Corporate income tax
- Local profit taxes and non-profit taxes (e.g. trade tax, property tax)
- Comparative taxation of transparent entities (sole proprietors and partnerships) and corporations and their shareholders
- Gift and inheritance taxes
- Capital transfer tax
- Value added tax

#### Learning outcomes:
Students know the basic principles of different types of taxes and understand the structure of these taxes (the lecture focuses on the tax systems in the EU member states and the US).
Students understand the relevance as well as the consequences of the transparency principle and the corporation principle and assess the tax burden on profits as well as on shareholder compensations dependent on the legal form of the business.
Most notably, students understand how taxes influence business decisions and evaluate tax planning opportunities created by business tax law.

#### Prerequisites:
**Formal:** Not taken the Modules TAX 510 and TAX 520
**Recommended:** Basic knowledge of financial accounting

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ECFTS in total 6

#### Form of assessment
70 % Written exam (90 min.), 30 % individual assignment and group presentation

#### Preliminary course work
-

#### Lecturer/Person in charge
Prof. Dr. Christoph Spengel

#### Duration of module
1 semester

#### Frequency
Fall semester

#### Language
English

#### Program-specific educational goals
LG 1, LG 3, LG 5

#### Grade
graded

#### Range of application
**Module: ACC/TAX 550 International Course – Accounting and Taxation**

**Contents:** depends on course taken abroad

**Learning outcomes:** depends on course taken abroad

**Prerequisites:**
- **Formal:** The course level equals a regular 500-level course or 600-level course in the Master in Management program.
- **Recommended:** The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

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<th>Course</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
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<tr>
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</table>

ECTS in total: depends on course taken abroad

**Form of assessment** depends on course taken abroad

**Lecturer/Person in charge** Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course

**Duration of module** 1 semester

**Offering** fall or spring semester

**Language** English preferred, but any other language possible if Mannheim faculty member is able to identify content and level

**Grade** graded

**Range of application** M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations
Module: ACC 620 Accounting for Financial Instruments & Financial Institutions

Contents:
The course addresses conceptual issues in accounting for financial instruments and by financial institutions currently discussed by standard setters (FASB, IASB) and bank regulators. It covers the discussion of the distinction between equity and financial liabilities, derecognition of financial assets, classification and measurement of financial instruments and on the accounting for hedging transactions. Finally, risk disclosure requirements under IFRS and the Basel-Framework are discussed.

Learning outcomes:
The course aims at developing the skills to critically analyze and evaluate proposals of standard setters and regulators in the field of accounting for financial instruments and financial institutions. Students will get an in-depth understanding of the current and proposed accounting rules and understand the underlying conceptual discussions surrounding their development.

Prerequisites:
Formal: - 
Recommended: Basic knowledge of IFRS accounting.
Obligatory registration: no 
Further information on registration: -

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<td>Exercise class</td>
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</table>

ECTS in total 6

Form of assessment Written exam

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Holger Daske

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: ACC 624 Company Valuation Practice (Case Study M&A)

Contents:
In this course offered in cooperation with KPMG four groups of three to four members simulate the M&A process of a company. The four groups represent the consultants of a bidder interested in the acquisition of the company. Competing with each other, every group seeks to prepare the best M&A concept. The case is based on an actual transaction. Hence, students are granted access to original documents.

Learning outcomes:
It is the objective of the course to familiarize students with a M&A process and to present a practical, project based company valuation. The course consists of six components.

Prerequisites:
Formal: Module ACC 531 or Module ACC 532 or Modul FIN 540 or equivalent course (decision has to be taken individually by the chair)

Recommended: -

Obligatory registration: yes
Further information on registration: http://daske.bwl.uni-mannheim.de/164.html

Courses

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ECTS in total 8

Form of assessment
Group work and oral exam

Preliminary course work
-

Lecturer/Person in charge
Dr. Steffen Wagner

Duration of module 1 semester

Offering
Fall semester (minimum 9 registered participants)

Language
German

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
Module: ACC 630 Integrated Controlling 1 – Planning and Budgeting

Contents:
The module examines systems and instruments of corporate planning and budgeting with the focus on operative planning. The planning and budgeting systems presented have a solid theoretical background and are widely used as state of the art in corporate practice. Today they have become key elements of successfully implemented controlling systems of large and medium-sized corporations.

The integrated financial planning system for the corporate level is the first focal point of the module. This system, founded on an integrated view on financial and management accounting, is the basis for the formulation of main key performance indicator (KPI) target values based on a value based management approach.

The second focal point of the lecture are the budgeting systems for segments and profit centers below the corporate level. Besides the usual management accounting techniques, also non-monetary and market-related parameters are taken into account. This will be illustrated further by examples and case studies based on experiences in the real corporate world.

Learning Outcomes:
By attending the class, students will gain in-depth knowledge in the structure and the application of modern planning and budgeting systems. This will enable them to broaden their skills gathered in basic management accounting and controlling lectures. Furthermore, significant problematic issues in implementing planning systems in corporate practice will be shown and approaches to solving them will be presented.

Prerequisites:
Formal: -
Recommended: Bachelor knowledge of management accounting

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ECTS in total 4

Form of assessment Case Study
Preliminary course work -
Lecturer/Person in charge Prof. Dr. Dieter Truxius
Offering Fall Semester
Language German
Program specific educational goals LG 1, LG 3
Grade graded
Modul: ACC 631 Integriertes Controlling 2 – Reporting und Performancesteuerung

Contents:
The module examines modern concepts of management accounting and controlling to arrive at a reliable performance measurement and the optimization of key performance indicators (KPI’s) as well as the design of adequate management reporting systems. Today, value based management techniques and related KPI’s are increasingly used in the core areas of the controlling function. These systems are often based on an integrated view on financial and management accounting. The basic economic elements of modern KPI concepts will be explained and their advantages as well as their limits in practical application will be illustrated by examples and case studies based on experiences in the real corporate world. Besides well-known and widely implemented single period KPIs, also multiperiod approaches for a financially sustainable growth of companies, e.g. the Sustainable Growth Rate (SGR), will be presented. Multiperiod analyses play an increasing role in actual corporate practice.

Learning Outcomes:
By attending the class, students will gain in-depth knowledge in the structure and the application of modern controlling and management reporting systems. This will enable them to broaden their skills gathered in basic management accounting and controlling lectures. Furthermore, significant problematic issues in implementing controlling systems in corporate practice will be shown and approaches to solving them will be presented.

Prerequisites:
- Formal: -
- Recommended: Bachelor knowledge of management accounting

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<td>Grade</td>
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- 36 -
Module: ACC 635 Value based Risk-Controlling and -Management in Banking

Contents:
Initially, we will outline the characteristics of relevant capital markets participants with a special focus on credit institutions and their regulators. Accordingly, the specific business models of banks will be described and we will show how those models are reflected in a controlling and accounting perspective. In parallel we will look at their value and profit levers. Thereafter we will take a look at the concepts of bank capital (equity, economic capital, regulatory capital) and analyze them with regard to value based management. Thereby we will explain the relevant risks for banks, e.g. credit risk, market risk and liquidity risk. Besides an introduction on how to measure and account for those risks we will show how they can be proactively managed in an overall strategic context. Therefore, various case studies will be used. Finally we will investigate the relevance of earnings management for value based bank steering and show how early warning indicators can be accounted for and interpreted.

Learning outcomes:
After the course you should be able to differentiate between bank business models and know their main determinants. Moreover you should be able to describe major risks and how to deal with them in the context of value based management.

Prerequisites:
Formal: -
Recommended: Accounting basics

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ECTS in total 4

Form of assessment
Written exam (60 min.)

Preliminary course work
-

Lecturer/Person in charge
Dr. Wilhelm Schmundt

Duration of module
1 term

Offering
Fall semester

Language
German

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
Module: ACC 636 Case Studies in the context of Value based Risk-Controlling and -Management in Banking

Contents:
The module is split into two parts:
In the first part (“1st block”) we will outline the characteristics of relevant capital markets participants with a special focus on credit institutions and their regulators. Accordingly, the specific business models of banks will be described and we will show how those models are reflected in a controlling and accounting perspective. In parallel we will look at their value and profit levers. Thereafter we will take a look at the concepts of bank capital (equity, economic capital, regulatory capital) and analyze them with regard to value based management. Thereby we will deepen the understanding of the relevant risks for banks, e.g. credit risk, market risk and liquidity risk.
For the second part (“2nd block) the students will prepare and present case studies. They are mainly related to the events of the recent financial market crisis and should sharpen the understanding of interdependencies in the context of how to measure and account for risks and how they can be proactively managed in an overall strategic context. Therefore, various case studies will be used.

Learning outcomes:
After the course you should be able to differentiate between bank business models and know their main determinants. Moreover you should be able to describe major risks, put them in context to selected case studies during the financial crisis, and know how to deal with them in the context of value based management.

Prerequisites:
Formal: ACC 635
Recommended: Accounting basics

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ECTS in total 4

Form of assessment Preparation and presentation of case study
Preliminary course work -
Lecturer/Person in charge Dr. Wilhelm Schmundt
Duration of module 1 term
Offering Spring semester
Language German
Program-specific educational goals LG 1, LG 3
Grade graded
Module: TAX 610 International Business Taxation

Contents:
- Basics of international business taxation,
- taxation of inbound investments,
- taxation of outbound investments,
- transfer pricing,
- cross-border reorganisations.

Learning outcomes:
Students know the basics of international taxation (national tax law, double taxation conventions, primary and secondary EU law) and the causes of double taxation. Students understand the tax consequences of establishing domestic and foreign permanent establishments as well as domestic and foreign corporations. Students understand the impact of transfer pricing on the companies’ tax burden. Most notably, students are able to evaluate how multinational companies make use of internationally diverging tax burdens.

Prerequisites:
Formal: Not taken module TAX 630
Recommended: Knowledge of contents of Module TAX 510 and Module TAX 520 or Module TAX 530

Obligatory registration: no
Further information on registration: -

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<td>Exercise class</td>
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ECTS in total 6

Form of Assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Ulrich Schreiber

Duration of module 1 semester

Frequency Spring semester

Language German

Program-specific educational goals LG 1

Grade graded

Module: TAX 611 Case Studies in International Company Taxation

Contents:
- Basic principles of international tax law,
- Taxation of foreign investors with domestic activities (inbound investments),
- Taxation of domestic investors with foreign activities (outbound investments),
- Special issues concerning multinational companies,
- Recent trends in international tax law – current fiscal policy and current tax planning issues.

Learning outcomes:
Students understand the importance of international tax planning in a multinational corporation (use of tax opportunities, minimization of individual tax risk, improvement of the overall tax situation).
Students practice the use of domestic and foreign tax rules on the basis of case studies and are able to evaluate interdependencies of tax effects and their relation to non-tax drivers.
Students learn proactive handling of cross-border tax law.

Prerequisites:
Formal: -
Recommended: Knowledge of contents of Module TAX 510 and Module TAX 520 or Module TAX 530

Obligatory registration: no
Further information on registration: -

Courses

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ECTS in total 4

Form of assessment Written exam (45 min.)

Preliminary course work -

Lecturer/Person in charge Dr. Stefan Brunsbach / Prof. Dr. Ulrich Schreiber / Prof. Dr. Christoph Spengel

Duration of module 1 semester

Frequency Fall semester

Language German

Program-specific educational goals LG 1, LG 3, LG 5

Grade graded

Module: TAX 620 Empirical Research in Taxation

Contents:
The goal of the seminar is to enable students to conduct an empirical research in the field of taxation. Students will become acquainted with the existing empirical literature and will learn how to establish an independent research project. The colloquium will be held in several blocks each of which will focus on a specific aspect of an empirical research project: developing a research idea, collecting data, analyzing data, presenting results. Students will be required to write a short research paper (either own research idea or replication of an existing paper) and to hold a short research presentation in class.

Learning outcomes:
Students learn how to develop, plan and conduct an empirical research project in corporate taxation. During the seminar, students learn how to use statistical software (Stata) and how to access and analyze large firm databases (Amadeus, Compustat, CRSP etc.). Students will also acquire presentation skills in a research context and learn how to engage in a fruitful scientific discussion.

Prerequisites:
Formal: -
Recommended: Knowledge of introductory statistics at bachelor level

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<td>Form of assessment</td>
<td>Paper 40 %, Presentation &amp; Participation 60 %</td>
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<td>Lecturer/Person in charge</td>
<td>Maximilian Todtenhaupt, Prof. Dr. Johannes Voget</td>
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<td>Learning Goals</td>
<td>LG 1, LG 2, LG 3, LG 4</td>
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<td>Grade</td>
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</table>
Module: TAX 630 International Business Taxation

Contents:
- Basics of international business taxation,
- taxation of inbound investments,
- taxation of outbound investments,
- transfer pricing,
- cross-border reorganisations.

Learning outcomes:
Students know the basics of international taxation (national tax law, double taxation conventions, primary and secondary EU law) and the causes of double taxation. Students understand the tax consequences of establishing domestic and foreign permanent establishments as well as domestic and foreign corporations. Students understand the impact of transfer pricing on the companies’ tax burden. Most notably, students are able to evaluate how multinational companies make use of internationally diverging tax burdens.

Prerequisites:
Formal: Not taken module TAX 610
Recommended: Knowledge of contents of Module TAX 510 and Module TAX 520 or Module TAX 530

Obligatory registration: no

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<td>Exercise class</td>
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ECTS in total 6

Form of Assessment 70 % Written exam (90 min.), 30 % individual assignment and group presentation

Preliminary course work -

Lecturer-in-charge Prof. Dr. Christoph Spengel

Duration of module 1 semester

Frequency Spring semester

Language English

Program-specific educational goals LG 1, LG 3, LG 5

Grade graded

Module: TAX 650 European Business Taxation

Contents:
- Taxation of sole proprietors, partnerships and corporations in Europe,
- European tax law (EC treaty and directives),
- European corporate tax planning,
- European tax planning and the case law of the European Court of Justice (ECJ),
- Corporate tax harmonisation in the European Union.

Learning outcomes:
Students understand business tax systems in the EU - member states as well as the basic structures of the relevant European law.
Students understand the impact of the European Court of Justice’ rulings on the tax planning opportunities of European companies.
Most notably, students focus on possible ways to harmonise company taxation within the European Union as well as on the European Commissions proposal of a common consolidated corporate tax base (CCCTB).

Prerequisites:
Formal:
Recommended: Knowledge of contents of Module TAX 510 and Module TAX 520 or Module TAX 530

Obligatory registration: yes
Further information on registration: “Student Portal”

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ECTS in total 6

Form of Assessment 70% written exam, 30% individual presentation

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Ulrich Schreiber

Duration of module 1 semester

Frequency Spring semester

Language English

Program-specific educational goals LG 1

Grade graded

Module: TAX 660 Tax Planning

Contents:
- Impact of taxes on net present value and return on investment,
- tax neutrality,
- financing decisions and decisions concerning the legal form,
- mergers and acquisitions,
- foreign direct investment.

Learning outcomes:
Students know how taxes impact on economic decisions.
Students determine the nominal as well as the effective tax burden of investments and understand the conditions of tax neutrality.
Most notably, students analyse in depth how decisions respond to taxes in crucial fields as investments, financing, legal form, mergers and acquisitions and foreign direct investment.

Prerequisites:
Formal: -
Recommended: Knowledge of contents of Module TAX 510, TAX 520 or TAX 530 and TAX 610 or TAX 630

Obligatory registration: no
Further information on registration: -

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ECTS in total 6

Form of Assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Ulrich Schreiber

Duration of module 1 semester

Frequency Fall semester

Language German

Program-specific educational goals LG 1, LG 3

Grade graded

Module: TAX 670 International Tax Planning

Contents:
- Impact of taxes on net present value and return on investment,
- Tax neutrality,
- Foreign direct investments (choice of legal group structure, holding activities, financing activities, intellectual property management, supply chain management)
- Anti-avoidance rules,
- Tax optimisation and effective tax rate.

Learning outcomes:
Students know how taxes influence economic decisions. Students determine the nominal as well as the effective tax burden of different kinds of foreign activities. Most notably, students analyse in detail tax planning opportunities as well as risks for companies which are engaged in cross-border activities.

Prerequisites:
Formal: -
Recommended: Knowledge of contents of Module TAX 610 or Module TAX 630

Obligatory registration: no
Further information on registration: -

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Form of Assessment: 70 % Written exam (90 min.), 30 % individual assignment and group presentation

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Christoph Spengel

Duration of module: 1 semester

Frequency: Fall semester

Language: English

Program-specific educational goals: LG 1, LG 3, LG 5

Grade: graded

Module: ACC 761 Seminar in Accounting and Capital Markets

Contents:
The seminar in Accounting and Capital Markets introduces students to research in financial accounting and capital markets. Students learn to solve problems autonomously and to approach a research question scientifically. The results of the thesis are presented in the seminar.

Learning outcomes:
Students know how to pursue research in financial accounting. They are able to analyze a research question and to structure and write a scientific thesis. They can present and discuss the main findings of their analysis in the seminar.

Prerequisites:
Formal: -
Recommended:
- Profound knowledge of financial accounting and finance
- In addition, good knowledge of English language and of basic statistical and econometric techniques can be beneficial
- Interest in scientific research

Note: A research assistant supports participants in preparing the thesis.

Obligatory registration: yes
Further information on registration: http://daske.bwl.uni-mannheim.de/107.html

Courses | Hours per week | Self-study
--- | --- | ---
Lecture | 2 | 6
Tutorial (intensive) | 2 | 2
ECTS Modul total | 6

Form of assessment
Written seminar thesis (60%) and seminar presentation (40%).

Preliminary course work
-

Lecturer/Persn in charge
Prof. Dr. Holger Daske

Duration of module
1 semester

Offering
Spring semester

Language
German or English

Program-specific educational goals
LG 2, LG 3, LG 5

Grade
graded

Range of application
Module: TAX 730 Seminar in Business Taxation

**Contents:**
The seminar focuses in depth on selected cross-module topics in taxation

**Learning outcomes:**
Students write an essay which is presented to students and discussed in the seminar. The essay shows that students are capable of pursuing independently academic work in the field of business taxation. The essay prepares for a master thesis in business taxation.

**Prerequisites:**
- Formal: 
- **Recommended:** Knowledge of contents of Module TAX 510 and Module TAX 520 or Module TAX 530

| Obligatory registration: yes | Further information on registration: Website of the chair |

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| ECTS in total | 6 |

| Form of assessment | 70 % Essay (15 pages), 30 % presentation |

| Preliminary course work | - |

| Lecturer/Person in charge | Prof. Dr. Ulrich Schreiber and Prof. Dr. Christoph Spengel |

| Duration of module | 1 semester |

| Frequency | Fall semester and Spring semester |

| Language | German or English |

| Program-specific educational goals | LG 1, LG 2, LG 4 |

| Grade | graded |

### 3.1.2. Area “Banking, Finance, and Insurance”

#### Module: FIN 500 Investments

**Contents:**
This course introduces into the theoretical foundations of modern portfolio management and their applications. It covers expected utility theory, measures of risk and return, the theory of portfolio selection, asset pricing models and their empirical test, the efficient markets hypothesis, and issues in stock portfolio management.

**Learning outcomes:**
The course provides students with an understanding of the theoretical and conceptual foundations of modern quantitative portfolio management. Students learn to understand investment strategies, and to interpret and evaluate them against the background of capital market theory and the efficient markets paradigm.

**Prerequisites:**
- **Formal:**
- **Recommended:** The course requires basic knowledge in mathematics (optimization, elementary matrix algebra) and statistics (expected value, variances, covariances, correlation, t-tests). Students should have successfully attended the courses Finanzwirtschaft I and II in the Mannheim Bachelor program (or similar courses).

**Obligatory registration:** no

**Further information on registration:** -

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</table>

**ECTS in total**: 6

**Form of assessment**: Written exam (closed book, 60 min.)

**Preliminary course work**: -

**Lecturer/Person in charge**: Prof. Dr. Erik Theissen

**Duration of module**: 1 Semester

**Offering**: Fall semester

**Language**: English

**Program-specific educational goals**: LG 1, LG 3

**Grade**: graded

Module: FIN 540 Corporate Finance I - Lecture (Capital Structure, Cost of Capital and Valuation)

Contents:
Corporate Finance studies how corporations finance their operations. The emphasis of this part of the curriculum is on shareholder value and company valuation. We will also study the cost of capital, introduce theories of capital structure, and initial public offerings. The objective of this course is to introduce the fundamental theoretical concepts of company valuation.

Learning outcomes:
After completing this course, students will know and understand state-of-the-art tools such as DCF, Residual Income, EVA, and Multiples. In particular, participants will know how to determine the cost of capital for corporations and projects using real world data. Further, participants will learn how to identify value drivers by applying financial ratio analysis. Students will also be familiar with event studies in order to analyse how capital markets react to important corporate events like merger announcements or earnings announcements.

Prerequisites:
Formal:
Recommended: Every student participating in this course should have completed the equivalent of the 2-semester finance module, which is part of the Mannheim Bachelor program. The lectures generally assume basic knowledge in accounting (balance sheets, income statements, financial ratios), finance (present value methods, portfolio theory, CAPM), mathematics (calculus, optimization) and statistics (mean, variance, standard deviation, univariate and multivariate regressions). The course assumes that students already manage the material in Brealey, Myers, Allen, Corporate Finance, (McGraw-Hill, 10th edition, 2010), chapters 1-19.

Obligatory registration: no
Further Information on the registration: -
Courses
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<tr>
<td>Lecture</td>
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<td></td>
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</table>
ECTS in total   | 5         |
Form of assessment | Written exam |
Preliminary course work | - |
Lecturer/Person in charge | Prof. Ernst Maug, Ph.D. |
Duration of module | 1 semester |
Offering        | Fall semester |
Language        | English   |
Program-specific educational goals | LG 1 |
Grade           | graded    |
Module: FIN 541 Corporate Finance I - Case Study (Capital Structure, Cost of Capital and Valuation)

Contents:
Corporate Finance studies how corporations finance their operations. The emphasis of this part of the curriculum is on shareholder value and company valuation. The focus of the course will be on solving several case studies in groups of up to three students. Each of these cases has to be handed in and will contribute to the final grade. The hands-on format of this course ensures that students are able to transfer the theoretical concepts encountered in the lecture (FIN540) to real world problems.

Learning outcomes:
After completing this course, students will be able to value companies using state-of-the-art tools such as DCF, Residual Income, EVA, and Multiples. In particular, participants will be able to determine the cost of capital for corporations and projects using real world data. Participants will be able to identify value drivers by applying financial ratio analysis and analyse the impact of those value drivers on the firm value. Students will also be able to perform event studies in order to analyse how capital markets react to important corporate events like merger announcements or earnings announcements. Students will be able to implement the theoretical concepts discussed in the lecture (FIN 540) using Microsoft Excel.

Prerequisites:
Formal: -
Recommended: Parallel completion of FIN 540 Corporate Finance I;
Every student participating in this course should have completed the equivalent of the 2-semester finance module, which is part of the Mannheim Bachelor program. The lectures generally assume basic knowledge in accounting (balance sheets, income statements, financial ratios), finance (present value methods, portfolio theory, CAPM), mathematics (calculus, optimization) and statistics (mean, variance, standard deviation, univariate and multivariate regressions). The course assumes that students already manage the material in Brealey, Myers, Allen, Corporate Finance, (McGraw-Hill, 10th edition, 2010), chapters 1-19.

Obligatory registration: yes
Further Information on the registration: Website of the chair, “Student Portal”

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<td>ECTS in total</td>
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Form of assessment
Case write-ups (75%), class participation in case discussions (25%)

Preliminary course work
- 

Lecturer/Person in charge
Prof. Ernst Maug, Ph.D

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1, LG 2, LG 3
<table>
<thead>
<tr>
<th>Grade</th>
<th>graded</th>
</tr>
</thead>
</table>
Module: FIN 560 Risk Management of Insurance Companies

Contents:
The subject of the course is the management of risks, which insurance companies (in life as well as in non-life insurance) do cover within the scope of their insurance activities.

Learning outcomes:
After a successful completion of the course participants will be able to quantify insurance risks in life and non-life insurance. Students will know the most important risk political instruments (premium and tariff calculation, solvency, technical reserves, reinsurance, riskadjusted performance management) and will be able to apply the corresponding basic methods.

Prerequisites:
Formal:  
Recommended:  The course assumes a basic knowledge in probability theory and statistics and as well basics of financial mathematics and the valuation of investments.

<table>
<thead>
<tr>
<th>Obligatory registration: no</th>
<th>Further information on registration: -</th>
</tr>
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<tbody>
<tr>
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<td>Exercise class</td>
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<td>ECTS in total</td>
<td></td>
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</table>

Form of assessment:  Written exam (90 min.)

Preliminary course work:  -

Lecturer/Person in charge: Prof. Dr. Peter Albrecht

Duration of module: 1 semester

Offering: Fall semester

Language: German

Program-specific educational goals: LG 1

Grade: graded

Module: FIN 561 Investment Management of Insurance Companies

Contents:
Subjects of the course are the basics of the legal investment framework of (German) insurance companies, of asset/liability-management and of the management of investment risks of insurance companies.

Learning outcomes:
After a successful completion of the course participants will know the basic elements of the investment regulation of insurance companies, they are familiar with the necessity and the instruments of an asset/liability-management and they are able to apply the basic methods to analyze and to manage the most important primary and derivative financial instruments and as well alternative investments.

Prerequisites:
Formal:
Recommended: The course assumes a basic knowledge in probability theory and statistics. In addition students should have covered the two Finance courses offered in the bachelor programme at the University of Mannheim or equivalent courses.

Obligatory registration: no
Further information on registration: -

<table>
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<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
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<tr>
<td>Exercise</td>
<td>1</td>
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</table>

ECTS in total 8

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Peter Albrecht

Duration of module 1 semester

Offering Spring semester

Language German

Program-specific educational goals LG 1

Grade graded

Module: FIN 580 Derivatives I – Basic Strategies and Pricing

Contents:
This course deals with different derivatives. The functioning of various derivative instruments like forwards, futures, swaps, and options will be explained. Furthermore, derivatives strategies like will be analyzed. A particular focus of the course is the valuation of different basic and exotic instruments. The theoretical basis will be presented in lectures, while exercise classes will provide the opportunity to apply the concepts in practice.

Learning outcomes:
After the completion of this course, students will have gained a thorough understanding of the spectrum of derivative financial instruments and their functioning. Furthermore, they will have learned how to implement investment strategies using derivatives. Students acquire a working knowledge of different valuation techniques, which is a necessary condition for trading these instruments and which also allows them to price new innovative products themselves.

Prerequisites:
Formal:
Recommended: Students should have successfully completed the Mannheim Bachelor finance modules (or equivalent courses). They should have an understanding of simple derivatives and basic pricing techniques on a Bachelor level before taking this course! A working knowledge of basic mathematics (analysis and optimization) and statistics (expected values, variances, covariances) is required.

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<tr>
<th>Obligatory registration</th>
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<tr>
<td>Courses</td>
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<td>Exercise class</td>
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<td>ECTS in total</td>
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</table>

Form of assessment
Written Exam (60 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Stefan Ruenzi

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
Module: FIN 550 International Course – Banking, Finance, and Insurance

Contents: depends on course taken abroad

Learning outcomes: depends on course taken abroad

Prerequisites:
Formal: The course level equals a regular 500-level course or 600-level course in the Master in Management program.

Recommended: The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

Obligatory registration: no

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<tr>
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<th>ECTS</th>
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ECTS in total: depends on course taken abroad

Form of assessment: depends on course taken abroad

Lecturer/Person in charge: Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course

Duration of module: 1 semester

Offering: fall or spring semester

Language: English preferred, but any other language possible if Mannheim faculty member is able to identify content and level

Grade: graded

Range of application: M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations
## Module: FIN 601 Bond Markets

### Contents:
This course builds on FIN500 and extends the discussion of modern portfolio management and its applications. It covers issues in bond portfolio management, performance measurement, risk management, and fund management.

### Learning outcomes:
After this course students are familiar with the theory and practice of modern quantitative portfolio management. They are able to devise and assess portfolio strategies, to evaluate the performance of a portfolio manager, and to assess the risk of a portfolio.

### Prerequisites:
**Formal:**
-  
**Recommended:** Students should have attended FIN 500 or be ready to acquire knowledge of the contents of that course as needed.

### Obligatory registration: no

### Further information on registration: -

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ECTS in total: 6

### Form of assessment
Written exam (closed book, 60 min.)

### Preliminary course work
-  

### Lecturer/Person in charge
Prof. Dr. Erik Theissen

### Duration of module
1 Semester

### Offering
Spring semester

### Language
English

### Program-specific educational goals
LG 1, LG 3

### Grade
graded

### Range of application
Module: FIN 620 Behavioral Finance

Contents:
There is abundant evidence suggesting that the standard economic paradigm of rational investors does not adequately describe behavior in financial markets. Behavioral Finance examines how individuals' attitudes and behavior affect their financial decisions. This course reviews recent research on possible mispricing in financial markets due to the nature of psychological biases. Moreover the course deals with behavioral finance models explaining investor behavior or market anomalies when rational models provide no sufficient explanations. Topics will include among others overconfidence, prospect theory, heuristic driven biases and frame dependence.

Learning outcomes:
Behavioral finance applies scientific research on human and social cognitive and emotional biases. After completing this course, students will be able to better understand economic decisions and how they affect market prices and returns. They will know how behavioral findings are integrated with neo-classical theory.

Prerequisites:
Formal: Module FIN 5XX
Recommended: Every student participating in this course should have completed the 2-semester finance module of the Mannheim Bachelor program (or equivalent courses) and the module Decisions Analysis. The lecture generally assumes basic knowledge in mathematics (calculus, optimization) and statistics (mean, variance, standard deviation).

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<th>Self-study</th>
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<tr>
<td>Exercise class</td>
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ECTS in total 6

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Martin Weber

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3, LG 4

Grade graded

Module: FIN 630 Corporate Governance

Contents:
In this course, conflicts of interest within the firm will be analyzed and mechanisms to mitigate these problems will be discussed. In the first part of the course, special emphasis will be on the market for corporate control, ownership structure, executive compensation, the role of the board of directors, and current reforms in corporate governance. In the second part of the course, the valuation effect of corporate governance and the question whether corporate governance affects corporate decisions will be addressed.

Learning outcomes:
Students should develop an understanding of important issues in corporate governance and of its relevance in a social, political, and economic context. They will be able to critically review the principal-agent model and apply it to various applications of corporate governance. They will know the differences in corporate control across the world and be able to explain the reasons why control may be different from ownership. Furthermore, they know how to compare the main classifications of corporate governance systems and, most importantly, assess the effectiveness of the different corporate governance mechanisms, such as for example the board of directors. In addition to their knowledge on corporate governance theory, they will be able to critically assess the empirical evidence on the importance and effectiveness of various corporate governance mechanisms.

Prerequisites:
Formal: -
Recommended: Introductory course in corporate finance on the level of Brealey/Myers/Allen is strongly recommended.

Note: Literature collection for self-study is provided.

Obligatory registration: no
Further Information on the registration: -

<table>
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<th>Courses</th>
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<tbody>
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<td>Lecture / Exercise</td>
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<td>9</td>
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</table>

ECTS in total 6

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Alexandra Niessen-Ruenzi

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3, LG 5

Grade graded

Module: FIN 640 Corporate Finance II (Mergers, Acquisitions and Divestitures)

Contents:
The topic of this course is the restructuring of corporations through mergers, acquisitions and divestitures. The purpose of the lecture is to provide an understanding of restructuring processes and to provide an analytic framework to analyze the motivation of these activities and their individual merits. A special focus will be on the economic analysis of corporate strategy and the contractual structures of various types of transactions. We will also discuss valuation and cost of capital in an international context. The lecture will frequently draw on empirical studies, especially on event studies. Participants will be required to solve several case studies in groups of up to three students.

Learning outcomes:
After completing this course, students will be able to develop and evaluate strategic rationales for M&A transactions and their structure. They will be able to build valuation models using real world data and evaluate whether a particular transaction makes sense from an economic perspective. Students will be able to implement valuation models using Microsoft Excel, to understand the legal and institutional context of M&A transactions, to interpret scientific studies and make appropriate inferences from them for the M&A process.

Prerequisites:
Formal: Modules FIN 540 & FIN 541
Recommended: The course builds on the valuation techniques discussed in CF I (DCF, residual income and multiples valuation) and assumes that students already manage the material in Brealey, Myers, Allen, Corporate Finance, (McGraw-Hill, 10th edition, 2010), chapters 1-19, and in Berk and DeMarzo, Corporate Finance, (Pearson, 2nd edition, 2009) chapters 2, 9, 12, 14, 17-19, 23.

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<td>ECTS in total</td>
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</table>

Form of assessment Final exam (40%), case write-ups (45%), oral participation in case discussions (15%)

Preliminary course work -

Lecturer/Person in charge Marc Gabarro Bonet, Ph.D.

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3

Grade graded

Module: FIN 703 Seminar in Financial Markets

Contents:
The seminar covers specific issues relating to financial markets in depth. The seminar is organized as a block seminar. Prior to the seminar students have to write a seminar paper on a particular topic. This paper has to be presented during the seminar. Students are also expected to actively participate in the discussion during the seminar.

Learning outcomes:
Students learn how to write a research paper. The seminar is thus an important prerequisite for the master thesis. During the seminar the students will also train their presentation and discussion skills.

Prerequisites:
Formal: At least one MMM finance course: FIN 5XX
Recommended: Participation in the seminar requires a sound background in finance, a good command of English and of basic statistical and econometric techniques. Students are expected to be able to read and understand current research papers.

Please note:
Participation in the seminar is limited. Information on how to apply is published on the homepage of the chair.

Obligatory registration: yes
Further information on registration:
Website of the chair

<table>
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<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
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<tbody>
<tr>
<td>Seminar</td>
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</table>

ECTS in total: 6

Form of assessment: Seminar paper (2/3), Presentation and discussion (1/3)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Erik Theissen

Duration of module: 1 Semester

Offering: Fall semester and/or Spring semester

Language: German/English

Program-specific educational goals: LG 1, LG 3, LG 4

Grade: graded

Module: FIN 720 Seminar in Banking and Behavioral Finance

Contents:
Within this seminar, students get the possibility to deeply deal with relevant topics in Banking and Behavioral Finance. The seminar is scheduled as a block seminar. We will discuss several topics. Students have to write a seminar thesis on a specific topic in advance. In addition they have to make a presentation on one of the topics in class and to actively participate in the discussion.

Learning outcomes:
Students will be capable of independent academic work. The writing of a seminar thesis is excellent training for the master thesis. During the seminar students practice their presentation and discussion skills.

Prerequisites:
Formal: Module FIN 5XX
Recommended: Further prerequisites will be announced by the chair before the start of the respective seminar during the topics presentation.

Note:
It is necessary to apply for the seminar. Further information will be published on the chair’s internet site.

Obligatory registration: yes
Further information on registration: Website of the chair

<table>
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<th>Self-study</th>
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<tbody>
<tr>
<td>Seminar</td>
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</table>

ECTS in total 6

Form of assessment
Seminar thesis: 2/3, Presentation and Discussion: 1/3

Preliminary course work
-

Lecturer/Person in charge
Dr. Maximilian Wimmer

Duration of module
1 semester

Offering
Fall semester and/or Spring semester

Language
German or English

Program-specific educational goals
LG 1, LG 2, LG 5

Grade
graded

Range of application
**Module: FIN 740 Corporate Finance Seminar**

**Contents:**
The purpose of this seminar is to prepare students for an empirical master thesis in the field of Corporate Finance. With regard to content, students will gain an overview of diverse current research topics in empirical Corporate Finance and become acquainted with one topic in depth. With regard to methodology, the course will introduce students to basic econometric concepts that are applied in research in empirical Corporate Finance.

**Learning outcomes:**
At the end of the course, students will be familiar with the statistics software STATA and have learned to use commercial finance databases such as Worldscope, Datastream, CRSP, or Compustat. In addition, they will have gained access to state-of-the-art methods and current topics in empirical Corporate Finance.

**Prerequisites:**
- **Formal:** Module FIN 5XX
- **Recommended:** If you intend to apply for a seminar thesis at our chair, we advise you to follow Corporate Finance I since these lectures form the conceptual basis for several topics discussed in the seminar. However, participation in these courses is no formal requirement for seminar access. Basic knowledge of statistics and econometrics is assumed and participants must be motivated to undertake empirical work. A sound reading and writing knowledge of English is also required as the seminar is conducted in English.

<table>
<thead>
<tr>
<th>Obligatory registration: yes</th>
<th>Further information on registration: Website of the chair</th>
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<tbody>
<tr>
<td><strong>Courses</strong></td>
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<tr>
<td>ECTS in total</td>
<td>6</td>
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</table>

**Form of assessment**
Participation (15%), oral presentation (15%), seminar paper (70%)

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Ernst Maug, Ph.D.

**Duration of module**
1 semester

**Offering**
Spring semester, registration in Fall semester

**Language**
English

**Program-specific educational goals**
LG 1, LG 2, LG 5

**Grade**
graded

**Range of application**
## Module: FIN 760 Seminar in Risk Management and Insurance

### Contents:
The seminar covers extended subjects in the areas of risk management and insurance science.

### Learning outcomes:
Students write an essay which is presented to students and discussed in the seminar.
The essay shows that students are capable of pursuing independently academic work in the field of insurance.
The essay prepares for a master thesis in insurance.

### Prerequisites:
**Formal:**
- Module FIN 560 or Module FIN 561 or Module FIN 660

### Obligatory registration:
- yes

### Further information on registration:
Website of the chair/"Student Portal"

### Courses

<table>
<thead>
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<th>Hours per week</th>
<th>Self-study</th>
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<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
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</tbody>
</table>

### ECTS in total
- 6

### Form of assessment
- Essay, active Participation, Presentation

### Preliminary course work
- 

### Lecturer/Person in charge
- Prof. Dr. Peter Albrecht

### Duration of module
- 1 semester

### Offering
- Fall semester and/or Spring semester

### Language
- German

### Program-specific educational goals
- LG 1, LG 2, LG 5

### Grade
- graded

### Range of application
Module: FIN 780 Seminar in Asset Management & International Finance

Contents:
In this course specific topics from the fields of „Asset Management“, „International Finance“ or other areas of finance (see also the specific announcements) will be dealt with in depth. Students will have to work on the main topic of the seminar in some detail and write a term paper on a specific sub topic that will be allocated to them. In the seminar, students will present their own paper as well as a discussion on another student’s paper and participate actively in the classroom discussions.

Learning Outcomes:
Students will learn how to independently work on a research paper. Thus, the seminar paper also serves as preparation for a Master’s thesis. Furthermore, students learn how to present research results and how to contribute to scientific discussions.

Prerequisites:
<table>
<thead>
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<th>Formal</th>
<th>At least one FIN 5XX Module</th>
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</thead>
<tbody>
<tr>
<td>Recommended</td>
<td>Further prerequisites will be announced by the Chair of International Finance before the start of the respective seminar during the topics presentation.</td>
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Note: It is necessary to apply for the seminar. Further information will be published on the Department’s internet site.

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Courses
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<tbody>
<tr>
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</table>

ECTS in total 6

Form of assessment
Paper: 50%,
Presentation: 25%,
Discussion of other student’s paper: 15%,
Oral participation: 10%

Preliminary course work -

Lecturer/Person in charge Dr. Tatjana Puhan / Prof. Dr. Stefan Ruenzi

Duration of module 1 semester

Offering Fall Semester and Spring Semester

Language English

Program-specific educational goals LG 1, LG 2, LG 5

Grade graded

### 3.1.3. Area “Information Systems“

**Module: IS 510 Process Management**

**Contents:**
This lecture offers highly relevant concepts for modeling, analyzing, implementing, and controlling business processes with information and communication technology. Participants will be offered business knowledge as well as the methodological foundations from an information systems perspective to successfully design and manage business processes.

**Learning outcomes:**
After completing the class students should be able to recognize the significance of process management, designing and improve business processes by using particular techniques and tools, analyze the structure and behavior of dynamic objects in processes, understand how business processes can be supported with information technology, and control business processes from time, capacity, and cost perspectives.

**Prerequisites:**
- Formal: -
- Recommended: Fundamentals of Information Systems

**Obligatory registration:** yes, limited to 80 participants

**Further Information on registration:** “Student Portal”

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<tr>
<td>Exercise class</td>
<td>1</td>
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</tr>
</tbody>
</table>

**ECTS in total**
6

**Form of assessment**
- 80% written exam (60 min.)
- 20% group assignment and presentation (mandatory)

**Preliminary course work**
- 

**Lecturer/Person in charge**
Prof. Dr. Michael Rosemann

**Duration of module**
1 semester

**Offering**
Spring semester

**Language**
English

**Program-specific educational goals**
LG 1, LG 3

**Grade**
graded

**Range of application**
Module: IS 512 IT Management in the Digital Age

Contents:
Modern organizations are influenced and driven by information technology (IT) and information systems (IS) in various ways. As competition becomes borderless, organizations are forced to continually examine ways to operate more effectively and efficiently. Information technology and information systems are a crucial means of obtaining these goals in the digital Age. IT and IS are also key enablers of new products, services and processes. This course is designed for students who desire an insightful synopsis of IT management concepts and practices.

It is the objective of this course to offer profound insights into information systems and information technology management. Strategic and tactical issues are given more attention than operational aspects. After successfully completing the course, students should be able to evaluate and initiate strategic IT initiatives, to organize (govern) the IT function, to understand the role of the Chief Information Officer in order to lead this function, to analyze, design and direct outsourcing as well as offshoring initiatives, and to control the IT function from a top management and risk management perspective.

Learning outcomes:
This course is designed for students who desire an insightful synopsis of IT management concepts and practices. After successfully completing the course, students should be able to evaluate and initiate strategic IT initiatives, to organize (govern) the IT function, to understand the role of the Chief Information Officer in order to lead this function, to analyze, design and direct outsourcing as well as offshoring initiatives, and to control the IT function from a top management and risk management perspective. IT management issues will be discussed from a planning, leadership, governance, sourcing and controlling perspective. Topics include:
- Business / IT Alignment and Strategic IT Planning
- Governance frameworks, IT (de-)centralization and the role of the CIO
- The IT sourcing decision, hybrid arrangements, and offshoring
- IT controlling and IT risk management

Prerequisites:
- Formal: -
- Recommended: -

Obligatory registration: yes, limited to 80 participants
Further Information on registration: “Student Portal”

<table>
<thead>
<tr>
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<th>Self-study</th>
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<tbody>
<tr>
<td>Lecture</td>
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</table>

ECTS in total 6

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Sunil Mithas

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded
Module: IS 513 - Applied IT Management in the Digital Age

Contents:
IT management today is challenged by fast technological change, new digital opportunities, growing cost pressure, and increasing business and regulatory requirements. IT management needs to ensure that IT functions become much more agile, flexible and efficient than ever before. For a state-of-the-art IT management a solid know-how regarding
- Intelligent demand management,
- Application and data architecture,
- IT infrastructure,
- Organization and workforce management,
- Business/IT governance and lean IT processes, and
- Sourcing and location setup incl. vendor and partner management
are crucial.

In addition, it is expected that IT managers have a good understanding of the core business of their company (business/IT alignment) and sound IT cost management capabilities. Furthermore, IT managers need to be able to understand opportunities of the digital age, evaluate the value of new technologies, and drive digital transformation jointly with the business.

Learning outcomes:
The lecture addresses key challenges that IT management is facing today and explains the capabilities and tools required to manage these challenges successfully. The concrete application of the lectured content will be explained using selected case studies. The lecture focuses on banking as one concrete industry example. The fundamental principles, however, can be applied across industries.

Prerequisites:
Formal: IS 511 or IS 512
Recommended: -
Obligatory registration: yes, limited to 80 participants
Further Information on the registration: “Student Portal”

<table>
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<th>Hours per week</th>
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<th>ECTS in total</th>
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<tbody>
<tr>
<td>Lecture</td>
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</table>

Form of assessment
Written test (70%) plus Case study (30%)

Preliminary course work
- Dr. Michael Grebe / Prof. Dr. Armin Heinzl

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 3

Grade
graded

Range of application
Module: IS 540 Management of Enterprise Systems

Contents:
Enterprise Systems (ES) represent a specific category of information systems. They build on pre-packaged industry best practices embedded in standardized product software and target large-scale integration of data and business processes across all company's functional areas and beyond company borderlines. Enterprise Systems strongly interplay with work practices of individual employees as well as organizational structures shaping and being shaped by individuals' behavior. The ES lifecycle involves various entities both external and internal to the company. As such, they impact multiple levels of a company, ranging from the individual employee to groups to the entire organization and even its associated network.

As critical as the ability to manage these ES is to most businesses, as challenging it is as well. This module is designed to provide a comprehensive insight into theoretical foundations, concepts, tools, and current practice of ES. The lecture is complemented with exercises and a case study. Students get the opportunity to collect hands-on experiences with commercial software products and analyze and propose solutions for a specific ES challenge. Thus, allowing them to build up first-hand experience with this important aspect for managing businesses successfully.

Learning outcomes:
By the end of the module students will
- understand basic concepts and types of Enterprise Systems,
- understand key characteristics of software products (e.g. Enterprise Resource Planning, Business Intelligence or Collaboration) on which ES are built on,
- understand the ES lifecycle including a development, implementation, and post-implementation phase,
- get practical insights into the real-world ES (exercises with software and case study).

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: yes

Further Information on the registration: Although IS 540 has no max. number of participants, an enrollment via the student portal is necessary for getting access to the course material. You will be directly admitted.

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<tr>
<td>Exercise class / Case Study</td>
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ECTS in total: 6

Form of assessment: Assignments and written exam (60 min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Hartmut Höhle

Duration of module: 1 semester

Offering: Fall semester

Language: English

Program-specific educational goals: LG 1, LG 2, LG 3, LG 4
<table>
<thead>
<tr>
<th>Grade</th>
<th>graded</th>
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</table>
### Module: IS 541 Theories and Methods in Information Systems

#### Contents:
This course provides students with an introduction to scientific research methods and theories in the field of information systems. Master students gain a broad overview of the strengths and weaknesses of different methods and theoretical perspectives. This overview prepares them for conducting own, bounded research projects (e.g., master theses) as a first step towards a scientific career. This course primarily targets students of the MMBR but is also open to students of the MMM and the Master in Business Informatics.

In this course, students come to understand the importance of theory for organizing and cumulating knowledge as well as the importance of rigorous empirical methods to establish the validity of findings. The course covers publications in premier IS journals to exemplify and discuss procedures of qualitative, quantitative, and design-oriented research.

The course is taught in a seminar style, requiring students to prepare readings for discussions in class. Attendance in classroom sessions is mandatory. Students are required to prepare textbook chapters and selected readings on IS research in advance of the course. A list of required readings is distributed after registration. In addition, students are assigned contemporary articles published in IS journals that must be evaluated based on the topics covered in the course and presented during classroom sessions. Each student finally writes a term paper of four to five pages on an assigned topic.

#### Learning outcomes:
After completing the course, students

- are able to prepare, plan, and execute own research endeavors (e.g., master thesis).
- understand the relevance of methods and theories in meaningful research.
- know quality criteria and corresponding means to improve research designs.
- have gained an overview of most common methods and theories in IS research.

#### Prerequisites:

| Formal: | - |
| Recommended: | Basic statistical knowledge recommended |

| Obligatory registration: yes, limited to 12 participants | Further Information on the registration: “Student Portal” |

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ECTS in total: 6

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<th>Form of assessment</th>
<th>30% presentation, 70% written term paper</th>
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<th>Dr. Kai Spohrer</th>
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<th>LG 1, LG 2</th>
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Module: IS 553 System Software

Contents:
This module introduces concepts and architectures of system software. Based on the introduction (IS 554) aspects of process execution, communication and resource management in local and distributed settings are discussed.

Learning outcomes:
System software enables application programmers to program on higher layers of abstractions. Students will be able to choose and use platforms. Core concepts being present in many of today’s system platform are discussed and practiced in exercises:
- Process models, Scheduling
- Memory management and organization
- Communication models (Remote Procedure Call, Publish/Subscribe)
- Middleware
- Architectures

Prerequisites:
Formal: -
Recommended: IS 554, Java programming

Obligatory registration: no

Further Information on the registration: -

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<th>Courses</th>
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<th>Self-study</th>
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<tr>
<td>Exercise class</td>
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</table>

ECTS in total: 6

Form of assessment
Written (60 min.) or oral exam

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Christian Becker

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1

Grade
graded

Range of application
Module: IS 554 Computational Thinking

Contents:
This module will provide essential knowledge of the technological foundations of information systems. Based on this, students will be able to assess technology but also to contribute to design science related courses.

Learning outcomes:
The students will learn basic concepts of computer hardware (von Neumann architecture) and system software (operating systems concepts), programming fundamentals (Java), as well as algorithms and data structures (searching, sorting, lists, hash-tables, trees). After this module, the students will be able to understand the basic architectures of modern information systems. They are able to model problems and solve them using standard algorithms and programming languages.

Prerequisites:
Formal: -
Recommended: -

<table>
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<th>Obligatory registration: no</th>
<th>Further Information on registration: -</th>
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Form of assessment          | Written (90 min.) or oral exam |
Preliminary course work     | -                               |
Lecturer/Person in charge   | Prof. Dr. Christian Becker      |
Duration of module          | 1 semester                     |
Offering                    | Fall semester                  |
Language                    | English                        |
Program-specific educational goals | LG 1, LG 3                  |
Grade                       | graded                         |
Module: IS 555  Computational Thinking II

Contents:
This module focuses on advanced topics in information systems. Based on the introduction (IS 554) core concepts of information systems and current trends in information technology are discussed to provide a deeper understanding of the digital world.

Learning outcomes:
Computational Thinking II enables participants to understand topics in information systems which are relevant in our everyday life. The pervasiveness of information technology in our professional and private lives increases the need to understand how these systems work and how they can be used in a secure way.

Students in this module will learn about the following topics:
- Security and Encryption
- Networking
- Cloud-, Grid-, and Edge-Computing
- Graphical User Interfaces and Web Applications
- Databases
- Internet of Things and Industry 4.0

Prerequisites:
Formal: -
Recommended: IS 554, Java programming

Obligatory registration: no  Further Information on the registration: -

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<th>Hours per week</th>
<th>Self-study</th>
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<tbody>
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</table>

ECTS in total  4

Form of assessment  Written exam (45 min.)

Preliminary course work  -

Lecturer/Person in charge  Prof. Dr. Christian Becker

Duration of module  1 semester

Offering  Spring semester

Language  English

Program-specific educational goals  LG 1, LG 3

Grade  graded

### Module: IS 550 International Course – Information Systems

**Contents:** depends on course taken abroad

**Learning outcomes:** depends on course taken abroad

**Prerequisites:**
- **Formal:** The course level equals a regular 500-level course or 600-level course in the Master in Management program.
- **Recommended:** The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

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<th>Course</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
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ECTS in total: depends on course taken abroad

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>depends on course taken abroad</th>
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<thead>
<tr>
<th>Lecturer/Person in charge</th>
<th>Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course</th>
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<table>
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<tr>
<th>Duration of module</th>
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<tr>
<th>Offering</th>
<th>fall or spring semester</th>
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<table>
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<tr>
<th>Language</th>
<th>English preferred, but any other language possible if Mannheim faculty member is able to identify content and level</th>
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<table>
<thead>
<tr>
<th>Program-specific educational goals</th>
<th>LG 3</th>
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<th>Grade</th>
<th>graded</th>
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<thead>
<tr>
<th>Range of application</th>
<th>M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations</th>
</tr>
</thead>
</table>
Module: IS 602 Business Intelligence and Business Analytics Systems

Contents:
Business agility is one of the key determinants of business success. It describes the ability of an organization’s executives to make successful business decisions in a both effective and efficient manner. In most modern enterprises, Business Intelligence and Management Support Systems represent a core enabler of managerial decision making in that they are supplying up-to-date and accurate information about all relevant aspects of a company’s planning and operations: from stock levels to sales volumes, from process cycle times to key indicators of corporate performance.

As an important category of Enterprise Systems, these applications target improving business decision making and enhancing enterprise-wide transparency. The aim of this module is to introduce theoretical foundations, concepts, tools, and current practice of Business Intelligence and Management Support Systems. Moreover, students are being introduced to decision making at various levels and how various forms of Business Intelligence and Management Support Systems can support them in their work. The module is complemented with a case study. It challenges the students to analyze and propose solutions for a specific enterprise challenge with regards to system-based decision making and enterprise-wide transparency.

Learning outcomes:
By the end of the module students will
- get comprehensive overview of key capabilities of Business Intelligence and Management Support Systems,
- understand theoretical foundations underlying these systems,
- get practically oriented view by analyzing and proposing solutions for a selected enterprise challenge.

Prerequisites:
Formal: -
Recommended: IS 540 (Management of Enterprise Systems)

Obligatory registration: no

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<tr>
<th>Courses</th>
<th>Hours per week</th>
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<tr>
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<td>Case study</td>
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ECCTS Modul insgesamt 6

Form of assessment
Assignments and written exam (60 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Christoph Sandbrink

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1, LG 2, LG 3, LG 4

Grade
graded

Range of application
## Module: IS 613 Applied Project in Design Thinking and Lean Software Development

### Contents:
The goal of this term project is to collaboratively develop a concept, design or software to solve a real world problem in a student development team environment. We offer a project-based lecture with hands-on experience for lean principles and design thinking. Students will learn innovative product and process design for software development which then can be directly applied in exercise sessions. The used technology will depend on students’ skills and experience. Prototypes might be developed with technology for mobile devices or paper-based for non-developers.

### Learning outcomes:
By the end of the module students will
- know how to apply design principles for developing customer oriented applications,
- understand the difficulties involved in team-based software development,
- improve software engineering skills,
- improve the ability to work in teams,
- use state of the art software engineering methods and tools.

### Prerequisites:
**Formal:**

**Recommended:** This course is designed for master students of management or information systems. A basic understanding of how to program information systems is helpful. Participating in lecture IS 615 is highly recommended but no formal prerequisite.

### Obligatory registration:
yes, limited to 32 participants

### Further Information on registration:
http://heinzl.bwl.uni-mannheim.de/

### Courses

<table>
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<tr>
<td>Lecture</td>
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<tr>
<td>Exercise class</td>
<td>(integrated)</td>
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</table>

### ECTS in total
6

### Form of assessment
Software development term project

### Preliminary course work
-

### Lecturer/Person in charge
Dr. Tobias Schimmer

### Duration of module
1 Semester

### Offering
Fall semester

### Language
English

### Program-specific educational goals
LG 1, LG 3

### Grade
graded

### Range of application
Module: IS 614 Corporate Knowledge Management

Contents:
Companies have realized that the knowledge of their professionals is a decisive factor in competition. Firms are able to differentiate against their competitors through superior knowledge in the long term.
This lecture deals with the question of how the identification, acquisition, organization, storage, distribution, and use of knowledge can be supported with the help of information technology and where the limits of such efforts are.

Learning outcomes:
Course participants will be able to acquire knowledge with respect to the following themes:
- Introduction - What is Knowledge Management?
- Knowledge creation
- Knowledge storage and retrieval
- Knowledge transfer
- Strategic planning of integrated knowledge management systems (IKMS)
- Architectures of integrated knowledge management systems
- Implementation of integrated knowledge management systems
- Evaluation of the success of integrated knowledge management systems

Prerequisites:
Formal: -
Recommended: -
Obligatory registration: no
Further Information on registration: -

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<th>Courses</th>
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<th>Self-study</th>
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<tbody>
<tr>
<td>Lecture / Exercise</td>
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<td></td>
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<tr>
<td>Tutorial</td>
<td>2</td>
<td>10</td>
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</table>

ECTS in total 6

Form of assessment Written exam (60 min.); optional case study (20%)

Preliminary course work -

Lecturer/Person in charge Dr. Kai Spohrer

Duration of module 1 Semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3

Grade graded

Module: IS 625 Pervasive Computing

Contents:
This module gives an overview on Pervasive Computing systems. These systems consist of dynamic collections of (possibly mobile and/or embedded) devices that collaborate with each other depending on the state of their current physical environment or context. The module introduces systems, concepts and algorithms for Pervasive Computing, e.g. adaptation frameworks, context management, sensors and actuator networks.

Learning outcomes:
After this course, the students should know about
- Location and Context Aware Systems
- Context Management
- Localization, e.g. using GPS
- Sensor and Actuator systems, including Sensor Networks
- Smart tagging systems, e.g. using optical tags or RFID
- Adaptation and dynamic reconfiguration techniques
- System software for Pervasive Computing

Prerequisites:
Formal: -
Recommended: IS 554, Java programming

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<th>Further Information on registration: -</th>
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<tr>
<td>Courses</td>
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<td>Exercise class</td>
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<td>ECTS in total</td>
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<tr>
<td>Form of assessment</td>
<td>Written (60 min.) or oral exam</td>
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<td>Prof. Dr. Christian Becker</td>
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<td>Offering</td>
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<td>LG 1</td>
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<tr>
<td>Grade</td>
<td>graded</td>
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</table>
Module: IS 627 Self-organizing Systems

Contents:
In this lecture we discuss concepts and algorithms for self-organizing distributed systems. Such systems adapt themselves, e.g. their behavior or structure to the current state of their execution environment. We discuss current application areas and the technical background, algorithms and protocols for self-organization as well as the implementation of self-organizing systems.

Learning outcomes:
After this course, the students know about
- Introduction into self-organizing distributed systems and their architecture.
- Implementation issues of self-organizing and self-adaptive systems.
- Self-organizing approaches in distributed systems, such as, leader election, clustering, resource detection, or consensus in distributed systems.
- Adaptive system aspects.
- Machine Learning for Self-improvement.

Prerequisites:
Formal: -
Recommended: IS 554, Java programming

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<tr>
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<th>Further Information on the registration: -</th>
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<tbody>
<tr>
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<td>Exercise class</td>
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<tr>
<td>ECTS in total</td>
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Form of assessment: Written (60 min.) or oral exam

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Christian Becker

Duration of module: 1 semester

Offering: Fall semester

Language: English

Program-specific educational goals: LG 1

Grade: graded

Module: IS 629 Product Management and Product Design for Software

Contents:
More and more products, from consumer to business markets, show an ever increasing amount of software at their very heart. The ability to understand, design, and manage software-intense products has become of great importance to ensure sustainable success across all industries. This module introduces key aspects of the entire software product lifecycle, ranging from product strategy and planning, to the actual product development and finally the post-development phase covering aspects such as the product launch and product support. Furthermore, the interplay between processes, people, and practices will be discussed and contemporary software development paradigms will be framed into this interplay. This course puts specific emphasize on the two roles of the product manager and the product designer (also: Usability / User Experience Professional) within software development. Following an interdisciplinary perspective, this course will introduce key concepts from the field of management, marketing and human computer interaction. The course contents will be put into a practical perspective by selected industry talks. Furthermore, as part of a case study, the students will be asked to analyze and propose solutions for a given software product development challenge leveraging the knowledge acquired within the lecture and industry talks.

Learning outcomes:
By the end of the course students will
- know basic concepts and characteristics of software products and the associated software product lifecycle,
- understand the underlying mechanisms for a successful interplay between people, processes, and practices within product development,
- understand key concepts and methods required for fulfilling the product management and product design role,
- analyze and propose solutions for a given software product development challenge along the entire lifecycle.

Prerequisites:
Formal: -
Recommended: IS 540 (Management of Enterprise Systems)

<table>
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<th>Further Information on the registration: -</th>
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<td>Lecture</td>
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</table>

ECTS in total 6

Form of assessment Written exam & Case Study

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Hartmut Höhle

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3

Grade graded
Modul: IS 651 Behavioral Perspectives on E-Business

Contents:
E-Commerce, Social Media, M-Commerce – Business models that are carried out via electronic and mobile channels all have one in common: They need to be used. If they are not used, they disappear into nirvana and all the investments with them. Thus, usage is a necessary precondition for all e-Business activities. Under consideration of IT adoption theories, social psychological basements and statistical methods that are commonly applied within this context, it is elaborated which factors explicitly enable usage and which inhibit it. Basing on this methodological and theoretical basement behavioral phenomena such as technostress, Social Media addiction, social inclusion though information and communication technologies (ICT), or reactions on privacy threats are discussed, analyzed and evaluated.

Literatur:

Learning outcomes:
By the end of the module students will
- understand and be able to delineate basic terms in e-Business,
- be able to independently and scientifically analyze behavioral implications of e-Business technologies,
- understand of basic features of IT adoption theory.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: no
Further Information on registration: -

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ECTS Modul insgesamt 4

Form of assessment
Written exam (60 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Julia Krönung

Duration of module
1 Semester

Offering
Fall Semester

Language
English

Program-specific educational goals
LG 1, LG 2, LG 3

Grade
graded

Range of application
Module: IS 712 Seminar

Contents:
The seminar is a preparation for writing a master thesis and introduces students to academic work related to current topics of IS. Students independently compile a written seminar paper covering a current research topic and present their research findings in class.

Learning outcomes:
By the end of the course students developed
- a basic knowledge on the principles of academic writing,
- the ability to independently and systematically explore a research topic,
- readiness to take on a master thesis project in IS.

Prerequisites:
Formal: -
Recommended: Basic knowledge of IS

Obligatory registration: yes

Further Information on registration:
Registration at the end of previous semester
http://wifo1.bwl.uni-mannheim.de

Courses

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<th>Hours per week</th>
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<tbody>
<tr>
<td>Lecture</td>
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</table>

ECTS in total 6*

Form of assessment Seminar paper, presentation, and discussion

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Armin Heinzl

Duration of module 1 semester

Offering Fall semester and Spring semester

Language English

Program-specific educational goals LG 5

Grade graded


*For students of the M.Sc. Information Systems the seminar means a reduced workload with only 4 ECTS.
## Module: IS 722 Seminar Trends in Distributed Systems

### Contents:
This module is a research seminar where current topics in research are discussed.

### Learning outcomes:
Students will learn and train presentation competence. A current topic from the distributed systems domain will be summarized and put into context of related work. Besides oral presentation a written report has to be written.

### Prerequisites:
- **Formal:** -
- **Recommended:** IS 554

### Obligatory registration: yes

### Further Information on registration:
[http://becker.bwl.uni-mannheim.de](http://becker.bwl.uni-mannheim.de)

### Courses

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<tr>
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</table>

### ECTS in total
6*

### Form of assessment
Conference style seminar. Students have to write their own seminar paper (50% of final grade), write reviews of other seminar papers (20%) and present their work as well as discuss the work of others in the final presentation session (30%). Attendance at the kick-off session and the final presentation session is mandatory.

### Preliminary course work
- 

### Lecturer/Person in charge
Prof. Dr. Christian Becker

### Duration of module
1 semester

### Offering
Fall semester and Spring semester

### Language
English

### Program-specific educational goals
LG 5

### Grade
graded

### Range of application

*For students of the M.Sc. Information Systems the seminar means a reduced workload with only 4 ECTS.*
Module: IS 742 Seminar Trends in Enterprise Systems

Contents:
This module is a research seminar where state-of-the-art research topics in research are presented and discussed.

Learning outcomes:
Students will learn and train presentation competence. A current topic from the enterprise systems domain will be summarized and put into context of related work. Besides oral presentation a written report has to be delivered.

Prerequisites:
Formal: -  
Recommended: IS 540

Obligatory registration: yes

Further Information on registration: Application: Please send an email including your Transcript of Records and CV to wifo4@uni-mannheim.de; Application deadline will be announced via Portal2.

Courses | Hours per week | Self-study |
--- | --- | --- |
Lecture | 2 | 10 |

ECTS in total 6*

Form of assessment
Written and oral contribution (report and presentation)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Hartmut Höhle

Duration of module
1 semester

Offering
Fall semester and Spring semester

Language
English

Program-specific educational goals
LG 5

Grade
graded

Range of application

*For students of the M.Sc. Information Systems the seminar means a reduced workload with only 4 ECTS.
Module: IS 751 E-Government Adoption and Societal Change

Contents:
E-government broadly refers to electronic internal and external business processes in the public sector. Examples are websites of public institutions or municipalities, or all kind of electronic services provided by public institutions for the business sector or individual citizens. This comprises also democratic activities that are carried out via electronic channels. The purpose of such e-government projects and incentives can in general be traced down to expected increases in efficiency and decreases of costs. However, in many cases these expected outcomes are not realized because of rejection or non-usage behaviors by the targeted user groups. This phenomenon which is referred to as "resistance" or "non-adoption" behavior occurs unusually frequent in relation to the public sector. The specificities of the public sector that potentially lead to these behavioral phenomena represent the research objective that is investigated within this seminar by applying multiple viewpoints and analysis approaches. This year’s seminar looks at e-government adoption against the backdrop of recent societal change and the diversity of the targeted user groups.

Learning outcomes:
By the end of the course students are able to
- write a scientific essay independently,
- recognize and analyze the specificities of the public sector with respect to IT adoption behaviors,
- understand the importance of user resistance and inertia within the public sector,
- analyze and specify essential differences of the public and private sector with respect to user behaviors.

Prerequisites:
Formal:
Recommended: Fundamentals in information systems at bachelor level

Obligatory registration: yes

Further Information on registration: kroenung.bwl.uni-mannheim.de

Courses
Lecture

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ECTS in total 6*

Form of assessment Seminar paper (70%), presentation (30%)

Preliminary course work -

Lecturer/Person in charge Jun-Prof. Dr. Julia Krönung

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 5

Grade graded


*For students of the M.Sc. Information Systems the seminar means a reduced workload with only 4 ECTS.
### Module: MAN 550 International Course – Management

**Contents:** depends on course taken abroad

**Learning outcomes:** depends on course taken abroad

**Prerequisites:**

**Formal:** The course level equals a regular 500-level course or 600-level course in the Master in Management program.

**Recommended:** The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

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ECTS in total: depends on course taken abroad

**Form of assessment** depends on course taken abroad

**Lecturer/Person in charge** Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course

**Duration of module** 1 semester

**Offering** fall or spring semester

**Language** English preferred, but any other language possible if Mannheim faculty member is able to identify content and level

**Grade** graded

**Range of application** M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations
Module: MAN 630 Introduction to Entrepreneurship

Contents:
University of Mannheim alumni founders, such as Lea-Sophie Cramer (Amorelie), David Handlos and Florian Barth (Stocard), Alexander Rittweger (Payback) and Rupprecht Rittweger (e-shelter), are examples of successful entrepreneurs who have pursued new business opportunities in a way which is innovative, path-breaking and contributing to growth and employment generation.

But who is a typical entrepreneur? How well does the typical startup perform? Is there such a thing as the typical entrepreneur or the typical startup? Why do people start businesses? Is every young business a startup? What characteristics do entrepreneurs have? How do entrepreneurs finance their start-up? What is the role of networks for launching and running new businesses? These are some of the questions that we will discuss in MAN 630 Introduction to Entrepreneurship. We will discuss in lecture settings and have 3 to 4 additional case study sessions in which student teams will present their solutions and advice to startup challenges. Theories presented will be combined with real-life cases. Additionally, guest speakers (i.e., entrepreneurs and/or academics) may come to class to shed light on specific topics of interest or how they have overcome challenges.

Beware of the following upsides and downsides: The course is tons of fun and highly rewarding but challenging and demanding in terms of its self-study elements and the case study team efforts. If your expectation is a class with lectures to randomly attend, this might not be your first choice.

What you can expect from us is a fun and rewarding atmosphere in class paired with optional Founder Talks and Startup Lounges (evening events) throughout the semester to get in touch with lots of role models, business models and a fair chance to develop your networks. Overall, you can expect a perfect introduction to central theories in entrepreneurship and the Startup Ecosystem at and around the University of Mannheim and beyond.

Side note on choosing MAN 630 vs. alternatives:
You should choose MAN 630 if you...

- are interested in combining insights from lectures with readings at home and with insights gained from speakers in Startup Lounges, Founder Talks and in class to maximize your learning.
- are interested in startups and entrepreneurship in general and want to gain a top-level view on both entrepreneurship in theory and practice.
- like the practical world but do not want to lose sight of the underlying academic foundations.
- love aiming for the big picture and love discussing topics of interest from a variety of angles.
- do not like courses based on keywords and phrases to learn but on concepts to put into perspective and forming your own sophisticated line of argumentation.

You should, however, not choose MAN 630 if you...

- expect this to be a multiple-choice-style course of memorizing material and then jotting buzzwords down on the exam. Our interactive style of teaching and a wealth of readings will get you frustrated – focus is set on understanding concepts rather than memorizing them.
- expect teaching staff to tell you what to learn and what to forget – this is up to you (see point above).
- want to develop or advance your own startup project in class. Apply for MCEI courses MAN 631 or MAN 633 Track 2 instead.
want to advance an existing startup project and get the feeling of what it is like to work in a startup with all the responsibilities this brings along, join MAN 633 Track 1 instead.

**Learning outcomes:**
By the end of this course, students will have gained fundamental perspectives in theoretical and practical entrepreneurial mechanisms. They will have acquainted practice in case study training.

**Prerequisites:**
- Formal: -
- Recommended: -

**Obligatory registration:** yes

**Further Information on the registration:**
www.ifm.uni-mannheim.de / “Student Portal”

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**ECTS in total**

**6**

**Form of assessment**

Written exam (60%) & Case Study Team Presentations (40%)

**Preliminary course work**

-  

**Lecturer/Person in charge**

Prof. Dr. Michael Woywode, Dr. Jan Zybura, Nora Zybura

**Duration of module**

1 Semester

**Offering**

Fall semester

**Language**

English

**Program-specific educational goals**

LG 1

**Grade**

graded

**Range of application**

Module: MAN 632 Advanced Entrepreneurship

Contents:
Successful entrepreneurs who have pursued new business opportunities demonstrate managerial capabilities in which they lead their start-up to long-term profitability. How did they manage the market entry and growth of their enterprises? What type of strategies did they implement to achieve sustainable competitive advantage? These are the questions that will be addressed in MAN 632 "Advanced Entrepreneurship."

Theoretical foundations of the course will lie in theories on managerial aspects of entrepreneurship. It is structured into two parts: First, “A Life Cycle View on High-Tech Entrepreneurship” which will present a dynamic capabilities approach to entrepreneurial management. Entrepreneurial managers need to have an in-depth understanding of the ongoing challenges in key functional areas such as finance, innovation and technology management, human resource management, firm succession, strategic management, management of internationalization, and management of (fast) growth. Second, in the part “Industry Studies” topics such as innovation in biotech industry, innovation in the software industry, and the role of regional clusters will be addressed. Both researchers and guest presenters will give an insight into entrepreneurial management.

Learning outcomes:
By the end of this module, students will have gained fundamental theoretical and practical knowledge in managing entrepreneurial ventures successfully.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: yes
Further Information on the registration:
www.ifm.uni-mammheim.de / “Student Portal”

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</table>

ECTS in total 6

Form of assessment Written exam and Presentation

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Michael Woywode

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1

Grade graded

Module: MAN 633 Entrepreneurial Spirit

Contents:
You do not think inside the box and love working on challenging projects? Next to studying, you are eager to apply your knowledge in the real world and learn from startup teams on the project? You like new ideas and love their execution? You want to dive deeper into the anatomy of business models and get the unit economics right? Then you should opt for Entrepreneurial Spirit. The course is a new format to foster startup growth, entrepreneurial culture and to advance the startup ecosystem at and around the University of Mannheim. With their expertise, the students support the startups in improving their products, services and business models and help them to be more competitive. We will work with real companies in this course and you will actively contribute to their growth. Thus, high dedication, willingness to take over responsibilities and professionalism are a prerequisite. There are two tracks in MAN 633: One for students who have no startup project yet and one for students (individual or founding team) who work on their own advanced startup project.

MAN 633 helps to advance startups in our network by sending students teams as a task force (Track 1) but also helps students with an advanced startup idea to reach their next milestones and gain support in a course format (Track 2). For both tracks, the course starts with an initial educational workshop (2 days). The initial workshop is the same for both tracks and provides hands-on tools to assess, structure and solve startup challenges. The workshop part is concluded with an exam (20%). Following this educational element, the students form interdisciplinary teams of 3-5 and solve challenges in real ventures. Experienced MCEI coaches will work closely with the student consulting teams to make sure that they are on track to maximize their learning experience while simultaneously permitting the teams to have as much fun as possible.

Track 1 (for students with no own startup)
Offers students who have no own startup but want to experience the startup world an excellent opportunity to work at eye-level with an experienced real-world startup team. The concept: Solving challenges of young companies with student approaches and on-site by student teams. Assisted by an experienced MCEI coach, the students carry out joint projects with the startup after a needs analysis. The startups are recruited via our extensive MCEI network. The projects have a mid-term presentation (20%), end presentation (20%) and a final managerial report (40%).

Track 2 (for students who already work on their advanced startup project)
Further advance your own startup in class. Your performance appraisal will be according to milestones set at the beginning of class and you will receive continuous counseling by MCEI coaches. MAN 633 offers you the opportunity to recruit a student team from class to work on your startup’s challenges during the course just like in our “client companies” in Track 1. Please approach the instructors upon course registration to sort out whether your startup project is eligible for Track 2. This offer is for advanced startup projects only – you can start greenfield (i.e., at idea stage) in MAN 631. The projects have a mid-term presentation (20%), end presentation (20%) and a final managerial report (40%).

The direct integration of the students into the startups within the framework of the course enables a joint action-oriented learning experience on both sides. In addition, we strengthen the startup community, promote startup companies as well as potential startups, integrate startups directly into the university's offerings and support the transfer of knowledge and technology between the university and the economy.
### Learning outcomes:
Students will learn tools to analyze and develop business models and how to tweak them towards growth. They solve real-life challenges in new ventures in a project format and learn first-hand what it is like to work in a startup by gaining real startup experience. By being (temporally) part of a startup team, they will acquire managerial skills and gain familiarity with problem solving in practice. Team work experience, profound presentation and consulting skills are also core learning outcomes of this class.

### Prerequisites:
**Formal:**
- 
**Recommended:** MAN 630 or MAN 631 or MAN 632

### Obligatory registration:
- yes

### Further Information on the registration:
www.mcei.de/teaching / “Student Portal”

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| ECTS in total | 6 |

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<tr>
<td></td>
<td>20% Mid-term client presentation (team)</td>
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<td></td>
<td>20% Final client presentation (team)</td>
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<td>40% Final managerial report (team)</td>
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| Preliminary course work | - |

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<th>Lecturer/Person in charge</th>
<th>Prof. Dr. Michael Woywode, Dr. Jan Zybura</th>
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<th>Grade</th>
<th>graded</th>
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Module: MAN 645 Leadership and Motivation

Contents:
This course is designed to introduce students to different perspectives on leadership and the role that motivation plays in the leadership process. It provides students with a comprehensive understanding of leadership theories (e.g., trait, skills, style, and situational approaches) and discusses contemporary challenges of leadership in organizations (e.g., culture and leadership, women in leadership positions, ethical leadership). Furthermore, the course gives students the opportunity to experience their own leadership behavior and thereby help to prepare them for leadership roles in organizations.

Learning outcomes:
By the end of the module students will be able to:
… understand different approaches to leading and motivating employees,
… analyze different leadership styles and evaluate their advantages and disadvantages,
… assess factors of successful leadership,
… understand potential problems in the interaction between supervisors and subordinates,
… learn about their own leadership style.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: no

Further Information on the registration: -

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</table>

ECTS in total 6

Form of assessment
Written exam (60 min.), Assignment

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Torsten Biemann

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1, LG 2, LG 3

Grade
graded

Range of application
Module: MAN 646 HR Analytics

Contents:
This course looks at the link between human resource (HR) practices and firm performance. Knowledge and other intangible assets have been shown to provide a source of competitive advantage, but their effects on firm performance are often difficult to quantify. What is the economic value of job performance? How can organizations gain from trainings or improved personnel selection? What are the costs of employee absenteeism and turnover? HR professionals are confronted with such questions, but often lack the necessary skills to find satisfying answers in existing firm data.
The course first introduces analytical approaches to HR measurement and discusses its implementation in an organization’s HR architecture. Second, it aims at providing knowledge on existing empirical evidence regarding the impact of HR practices on firm outcomes. By combining both approaches, the course offers ways to improve decision quality in HR management and demonstrate how HR practices can add value at the level of the firm.

Learning outcomes:
By the end of the module students will be able to:
… understand how HR practices can influence firm performance,
… develop a framework of HR measures and integrate it into a firm’s HR architecture,
… design means to evaluate HR initiatives, and
… empirically analyze firm data to estimate the financial impact of HR practices.

Prerequisites:
Formal: -
Recommended: Module MAN 645 or MAN 647

Obligatory registration: yes
Further Information on the registration: Website of the chair / “Student Portal”

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<td>Exercise class</td>
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</table>

ECTS in total 6

Form of assessment
Written exam (60 min.): 75%
Coursework: 25%

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Torsten Biemann

Duration of module
1 semester

Offering Fall semester

Language German

Program-specific educational goals LG 1, LG 2, LG 3, LG 5

Grade graded

Module: MAN 647 Strategic and International Human Resource Management

Contents:
This course is intended to expand students’ knowledge on basic human resource management (HRM) processes and instruments by adding an international and a strategic dimension. In the first part of the module (international dimension), we examine the impact of national context on HRM and discuss basic HRM functions in international organizations. Topics include international recruiting and selection, training and development, compensation, and employee relations.

In the second part of the module (strategic dimension), we focus on the dynamics of HRM systems. Various approaches of how singular HRM practices conceptually and empirically form bundles are considered. We review how HRM practices can be aligned with respect to other HR practices (horizontal fit) as well as organizations’ objectives (vertical fit) to form HRM systems that help improve organizations’ performance.

Learning outcomes:
By the end of the module, students will be able to:
… understand the impact of culture and national context on HRM,
… analyze differences in international HRM systems,
… design basic HRM practices in international organizations,
… align HRM practices with regards to their horizontal and vertical fit,
… comprehend the processes translating HRM systems into organization’s performance, and
… consider contextual factors’ impact on the alignment of HRM systems.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: yes
Further Information on the registration:
Website of the chair / “Student Portal”

Courses
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<tr>
<td>Exercise class</td>
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</table>

ECTS in total 6

Form of assessment
Written exam (60 min.): 75%
Coursework: 25%

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Torsten Biemann / Dr. Jörg Korff

Duration of module
1 semester

Offering
Spring semester

Language
English

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
Module: MAN 648 Incentives and Performance

Contents:
In this course, we study performance management and analyze the link between incentives and individual’s performance in organizations. Based on the performance management process, the course covers performance measurement and monitoring, key performance management tools, and implementation of performance management systems targeted at employees in organizations. Furthermore, the course investigates the role of incentives in organizations, both theoretically and empirically from a psychological and economic perspective.

Learning outcomes:
By the end of the module, students:
… will be able to select and implement appropriate performance measures,
… are familiar with formal performance appraisals,
… understand the link between pay and performance,
… are able to analyze the effectiveness of incentives both theoretically and empirically, and
… are able to design performance management systems.

Prerequisites:
Formal: -
Recommended: MAN 645 or MAN 647

<table>
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<th>Obligatory registration: yes</th>
<th>Further Information on the registration: Website of the chair / “Student Portal”</th>
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<td>Exercise class</td>
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<tr>
<td>ECTS in total</td>
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<td>6</td>
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Form of assessment
Written exam (60 min.): 75%
Coursework: 25%

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Torsten Biemann

Duration of module
1 semester

Offering
Spring semester

Language
English

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application

- 97 -
Module:: MAN 654 Corporate Restructuring

Contents:
This course exposes students to a broad range of strategic and financial restructuring techniques (e.g., equity carveouts, spin-offs, leveraged buyouts) that can be applied to improve business performance. We will engage in an analysis of the rationale underlying specific corporate restructuring transactions, the process of executing these transactions, and their effects on the welfare of managers, stockholders and other corporate stakeholders. Current business cases and guest speakers representing the different parties involved in corporate restructuring (e.g., investment bankers, consultants, business unit managers, employees) will help illustrate how various corporate restructuring approaches may be applied in business practice to increase firm value.

Learning outcomes:
Students will acquire and demonstrate expert knowledge in the specific subject area of corporate restructuring.
Students will be able to apply and critically reflect upon contemporary theories, models and tools utilized in restructuring research and practice.
When analyzing business cases, students will be able to identify key issues, derive appropriate solutions, and have a good understanding of their impact on restructuring success.
Students will be able to design and deliver professional and effective oral presentations of their business case analyses.

Prerequisites:
Formal: Not taken MAN 656
Recommended: -

Obligatory registration: yes
(no max. number of participants – although a registration is mandatory!)

Further Information on the registration: Website of the chair / “Student Portal”

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ECTS in total 6

Form of assessment Written exam and presentations in exercise classes; attendance required

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Matthias Brauer

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: MAN 655 Corporate Strategy: Managing Business Groups

Contents:
In this course, we will critically reflect upon the role of corporate centers of multinational companies (MNCs). A particular emphasis will be placed on the challenges faced by corporate centers and their opportunities for value creation in their quest to turn a conglomerate discount into a conglomerate premium.

Learning outcomes:
Students will acquire and demonstrate expert knowledge in the specific subject area of corporate strategy (i.e. about the challenges and value creation opportunities faced by corporate centers of MNCs).
Students will be able to apply and critically reflect upon contemporary theories, models and tools utilized in strategy research and practice (i.e. the repertoire of analytical tools applied by corporate centers to fulfill their “parenting” role).
When analyzing fictitious or real-life business cases, students will be able to identify key issues, derive appropriate solutions, and have good understanding of their impact on strategic decision outcomes.
Students will be able to design and deliver professional and effective oral presentations of their own strategy case analyses.

Prerequisites:
Formal: -
Recommended: Knowledge in strategic management

Obligatory registration: yes
Further Information on the registration: Website of the chair / “Student Portal”

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ECTS in total 6

Form of assessment
Written exam and assignment/presentation; attendance required

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Matthias Brauer

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded


- 99 -
Module: MAN 656 Mergers & Acquisitions

Contents:
For decades, mergers and acquisitions (M&A) have continued to be the primary vehicle for reshaping firms’ business portfolios. Both the rationales and economic outcomes of mergers and acquisitions, however, have remained a source of controversy in both academic research and business practice. The purpose of this course is to unpack which of the “received wisdoms” on mergers and acquisitions really hold up to rigorous scrutiny and which ones do not. To serve this purpose, we will systematically review the key determinants of acquisitions, and discuss the economic outcomes of acquisitions coupled with the key contingencies influencing acquisition outcomes. Moreover, we will discuss and practice some of the key tools for analyzing and implementing acquisitions.

Learning outcomes:
Students will acquire and demonstrate expert knowledge in the specific subject area of M&A. Students will be able to apply and critically reflect upon contemporary theories, models and tools utilized in M&A research and practice. When analyzing fictitious or real-life M&A transactions, students will be able to identify key issues, derive appropriate solutions, and have good understanding of their impact on M&A transaction outcomes. Students will be able to design and deliver professional and effective oral presentations of their own transaction analyses.

Prerequisites:
Formal: Not taken MAN 654
Recommended: -

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ECTS in total 6

Form of assessment Written exam and assignment/presentation; attendance required

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Matthias Brauer

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: MAN 657 Global Strategic Management

Contents:
Corporate activities that take place in multiple countries and/or are integrated across borders involve a substantial degree of managerial complexity. Global strategic management thus centers on the specific managerial challenges and choices associated with a firm’s cross-border activities. This course will review the determinants, characteristics, and performance outcomes of firms’ internationalization processes. This includes, among others, a discussion of firms’ market entry and exit strategies, the critical reflection on common managerial practices (i.e., cross-border M&A, international alliance networks), and the review of common managerial dilemmas (e.g., localization vs. global standardization) in the global business context.

Learning outcomes:
Student will acquire and demonstrate expert knowledge in the specific subject of strategic management from a global perspective. Students will be able to apply and critically reflect upon contemporary theories, models and tools primarily discussed in global strategic management research and practice. When analyzing business cases, students will be able to identify sound solutions and have good understanding of their impact from a global perspective. Students will be able to design and deliver professional and effective presentations of their own solutions to business cases in the field of global strategic management.

Prerequisites:
Formal: -
Recommended: MAN 655 Corporate Strategy

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Form of assessment: Written exam and assignment/presentation; attendance required

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Matthias Brauer

Duration of module: 1 semester

Offering: Fall semester

Language: English

Program-specific educational goals: LG 1, LG 3

Grade: graded

**Module: MAN 660 CSR Video Documentaries**

**Contents:**
This module takes an in-depth perspective on specific aspects of Corporate Social Responsibility (CSR). Through the dialogue with relevant organizations and interview partners, groups of students will work on questions related to practice. By employing qualitative research techniques, they will thereby advance the current discussion regarding CSR. The students will present their insights by creating video documentaries, which will be shown and discussed in class and will be the basis for grading. The class will not meet weekly but for a small number of extended sessions.

In fall 2017, the topic will be “Social Intrapreneurship – How to be a change agent in the own organization”.

**Learning outcomes:**
In this module, students will independently work on, elaborate, and present issues regarding the challenges and limits of Corporate Social Responsibility (CSR). The course places special emphasis on the effective communication of insights using appropriate media.

**Prerequisites:**
- **Formal:** CC 504 is recommended
- **Recommended:** Interest in the field of CSR and documentary filming

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<tr>
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<th>Creating a video documentary that will be graded</th>
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<td>Prof. Dr. Laura Marie Schons / Lisa Rothenhöfer</td>
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<td>The class contents and materials will be provided in English language. However, please be aware that some potential interview partners for the videos may not be able to speak English, and that hence data collection may be more difficult for international students who do not speak German.</td>
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<tr>
<td>Learning Goals</td>
<td>LG 4</td>
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Module: MAN 679 A Scientific Introduction into Public and Nonprofit Management

Contents:
This module is a scientific introduction into the management of public and nonprofit organizations. Firstly, the public and nonprofit sector will be described and analyzed. Then the specifics and challenges of the management of public and nonprofit organizations will be discussed. This includes a discussion of different management functions (such as governance, HR, Marketing). The module will thereby create a theoretical framework for the management of public and nonprofit organizations. Differences to the management of “forprofit” organizations will be analyzed. The contents will be derived from current scientific literature in the field of public and nonprofit management. The methodology of research in the field public and management will also be discussed.

Learning outcomes:
By the end of the module students will be able to
- understand the relevance of the public and nonprofit sector,
- explain the specifics of the management of public and nonprofit organizations
- understand and critically assess scientific literature from the field of public and nonprofit management,
- discuss propositions and findings in the field of public and nonprofit management.
In this course, the key competences of presentation technique, academic work and team competence shall be acquired.

Prerequisites:
Formal:

Recommended:  

Obligatory registration: no  
Further Information on the registration: -

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Form of assessment  
Written exam and/or presentation and/or written project/seminar work

Preliminary course work  
-

Lecturer/Person in charge  
Prof. Dr. Bernd Helmig

Duration of module  
1 semester

Offering  
Fall semester

Language  
German

Program-specific educational goals  
LG 1

Grade  
graded

Range of application  
Module: MAN 680 Challenges of Public and Nonprofit Management – Case Study Seminar

Contents:
World-wide public and nonprofit organizations make an important contribution to society. In order to face the increasing economization and globalization in the public and nonprofit sector, organizations need to professionalize. Combined with the public and nonprofit-specific organizational purpose, these tendencies pose particular challenges to public and nonprofit management. These will be highlighted by analyzing scientific papers and by discussing practical cases and project work.

Learning outcomes:
By the end of the module students will be able to
- explain the particularities of public and nonprofit management,
- apply general management methods in the public and nonprofit sector,
- evaluate the development of specific concepts for public and nonprofit organizations,
- discuss hypotheses and findings in the field of public and nonprofit management.
- critically analyze scientific papers.

Moreover, key competences such as presentation competence, working with academic papers and team competences shall be acquired.

Prerequisites:
Formal: -

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ECTS in total 6

Form of assessment: Written exam and/or presentation and/or written project/seminar work

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Bernd Helmig

Duration of module: 1 semester

Offering: Spring semester

Language: German

Program-specific educational goals: LG 2, LG 5

Grade: graded

Module: MAN 690 Innovation Management

Contents:
The lecture “Innovation Management” provides an overview of theoretical foundations and fundamental conceptions in the field of innovation management. The lecture further analyses innovative activity at the industry as well as at the firm level. In particular, determinants that affect the development and the spread of innovations will be scrutinized. At the industry level, special emphasis will be put on the prediction of market development and future trends. At the firm level, the development of innovation strategies and alternative implementations of innovation processes will be covered. Core topics are, for instance, a business venture's incentive systems, organizational structures that are supposed to foster innovative activity, collaboration in innovation processes, commercialization strategies, and the design of internal interfaces between different departments.

Learning outcomes:
The aim of the lectures on innovation management is to provide the students with central concepts from the area of innovation management and findings from theoretical and empirical research into innovation. Students should also learn to apply findings from theoretical and empirical research into innovation in order to analyze and to solve innovation management-related problems. In particular, they should develop the core competences needed to manage innovation from its early stages to the introduction of products or services in the market and the strategic positioning of the firm within its industry.

Prerequisites:
Formal: Students, who attended the lecture Strategic Innovation Management (MAN 658) during the Fall Semester 2015, are not eligible to take this course.
Recommended: Basic bachelor-level knowledge on organization and management

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<td>Form of assessment</td>
<td>Written exam (60 Min., 60%), assignment (mini-case) &amp; group presentation (40%)</td>
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<td>Lecturer/Person in charge</td>
<td>Prof. Dr. Karin Hoisl</td>
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<td>Duration of module</td>
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<td>LG 1</td>
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<td>Grade</td>
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Organizational behavior is defined as the systematic study and application of knowledge about how individuals and groups act within the organizations where they work. The lecture presents essential theories and concepts explaining how individual and group behavior shape the internal dynamics of organizations. The course deals with factors that facilitate or hinder effective behavior. Topics include communication, motivation, individual skills, abilities, and emotions, group dynamics, leadership, power, organizational culture and organizational design.

Learning outcomes:
This course helps students develop a conceptual understanding of organizational behavior to analyze, understand, and manage human behavior in organizations to improve organizational efficiency and effectiveness.

Prerequisites:
Formal: -
Recommended: Basic bachelor-level knowledge on organization and management

Obligatory registration: yes
Further Information on registration: Website of the chair / “Student Portal”

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ECTS in total: 4

Form of assessment: Written exam (60 Min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Karin Hoisl

Duration of module: 1 semester

Offering: Spring Semester

Language: English

Program-specific educational goals: LG 3

Grade: graded

Contents:
The study of relationships of organizations with their external environment, and the behavior of individuals within the organization is used to systematically analyze how organizations operate and can best be managed. For instance, it suggests ways to achieve and retain competitive advantage and to anticipate or even initiate change. This course offers a broad introduction to organization theory. It starts with classical organization theories and then moves on to cover a wide variety of perspectives like New Institutional Economics, Resource Based View of the Firm, Organizational Learning or Networks.

Learning outcomes:
This course aims at providing an overview of the key issues and arguments within organization theory. Additionally, it systematically applies theory to practical organizational challenges to highlight the value of theory for organizational analysis and decision making.

Prerequisites:
Formal: -
Recommended: Basic bachelor-level knowledge on organization and management

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Form of assessment
Written exam (60 Min., 60%), assignment (mini-case study) & group presentation (40%)

Preliminary course work
- 

Lecturer/Person in charge
Prof. Dr. Karin Hoisl

Duration of module
1 semester

Offering
Fall Semester

Language
German

Program-specific educational goals
LG 1

Grade
graded

Range of application
Module: MAN 693 Strategic Intellectual Property Management

Contents:
Strategic Intellectual Property (IP) Management is becoming ever more important. IP management does not simply mean filing and maintaining different forms of intellectual property (patents, trademarks, copyright, or trade secrets) or concluding licensing deals. IP has to be integrated with overall business model design and corporate strategy. This course offers a broad introduction to the types and integrated use of IP. Economic rationales for the increasing contribution of IP rights will be analyzed. Furthermore, it relates IP to current trends in Innovation and Strategic Management like Open Innovation and the development of markets for IP and technology.

Learning outcomes:
This course helps students develop an understanding of different types of IP rights, enables them to evaluate business situations involving IP rights, and to work up appropriate IP strategies for organizations of different sizes (startups, SMEs, MNEs) or active in different industries.

Prerequisites:
Formal: -
Recommended: Basic bachelor-level knowledge on organization and management

Obligatory registration: yes
Further Information on registration:
Website of the chair / “Student Portal”

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Form of assessment: Written exam (60 Min.)
Preliminary course work: -
Lecturer/Person in charge: Prof. Dr. Karin Hoisl
Duration of module: 1 semester
Offering: Fall Semester
Language: English
Program-specific educational goals: LG 1
Grade: graded
Module: MAN 721 Research Seminar Organization and Innovation

Contents:
The seminar deals with current topics in the field of strategic organization and innovation research. Participation in the seminar will enable students to independently explore a research topic in a written paper. Students will get acquainted with basic literature research techniques and will learn how to organize and structure their research. Furthermore, students will be introduced to presentation techniques and how to present research findings.

Learning outcomes:
Students learn how to conduct high quality research in the areas of Organization & Innovation, they will independently write a paper about a topic in Organization & Innovation and present and discuss their results in class. Successful seminar attendance qualifies the students to write their master thesis at the Chair of Organization and Innovation.

Prerequisites:
**Formal:** Innovation Management (MAN 690) or Organizational Behavior (MAN 691) or Strategic Innovation Management (MAN 658) or Organisationstheorie (MAN 692) or IP Management (MAN 693) - parallel attendance possible

**Recommended:** Master-level knowledge on organization and management

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<th>Written seminar thesis (70%), presentation (30%)</th>
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*The seminar papers may be written and the presentation be held in English (prerequisite for English tracks). However, prerequisite for applying is a sufficient knowledge of the German language to understand German presentations and discussions.*

Program-specific educational goals | LG 1, LG 5 |
---|---|
Grade | graded |

Contents:
The seminar discusses relevant topics in the area of human resource management (fall semester) or leadership (spring semester). A focus is on empirical evidence in the respective research domain.

Learning outcomes:
Within the research seminar, participants will gain the ability to structure a research problem, assess existing scientific evidence, write a scientific paper, and discuss their findings in class.

Prerequisites:
Formal:
MAN 640 or  
MAN 641 or  
MAN 642 or  
MAN 645 or  
MAN 646 or  
MAN 647 or  
MAN 648

Recommended: -

Obligatory registration: yes

Further Information on the registration:
Website of the chair / “Student Portal”

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Form of assessment
Written seminar thesis and presentation

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Torsten Biemann

Duration of module
1 semester

Offering
Fall semester and spring semester

Language
German or English

Program-specific educational goals
LG 1, LG 5

Grade
graded

Range of application
## Module: MAN 750 Seminar Corporate Strategy & Governance

### Contents:
The research seminar aims at advancing students’ expertise in corporate strategy and governance research. By critically reviewing the extant body of research and conducting complementary analysis, students are meant to distil scientifically grounded insights on topics of both theoretical and practical relevance and to derive fruitful avenues for future research.

### Learning outcomes:
The students are supposed to acquire and demonstrate expert knowledge about the evolution of and current state-of-the-art in relevant substreams of corporate strategy and governance research. Against the backdrop of this knowledge, students will be able to critically reflect upon contemporary theories, models and research approaches applied in corporate strategy and governance research. Students will be able to develop and deliver effective presentations on their conceptual and empirical work.

### Prerequisites:

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### Obligatory registration:

- yes

### Further Information on the registration:

Website of the chair / “Student Portal”

### Courses

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### ECTS in total

- 6

### Form of assessment

- Portfolio (depends on the form/focus of the seminar); compulsory attendance

### Preliminary course work

- 

### Lecturer/Person in charge

- Prof. Dr. Matthias Brauer

### Duration of module

- 1 semester

### Offering

- Spring and fall

### Language

- English

### Program-specific educational goals

- LG 1, LG 5

### Grade

- graded

### Range of application

# Module: MAN 761 CSR Research Seminar

## Contents:
In this course, participants learn to plan and execute a quantitative empirical study in the area of CSR research and report their results in the form of a research paper. This involves reviewing the relevant literature, defining the research gap, formulating research hypotheses, reporting the empirical study as well as the results, and discussing the results with regard to their implications for research and managerial practice.

The seminar grade is composed of two parts: Presentation and discussion of the results (1/3) and the written research paper (2/3). The paper should not exceed 12 pages (formatting guidelines: APA style; language: English). The length of the presentation should not exceed 20 minutes (+10 minutes discussion). Depending on the specific topic, students either work on the subject individually or in small teams.

If you have further questions, please contact Inken Blatt (inken.blatt@bwl.uni-mannheim.de).

## Learning outcomes:
After participation in the course, students are able to plan and execute a quantitative empirical study, analyze the data, and interpret the findings.

## Prerequisites:
**Formal:** -
**Recommended:** Participants should have visited the lecture “Corporate Social Responsibility” (CC504), no previous knowledge on quantitative empirical methods required

## Obligatory registration: yes

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<th>Courses</th>
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| ECTS in total | 6             |

## Form of assessment
Presentation & Research paper

## Preliminary course work
-

## Lecturer/Person in charge
Prof. Dr. Laura Marie Schons

## Duration of module
1 semester

## Offering
Fall semester and spring semester

## Language
English

## Program-specific educational goals
LG 1, LG 4, LG 5

## Grade
graded

## Range of application
Module: MAN 770 Research Seminar

Contents:
The aim of this seminar is to prepare students for writing an empirical master-thesis in family business & entrepreneurship research. The content of this seminar allows students to get an overview regarding current research questions in the area of empirical family business research and entrepreneurship and to work in-depth on one the topics of this research realm. The content focus within the area of empirical family business research and entrepreneurship research may take varying forms depending on the semester. Regarding methods the students will be familiarized with the fundamental econometric methods which area applied in the area of empirical family business & entrepreneurship research.

Learning outcomes:
The students will to apply statistical software (STATA) and will be familiarized to work with the empirical research databases such as Worldscope, Datastream, CRSP, WRDS, Amadeus or Compustat. Moreover, the course teaches the students to understand and apply methods in line with the current state of research and provides access to current research topics in the area of empirical family business and entrepreneurship research.

Prerequisites:
Formal: MAN 630, MAN 631, MAN 632 or MAN 633 (Parallel attendance possible)
Recommended: For participation in the seminar of our chair we recommend to follow the lectures of the chair. In particular, we recommend to have heard module CC 502 Applied Econometrics, is this is the methodological basis for some of the topics covered in the seminar. Fundamental statistical/econometrical knowledge is regarded as a prerequisite and we also expect the motivation to work empirically. Sound knowledge of English language is a prerequisite, as the seminar is kept in English language.

Obligatory registration: yes Further Information on registration: Homepage of the Chair

Courses
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ECTS in total 6

Form of assessment Participation, oral presentation, written (empirical) assignment

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Michael Woywode

Duration of module 1 semester

Offering Fall semester and spring semester

Language English or German

Program-specific educational goals LG 1, LG 5

Grade graded

Module: MKT 510 Price and Product Management

Contents:
This module deals with two important components of the marketing mix: price and product management. With regard to price management the fundamentals of pricing decisions will be discussed as well as classic pricing theory and behavioral pricing. Furthermore, a focus of the lecture will be on determining optimal prices and on price implementation. The part on product management is concerned with all decisions related to the current and future product portfolio and includes all stages of the product life cycle with a special focus on innovation management and the management of products already established in the market. Finally, the module covers fundamental models of product choice and major aspects of brand management.

Learning outcomes:
At the end of this module, students will understand the relevance of pricing and product decisions and become familiar with important instruments/tools of price and product management. Especially, they know and understand the fundamentals of pricing decisions which are rooted in micro economics and psychological theory and they are able to derive detailed recommendations for actions regarding all areas of product decisions. In addition, the students will be able to apply analytical tools used to make pricing and product decisions.

Prerequisites:
Formal: -
Recommended: Basic marketing knowledge on Bachelor level / B.Sc. Business Administration

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<td>Exercise class</td>
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ECTS in total 6

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Dr. h.c. mult. Christian Homburg

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

**Module: MKT 520 Market Research**

**Contents:**
This module gives an overview of the market research process and deals with methods for data analysis and interpretation. The emphasis is on multivariate methods of data analysis. In presenting those analytical methods, a special focus is on discussing strengths and weaknesses of different methods and on possible fields of application in market research projects. Moreover, the application of different methods by means of common statistical software packages will be demonstrated.

**Learning outcomes:**
Participants gain a sound knowledge of how market research projects are conducted and are able to critically evaluate market research projects. Especially, students will have an understanding of the data analysis methods used in market research and how these are applied by means of statistical software. The students are familiar with the strengths and weaknesses of the presented methods and know their fields of application within market research projects.

**Prerequisites:**
- **Formal:**
- **Recommended:** Module CC 503, Basic marketing and statistic knowledge on Bachelor level / B.Sc. Business Administration

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<td>Exercise class</td>
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ECTS in total: 6

**Form of assessment**
Written exam (60 min.)

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Florian Kraus

**Duration of module**
1 semester

**Offering**
Spring semester

**Language**
English

**Program-specific educational goals**
LG 1, LG 2

**Grade**
graded

**Range of application**
Module: MKT 531 Marketing Theory

Contents:
Marketing begins and ends with the consumer - from understanding consumer preferences and needs to providing consumer satisfaction. Thus, a clear understanding of consumers is critical in successfully managing the marketing function in any organization. This module examines the nature of consumer behavior and consumer decision process. The effects of psychological influences (such as learning, motives, perception, and beliefs and attitudes) on consumer behavior and decision making are discussed. Understanding consumers' behavior and the irrationality of the human decision-making process is key to developing winning marketing strategies for advertising, branding, pricing or promotions.

Learning outcomes:
Students develop an understanding of important theories in marketing and its relevance within business administration. More precisely, they will be able to critically discuss and apply models and theories of consumer behavior, such as prospect theory and mental accounting. They will further know about the foundations of social psychology, including feeling-as-information theory, attachment theory, attribution theory of motivation, and cognitive dissonance theory. Based on these foundations, they will be able to reflect on consumer perception as well as on concepts of consumer learning, memory, motivation, and attitudes, which altogether imply on consumer decision processes. In addition to their knowledge on marketing theory, they will be able to assess various frameworks and tools in this regard, e.g., marketing mix strategies and market analysis as well as segmentation.

Prerequisites:
Formal: Not taken MKT 530
Recommended: Basic marketing knowledge on Bachelor level / B.Sc. Business Administration

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- 116 -
**Module: MKT 545 Customers, Markets and Firm Strategy**

**Contents:**
This module provides new and articulate strategy concepts, analytical frameworks, and hands-on tools for students to execute industry analyses and develop competitive strategies. Building on consumer behavior, customer analytics, industry analyses and strategy foundations, it helps analyze the competitive behavior of firms (including pricing, market positioning, product development, expansion, entry and deterrence) under various economic conditions of industry structure.

**Learning outcomes:**
By the end of the module students are able to execute industry analyses and develop competitive strategies. In particular, students will have a deep understanding of identifying customers’ preferences, needs and willingness-to-pay. Taking this understanding of consumer into account, students are able to analyze the principles and foundations of business strategies from the interrelationship of product demand, market environments and firms’ characteristics. Moreover, students are capable of executing industry analyses, uncovering durable economic principles that are applicable to different strategic situations. That means, course participants gain a profound understanding of how firms compete and organize themselves and how firms have to make good strategic marketing decisions.

**Prerequisites:**
- **Formal:** Not taken MKT 650
- **Recommended:** Basic marketing knowledge on Bachelor level / B.Sc. Business Administration

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**Form of assessment**
Written exam (90 min.)

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Florian Stahl

**Duration of module**
1 semester

**Offering**
Spring semester

**Language**
English

**Program-specific educational goals**
LG 1, LG 3

**Grade**
graded

**Range of application**
Module: MKT 560 Services Marketing

Contents:
Students get an insight into and understand current developments and marketing-specific characteristics of the services industry. Accordingly, at the end of the module students will be able to apply and adapt their knowledge of marketing strategies, concepts and instruments to specific problems in services marketing context. The lecture is supplemented through case study discussions.

Learning outcomes:
Students get an insight into and understand current developments and marketing-specific characteristics of the services industry. Accordingly, at the end of the module students will be able to apply and adapt their knowledge of marketing strategies, concepts and instruments to specific problems in services marketing context. The lecture is supplemented through case study discussions.

Prerequisites:
Formal: -
Recommended: Basic marketing knowledge on Bachelor level

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Module: MKT 580 Digital Marketing Strategy

Contents:
Businesses worldwide have been facing a fundamental change in the ways that customers interact with companies, brands, and each other. From a marketing perspective, customers now have louder voices than they used to, they are more socially connected than they ever have been, they expect more from companies and brands, and information reaches them faster than ever before. The rise of digital technologies is thus offering the field of marketing new possibilities for creating, communicating, delivering, and exchanging value to customers. In light of these fundamental changes, the overarching goal of this course is to establish a perspective on marketing’s new role in the age of social/digital/mobile.

Learning outcomes:
The course will equip students with the relevant knowledge, perspectives, and practical skills required to develop marketing strategies that leverage the opportunities offered by digital technologies for achieving business and marketing goals. The emphasis of this course is on understanding what the various digital platforms offer to companies, how to build digital marketing strategies, and how to track their effectiveness.

Prerequisites:
Obligatory registration: yes

Further Information on the registration:
Website of the chair / “Student Portal”

Courses

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ECTS in total 4

Form of assessment
Written Exam (60 minutes) 60 %, Presentation 40 %

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Sabine Kuester

Duration of module
1 semester

Offering
Fall semester

Language
English

Learning Goals
LG 1, LG 3, LG 5

Grade
graded

Range of application
### Module: MKT 550 International Course – Marketing

#### Contents:
- depends on course taken abroad

#### Learning outcomes:
- depends on course taken abroad

#### Prerequisites:

**Formal:**
- The course level equals a regular 500-level course or 600-level course in the Master in Management program.

**Recommended:**
- The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

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ECTS in total: depends on course taken abroad

#### Form of assessment
- depends on course taken abroad

#### Lecturer/Person in charge
- Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course

#### Duration of module
- 1 semester

#### Offering
- fall or spring semester

#### Language
- English preferred, but any other language possible if Mannheim faculty member is able to identify content and level

#### Program-specific educational goals
- LG 1, LG 3

#### Grade
- graded

#### Range of application
- M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations
Module: MKT 611 Sales Management and Customer Relationship Management

Contents:
The module deals with the basic marketing task of serving, retaining and developing customers from an instrumental and strategic perspective. Accordingly, the lecture is divided into the two components sales management and customer relationship management. Thereby, sales management deals with the fundamentals of channel design, the management of external sales partners and the internal sales force as well as the basics of personal selling. In the part customer relationship management, the students will learn how to achieve customer loyalty and how to increase the value of the customer relations from a long-term perspective.

Learning outcomes:
Students understand and can apply the instruments of sales management and customer relationship management. They are aware of the benefits and implications of long-term customer relationships and how these customer relationships can be managed actively. At the end of this module the students can apply their knowledge about sales strategies, concepts and instruments in practice.

Prerequisites:
Formal: -
Recommended: Module MKT 510

Obligatory registration: no
Further Information on registration: -

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ECTS in total 4

Form of assessment
Written exam (60 min.): 80%,
Group work (Cases): 20%

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Dr. h.c. mult. Christian Homburg

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: MKT 612 Business-to-Business-Marketing

Contents:
In many industries (e.g. consumer goods, retail, metalworking industry) an essential part of transactions is done between companies and organizational clients (also companies or public sector institutions). This lecture deals with the central characteristics of business-to-business markets and their consequences for marketing.

Learning outcomes:
Students understand the characteristics of organizational buying behaviour and the peculiarities of the Marketing Mix in the B2B context. Also, students are aware of different types of business and their implications for marketing. At the end of the course, students are able to apply and adapt marketing strategy, concepts and instruments to business-to-business environments.

Prerequisites:
Formal: Not taken MKT 610
Recommended: Module MKT 510

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ECTS in total 2

Form of assessment Written exam (45 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Florian Kraus

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: MKT 614 Communication Management

Contents:
This module is designed to introduce students into the field of marketing communications and communication management. The emphasis will be on the role of advertising and other promotional mix elements in the integrated marketing communications program of an organization. Attention will be given to the various marketing communication tools used in contemporary marketing including advertising, direct marketing, the Internet and social media. Moreover, the process by which integrated marketing communications programs are planned, developed and executed as well as the various factors and considerations that influence this process are examined.

Learning outcomes:
Students are able to develop a marketing communications program, which requires an understanding of the overall marketing process, customer behavior, communications theory, and how to set goals, objectives and budgets.

Prerequisites:
Formal: Not taken MKT 530 or MKT 532
Recommended: Basic marketing knowledge on Bachelor level / B.Sc. Business Administration

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ECTS in total 4

Form of assessment Written exam (60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Florian Stahl

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

**Module: MKT 621 Global Marketing**

**Contents:**
The module is designed for students who expect to undertake international marketing assignments, work for global corporations or help smaller companies to expand globally. The course portrays opportunities and competitive challenges in global market setting and pays special attention to the issue of standardization versus adaptation of marketing programs.

**Learning outcomes:**
Students will be able to apply their knowledge of marketing concepts to actual international business situations. At the end of the course, students will be able to identify and evaluate opportunities in global markets, to adapt marketing programs for specific markets, and to develop global marketing strategies and programs.

**Prerequisites:**
- **Formal:** Not taken MKT 620
- **Recommended:** Knowledge on Marketing Strategy and Marketing Mix

**Obligatory registration:** yes  
**Further Information on registration:** Website of the hair

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**ECTS in total**  4

**Form of assessment**  
Written exam (60 min.): 60%,  
Case Presentation: 40%

**Preliminary course work**  -

**Lecturer/Persson in charge**  Dr. Elisa Konya-Baumbach

**Duration of module**  1 semester

**Offering**  
Spring semester

**Language**  
English

**Program-specific educational goals**  LG 1, LG 3

**Grade**  
graded

**Range of application**  
Module: MKT 622 Country Manager

Contents:
The module is designed for students who expect to undertake international marketing assignments, work for global corporations or help smaller companies to expand globally. The course portrays opportunities and competitive challenges in regional market setting and pays special attention to the issue of standardization versus adaptation of marketing programs.

Learning outcomes:
Students will be able to apply their theoretical and conceptual knowledge of marketing strategy and international marketing in a hands-on application exercise. Students can sharpen their strategy formulation skills and learn about market dynamics. Students will experience the challenges pertaining to international marketing by playing the role of a category manager for a major consumer products company. The course focuses on the computer simulation Country Manager.

Prerequisites:
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<tr>
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ECTS in total 2

Form of assessment
Simulation result: 50%, strategy outline: 25%, final report: 25%
Only one examination date per semester!

Preliminary course work
- 

Lecturer/Person in charge
Prof. Dr. Sabine Kuster

Duration of module
1 semester

Offering
Spring semester

Language
English

Program-specific educational goals
LG 3, LG 5

Grade
graded

Range of application
## Module: MKT 623 Strategic Marketing Management Simulation

### Contents:
The module is designed for students who expect to undertake assignments within the context of strategic marketing management. This module is concerned with the development, evaluation, and implementation of marketing management elements in a strategic setting. The module deals primarily with an analysis of concepts, theories, techniques, and models in marketing. Basis for the module is a computer simulation in the context of strategic marketing decisions of a leading manufacturer of over-the-counter cold medicine.

### Learning outcomes:
Students will be able to apply their theoretical and conceptual knowledge of marketing management in a hands-on application exercise. Students can hone their understanding within the following four categories:
- Situation Analysis
- STP - Segmentation, targeting and positioning
- Marketing mix (4Ps – product, price, promotion, place)
- Integrated marketing decision-making and analysis

### Prerequisites:
- Formal: -
- Recommended: Solid Understanding of Strategic Marketing Management

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### Courses

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ECTS in total

### Form of assessment
Simulation result: 50%, strategy outline: 25%, final report: 25%

### Preliminary course work
- 

### Lecturer/Person in charge
Prof. Dr. Sabine Kuester

### Duration of module
1 semester

### Offering
Fall semester

### Language
English

### Program-specific educational goals
LG 3, LG 5

### Grade
graded

### Range of application
Module: MKT 710 Research Seminar

Contents:
The seminar is a preparation for writing a master thesis in the field of marketing and introduces students to academic work related to current topics in marketing research. Students independently compile a written paper covering a current research topic and present their research findings in class.

Learning outcomes:
Participation in the seminar will enable students to work academically and independently explore a research topic in the field of marketing. Students will get acquainted with basic literature research techniques and will learn how to organize and structure their research. Furthermore, students will learn how to present their research findings.

Prerequisites:
Formal:
- Enrollment in fall 2009: Modules MKT 520 and MKT 530/531
- Enrollment in fall 2010: Modules MKT 510 and MKT 520 and MKT 530/531
- Enrollment in fall 2012: Modules MKT 510 and MKT 520 and MKT 531/MKT 532 (MKT 614)/MKT 540/MKT 560
- Enrollment in fall 2013: Modules MKT 510 and MKT 520 and MKT 531/MKT 540/MKT 545/MKT 560 (not valid MKT 550, IS/MKT 500) (parallel attendance possible)

Recommended: -

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<td>Form of assessment</td>
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<td>Lecturer/Person in charge</td>
<td>Prof. Dr. Dr. h.c. mult. Christian Homburg</td>
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<td>Offering</td>
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<td>Language</td>
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<tr>
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<tr>
<td>Grade</td>
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</table>
Module: MKT 720 Marketing Seminar

Contents:
The seminar is a preparation for writing a master thesis in the field of marketing and introduces students to academic work. Students get acquainted with basic literature research techniques and learn how to organize and structure their research. Students prepare a written paper covering a particular research topic. The paper is presented and discussed with other students in class.

Learning outcomes:
Participation in the seminar will enable students to address all aspects of exploring a research topic in the field of marketing. Students learn how to identify research gaps, to formulate research questions and to position and motivate a particular topic, how to develop a conceptual/theoretical framework for the topic, how to conceptualize and operationalize the focal constructs, how to prepare a review of related empirical studies and how to derive theoretical and managerial implications of their research. Furthermore, students get familiar with presentation techniques.

Prerequisites:
Formal:
- Enrollment in fall 2009: Modules MKT 520 and MKT 530/531
- Enrollment in fall 2010: Modules MKT 510 and MKT 520 and MKT 530/531
- Enrollment in fall 2012: Modules MKT 510 and MKT 520 and MKT 531/MKT 532 (MKT 614)/MKT 540/MKT 560
- Enrollment in fall 2013: Modules MKT 510 and MKT 520 and MKT 531/MKT 540/MKT 545/MKT 560 (not valid MKT 550, IS/MKT 500) (parallel attendance possible)

Recommended:

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ECTS in total 6

Form of assessment Written paper: 70%, presentation: 30%

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Florian Stahl

Duration of module 1 semester

Offering Fall semester and spring semester

Language German/English

Program-specific educational goals LG 1, LG 5

Grade graded

**Module: MKT 730 Marketing Seminar Prof. Kuester**

**Contents:**
Participation in the seminar will enable students to independently explore a research topic by compiling and discussing both theoretical foundations and empirical studies in a written paper. Students will get acquainted with basic literature research techniques and will learn how to organize and structure their research. Furthermore, students will be introduced to presentation techniques and how to present their research findings.

**Learning outcomes:**
The seminar introduces students to academic work related to current topics and challenges regarding relevant and interesting issues in marketing.

**Prerequisites:**
**Formal:**
- Enrollment in fall 2009: Modules MKT 520 and MKT 530/531
- Enrollment in fall 2010: Modules MKT 510 and MKT 520 and MKT 530/531
- Enrollment in fall 2012: Modules MKT 510 and MKT 520 and MKT 531/MKT 532 (MKT 614)/MKT 540/MKT 560
- Enrollment in fall 2013: Modules MKT 510 and MKT 520 and MKT 531/MKT 540/MKT 545/MKT 560/MKT 580 (not valid MKT 550, IS/MKT 500)  (parallel attendance possible)

**Recommended:**
- Obligatory registration: yes

**Further Information on registration:**
Website of the chair

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**ECTS in total**
6

**Form of Assessment**
The paper will account for 60% of the overall grade; the presentation will account for 40% of the overall grade.

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Sabine Kuester

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
German, English

**Program-specific educational goals**
LG 1, LG 5

**Grade**
graded

**Range of application**
Module: MKT 740 Research Seminar

Contents:
The seminar introduces students to academic work and therefore provides the basis for writing a master thesis in the field of marketing. Students individually prepare a written paper covering a current research topic and present their research findings in class.

Learning outcomes:
Students will get acquainted with basic research techniques and will learn how to organize and structure their research. Furthermore, students will be introduced to presentation techniques.

Prerequisites:
**Formal:**
- Enrollment in fall 2009: Modules MKT 520 and MKT 530/531
- Enrollment in fall 2010: Modules MKT 510 and MKT 520 and MKT 530/531
- Enrollment in fall 2012: Modules MKT 510 and MKT 520 and MKT 531/MKT 532 (MKT 614)/MKT 540/MKT 560
- Enrollment in fall 2013: Modules MKT 510 and MKT 520 and MKT 531/MKT 540/MKT 545/MKT 560 (not valid MKT 550, IS/MKT 500) (parallel attendance possible)

Recommended: -

Obligatory registration: yes

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<tr>
<td>Seminar</td>
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ECTS in total 6

Form of assessment
- Written paper: 70% of the final grade, presentation: 30% of the final grade

Preliminary course work
- Prof. Dr. Florian Kraus

Lecturer/Person in charge
- 1 semester

Duration of module
- Fall semester and Spring semester

Language
- English

Program-specific educational goals
- LG 1, LG 5

Grade
- graded

Range of application
Module: OPM 501 Logistics Management

Contents:
Producing goods individually on the spot, right when and where customers demand them is not economically and technically feasible, in general. The logistics function bridges the temporal and geographical gaps between production and consumption. This involves transportation and storage, but also sorting and allocation processes. Advances in information and communication technology have been transforming the underlying economics. In addition, the interaction between different supply chain members has been recognized as a key factor. This course aims to provide insight into key decisions regarding the design and management of logistics activities. To this end, it introduces quantitative models that link managerial levers to logistics performance, thereby allowing appropriate trade-offs. Core topics include capacity management, logistics network design, and transportation planning.

Learning outcomes:
This course helps students understand how to align logistics decisions with an underlying business strategy. Students will become acquainted with fundamental logistics planning tasks. The course enables them to analyze logistics decisions by means of quantitative techniques and to make the right trade-offs between different performance criteria.

Prerequisites:
Formal: -
Recommended: Basic knowledge in operations management (e.g. BSc course “OPM 301 Operations Management”), basic knowledge in mathematics (including Linear Programming) and in statistics (probability distributions)

Obligatory registration: no
Further Information on registration: -

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<td>Exercise class</td>
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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Moritz Fleischmann

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: OPM 502 Inventory Management

Contents:
Matching supply with demand constitutes the temporal dimension of logistics. Inventories allow companies to decouple supply and demand and thereby to design the supply processes more efficiently. However, inventories come at a cost. This course discusses different roles that inventory can play in the supply chain. It introduces quantitative models that capture the trade-off between inventory holding costs and performance. The course also complements supply-side inventory management with demand-side revenue management techniques. Core topics of this course include demand forecasting, lot sizing, safety stocks, and revenue management.

Learning outcomes:
In this course, students will learn how inventories can be used to manage supply chain performance. They will learn to distinguish different functions of inventory in different supply chain environments. The course enables students to analyze inventory systems quantitatively and to determine the right inventory levels to achieve given performance objectives. Students will also get acquainted with the basic principles of revenue management and understand how these are interrelated with inventory management.

Prerequisites:
Formal:  
Recommended: Basic knowledge in operations management (e.g. BSc course “OPM 301 Operations Management”), basic knowledge in mathematics (including Linear Programming) and in statistics (probability distributions)

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<td>Exercise class</td>
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ECTS in total 6

Form of assessment  Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge  Prof. Dr. Moritz Fleischmann

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: OPM 503 Transportation I – Land Transport and Shipping

Contents:
This lecture gives an overview about market developments in road and rail transport, inland
and maritime shipping. Part of this is the overview of present and future transportation
Technologies. General business developments in the shipping, trucking, and railway industries
are discussed as well as individual strategies of companies active in these transportation
Sectors. Another focus is laid on the developments of transportation policy, which is still an
important framework for the business activities of transportation companies. As traffic
Infrastructure is a key factor for the performance of transportation services, the possibilities
For an optimization of the use of the existing traffic infrastructure are discussed. Attention is
Not only given to the developments in Germany, but also to the developments in Europe and
Other world regions.

Learning outcomes:
Students will understand the dynamics and interdependencies of the markets for land transport,
Maritime shipping, and inland navigation. The students will also understand the role of
Transport for the globalization of the world’s economy and for the supply chain management.

Prerequisites:
Formal: -
Recommended: -

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Courses

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ECTS in total 4

Form of assessment Written exam (45 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Borislav Bjelicic

Duration of module 1 semester

Offering Spring semester

Language German

Program-specific educational goals LG 1

Grade graded

Module: OPM 504 Transportation II – Aviation

Contents:
This lecture gives an introduction to the quickly changing world of airline companies and their business activities. The topics of the lecture are: aviation history, aviation technology, aviation and environment, air traffic development (historic and forecast), air transport policy, airline management (strategy, operations, financing, marketing & sales etc.), air cargo transport, airports and air traffic control systems.

Learning outcomes:
Students will understand the dynamics and interdependencies of the global aviation industry. They learn about the characteristics of airline management in various areas.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: no
Further Information on registration: -

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ECTS in total 4

Form of assessment
Written exam (45 min.)

Preliminary course work -

Lecturer/Person in charge
Prof. Dr. Borislav Bjelicic

Duration of module
1 semester

Offering
Fall semester

Language
German

Program-specific educational goals
LG 1

Grade
graded

Range of application
## Module: OPM 561 Production Management: Lean Approaches and Variability

### Contents:
This course introduces planning tasks for the design and management of production systems from the strategic to the operational level. The first part of the course deals with a classification of different production systems and the characterization of design problems for flow production systems. We discuss lean production principles and the influence of variability on performance measures. The second part of the course covers control and scheduling decisions.

This course aims to provide insights into the key decisions regarding the design and management of lean production systems. For this purpose, quantitative models for the performance analysis and optimization of such production systems are discussed, as well as several solution approaches for different planning tasks are covered. Selected problems are implemented and solved using standard software.

### Learning outcomes:
Student will
- develop skills for quantitative planning in the field of production management,
- have an overview of requirements, objectives and key concepts in lean production management, and
- understand reasons and effects of variability in operations management

### Prerequisites:

**Formal:**

- 

**Recommended:** Basic knowledge in operations management (e.g. BSc course “Produktion” or “OPM 301 Operations Management”), basic knowledge in mathematics (including Linear Programming) and in statistics (probability distributions)

### Obligatory registration:

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**ECTS in total:** 6

**Form of assessment**
Assignment(s)/work on case studies (individual and/or in groups, maximum 30 points), written exam (maximum 60 point)

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Raik Stolletz

**Duration of module**
1 semester (only first half of the semester)

**Offering**
Fall semester

**Language**
English

**Program-specific educational goals**
LG 1, LG 3

**Grade**
graded

**Range of application**
Module: OPM 581 Service Operations Management

Contents:
Services are the largest and fastest growing segment of our economy. However, services pose particular challenges to managers due to their intangible and experiential nature, time-sensitivity/perishability and high levels of customer involvement. Accordingly, managing services requires tight integration between operations, marketing, strategy, technology, and organizational issues from an integrated viewpoint with a focus on the customer. Therefore, it is important to understand both how services differ from manufacturing operations and to understand the potential and limitations of how traditional operations management techniques can be applied to services.

This course provides managerial concepts and selected analytical tools for effectively and efficiently managing service operations in face of these challenges. In particular, we will look at critical management decisions related to service strategy development, service operations design, process analysis, capacity management, service pricing and revenue management, service quality management, customer relationship management, etc.

For understanding and developing the managerial concepts underlying productive service systems, we will rely on fundamental theory, state-of-the-art research insights, and actual case studies of firms that have achieved long-term profitability in practice. Applications cover a broad range of service industries, such as transport and communication, retailing, hospitality, professional services, e-services, as well as service functions of the manufacturing sector.

Learning outcomes:
Students will 1) get familiarized with the challenging decisions and problems in service (operations) management, and 2) learn concepts, analytical tools and managerial insights to deal with these issues in order to gain competitive advantage through service operations.

The course should be useful for anyone with an intention of going into professional services such as consulting; into industry (service or manufacturing), where the importance of managing service processes is increasing every day; or with a desire to set up their own service business.

Prerequisites:
Formal: -
Recommended: Basic knowledge in operations management, basic knowledge in mathematics (including Linear Programming) and in statistics (probability distributions).

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<td>Exercise</td>
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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Cornelia Schön

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3
<table>
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</table>
Module: OPM 582 Case Studies in Service Operations Management

Contents:
Services are the largest and fastest growing segment of our economy. However, services pose particular challenges to managers due to their intangible and experiential nature, time-perishability, and high levels of customer involvement. Accordingly, managing services requires tight integration between operations, marketing, strategy, technology, and organizational issues from an integrated viewpoint with a focus on the customer in order to gain competitive advantage.

This course reviews managerial concepts and selected analytical tools for effectively and efficiently managing service operations in face of these challenges. In particular, we will explore the theory by applying it to various cases studies of firms covering a broad range of service industries, such as transport and communication, retailing, hospitality, professional services, e-services, as well as service functions of the manufacturing sector.

Case topics will be allocated at the beginning of the course based on student preferences. Students will work in teams of two on the assigned case.

Learning outcomes:
Students will intensify their understanding of operations and service operations management by applying concepts and analytical tools in a broader, interdisciplinary and strategic context to practical case studies.

The course should be useful for anyone with an intention of going into professional services such as consulting; into industry (service or manufacturing), where the importance of managing service processes is increasing every day; or with a desire to set up their own service business.

Prerequisites:
Formal: -
Recommended: Participants should be familiar with the fundamentals of operations management and service operations management. Furthermore, students need a basic knowledge in mathematics (including linear programming) and in statistics (probability distributions).

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<td>Exercise class</td>
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ECTS in total: 6

Form of assessment: Assignment(s)/work on case studies: final team report (60%), final presentation (30%), individual class participation (10%)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Cornelia Schön

Duration of module: 1 semester

Offering: Fall semester

Language: English

Program-specific educational goals: LG 1, LG 3, LG 5
<table>
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<th>Grade</th>
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</table>
Module: OPM 591 Strategic Procurement

Contents:
During the last decades, the value sourced from suppliers and innovation stemming from the supply base have increased substantially in many industries. Consequently, purchasing’s role has shifted from a clerical support role in the corporate hierarchy to a truly strategic and proactive role that drives growth, innovation, and value creation. Today, most organizations consider the management of their suppliers as a key strategic issue. Given its potential to contribute significantly to firm performance, the procurement function receives strong top management attention.

This module provides a broad survey of modern procurement theory and practice from a strategic perspective. Topics include the design and implementation of procurement strategies, processes, organizational structures, and performance measurement systems, as well as the management of supplier portfolios, buyer-supplier relationships, and supplier innovation to meet firms’ strategic supply needs.

The module consists of regular lectures and exercise classes in which extended and short cases will be discussed. High-caliber guest speakers will serve as a rich source of practical insights.

Learning outcomes:
This course is recommended for anyone seeking an introduction to procurement and, more generally, a better understanding of upstream supply chain operations.

The main intended learning outcome is to obtain the basic knowledge that enables further steps in procurement research and practice. Based on current theories and a broad coverage of topics, participants will learn how to analyze, structure, and tackle strategic problems surrounding the procurement function.

Prerequisites:
Formal: -
Recommended: Basic knowledge in supply chain and/or operations management

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<th>Further Information on the registration: -</th>
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<td>Exercise class</td>
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<td>ECTS in total</td>
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Form of assessment: Written exam (90 min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Christoph Bode

Duration of module: 1 semester

Offering: Fall semester

Language: English

Program-specific educational goals: LG 1, LG 3

Grade: graded

Module: OPM 550 International Course – Operations Management

**Contents:** depends on course taken abroad

**Learning outcomes:** depends on course taken abroad

**Prerequisites:**

**Formal:** The course level equals a regular 500-level course or 600-level course in the Master in Management program.

**Recommended:** The module can be taken during a study abroad term / semester and complements the Mannheim curriculum of the student.

<table>
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<th>Hours per week</th>
<th>Self-study</th>
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<td>depends on course taken abroad</td>
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ECTS in total: depends on course taken abroad

**Form of assessment:** depends on course taken abroad

**Lecturer/Person in charge:** Lecturer at the host university; in Mannheim the respective Teaching Area is responsible for assessment of course

**Duration of module:** 1 semester

**Offering:** fall or spring semester

**Language:** English preferred, but any other language possible if Mannheim faculty member is able to identify content and level

**Program-specific educational goals:** LG 1

**Grade:** graded

**Range of application:** M.Sc. MMM, M.Sc. MMBR, other Master programs, depends on respective study regulations
Contents:
Fulfilling a customer order typically involves multiple parties, such as suppliers, manufacturers, wholesalers, and retailers, each of them having their own objectives. At the same time, all parties are dependent on each other to serve the final customer. Supply chain management addresses the interplay between individual objectives and overall supply chain performance. The key insight is that supply chain coordination can generate a win-win situation, benefiting all supply chain members. This course discusses the need for supply chain coordination and introduces several mechanisms for achieving it. Key topics include supply chain coordination, incentive alignment, supply chain contracts, and information asymmetries.

Learning outcomes:
Students will understand the potential of coordinated decision making along the supply chain. They will also be aware of obstacles that complicate this coordination. The students will get to know mechanisms for aligning incentives of different supply chain members, e.g. by means of appropriate contracts. They will be able to quantify the effects of these mechanisms by means of corresponding mathematical models.

Prerequisites:
Formal: At least one of the modules OPM 501, 502, 561, 581, or 582 (parallel attendance possible)
Recommended: Participants should be familiar with the fundamentals of operations management and logistics. Specifically, the course builds on topics covered in the modules OPM 501 and OPM 502. Participants who have not attended these modules will require additional preparation. The course further assumes a basic knowledge in mathematics (including Linear Programming) and in statistics (probability distributions).

Obligatory registration: no Further Information on registration: -

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<td>Exercise class</td>
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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Moritz Fleischmann

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

Module: OPM 661 Business Analytics: Robust Planning in Stochastic Systems

Contents:
A major driver of the performance of operations systems is stochastic variability. For example, production systems often operate in an uncertain environment due to uncertain demand, unreliable machines or random processing capacities. In order to support robust decisions we apply analytical solution approaches. The basic concepts of the analysis of Markovian queueing systems are developed in detail. Advanced topics such as queueing systems with general distributions, heterogeneities, and time-dependent input parameters are covered. Additionally, economies of scale and the value of flexible capacities are discussed. Several methods and performance measures of robust planning and optimization are introduced. Students become familiar with a tool for the analysis of stochastic systems. It is used to perform sensitivity analyses to develop managerial insights.

Learning outcomes:
Students learn to understand the impact of stochastic variability in operations systems. After this course students are familiar with the theory and practice of the analysis of stochastic systems. They learn to adapt and to apply analytical approximations and robust planning methods to support managerial decisions.

Prerequisites:
Formal: At least one of the modules OPM 501, 502, 561, or 581 (parallel attendance possible); other modules may be accepted upon request.
Recommended: Participants should be familiar with the fundamentals of production and operations management. The course further assumes a basic knowledge in mathematics (including linear programming) and in statistics (probability distributions).

Obligatory registration: no | Further information on registration: -

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<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
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<tbody>
<tr>
<td>Lecture / Exercise class</td>
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</table>

ECTS in total | 6

Form of assessment | Written exam (maximum 70 points), case study (maximum 20 points)

Preliminary course work | -

Lecturer/Person in charge | Prof. Dr. Raik Stolletz

Duration of module | 1 semester (only first half of the semester)

Offering | Spring semester (irregular)

Language | English

Program-specific educational goals | LG 1, LG 3

Grade | graded

### Module: OPM 662 Business Analytics: Modeling and Optimization

#### Contents:
This course introduces mathematical modeling approaches for planning and scheduling of operations. Operational and tactical planning tasks are formulated as linear and mixed-integer linear programming models. All lectures will be given in a computer lab, where the optimization models are implemented and solved using standard software. Different heuristic techniques to cope with high complexity are introduced and implemented. During the course the students will work on several case studies and assignments (individual and in groups).

#### Learning outcomes:
Students learn how to formulate production planning and scheduling problems as mixed-integer linear models and how to implement them in standard software to derive optimal plans/schedules. The students also learn to deal with the complexity of real-world problems (e.g., via aggregation, relaxation, and decomposition techniques) and how to perform sensitivity analyses in order to get useful managerial insights.

#### Prerequisites:

**Formal:** Module OPM 561 of the Area Operations Management; other modules may be accepted upon request.
Successful application as described at this course’s website and the ‘Student Portal’.

**Recommended:** The course assumes a basic knowledge in mathematics (including linear programming).

#### Obligatory registration: yes
Further information on registration: Website of the chair and “Student Portal”

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<tr>
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</table>

ECTS in total 6

**Form of assessment**
Assignments and presentations (70%), final practical or oral exam (30%)

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Raik Stolletz

**Duration of module**
1 semester (only second half of the semester, after the exam of OPM 561)

**Offering**
Fall semester (irregular)

**Language**
English

**Program-specific educational goals**
LG 1, LG 2, LG 3

**Grade**
graded

**Range of application**
Module: OPM 682 Revenue Management

Contents:
In today's e-business environment, there is an increasing number of unlocked opportunities to increase profits through Revenue Management (RM). RM is a short-term planning instrument in order to effectively match supply and demand and thereby maximize profitability – by selling the right product to the right customer at the right time through the right channel for the right price. RM takes into account that on the supply side, resources to produce these products are usually constrained and often perishable, and therefore, the effectiveness of the abovementioned market-related decisions is highly interrelated with resource allocation decisions.

Today, RM is a large revenue generator for several major industries relying on sophisticated RM systems; Robert Crandall, former Chairman and CEO of American Airlines, has called RM "the single most important technical development in transportation management since we entered deregulation." While airlines have the longest history of development in RM, applications have rapidly diffused beyond airlines to industries such as retailing, hospitality, railways, car rental, telecommunications and financial services, internet service provision, electric utilities, broadcasting and even manufacturing.

For outside observers, RM may seem often like an art. But finally, the most important pillar of RM is analytics – including systematic data analysis, forecasting, and powerful optimization that allows taking all market- and supply-related profit drivers simultaneously into account. This course provides the key ideas, the underlying basic models and state-of-the-art methods of RM.

Learning outcomes:
Students will gain insights into practical applications of Revenue Management. The students get familiar with the underlying models and methods. The students furthermore enhance their analytical skills.

Prerequisites:
Formal: At least one of the modules OPM 501, 502, 561, 581, or 582 (parallel attendance possible); further modules may be accepted by Professor upon request.

Recommended: Participants should be familiar with the fundamentals of Operations Management and Service Operations Management. Furthermore, students need a basic knowledge in mathematics (including linear programming) and in statistics (probability distributions).

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<td>Exercise class</td>
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<td>ECTS in total</td>
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Form of assessment Written exam, optional bonus assignment

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Cornelia Schön

Duration of module 1 semester

Offering Spring semester

Language English
<table>
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<th>Program-specific educational goals</th>
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<td>Grade</td>
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</table>
Module: OPM 691 Supply Risk Management

Contents:
In many industries, the implementation of various efficiency- and/or responsiveness-seeking supply (chain) initiatives has created conditions for supply disruptions to become more widespread and severe. Recent examples have demonstrated that the occurrence of such events can result in substantial losses in shareholder value, sales, production, and reputation for the firms involved.

This module offers an introduction to the timely topic of supply risk management. After a discussion of the key theoretical concepts (risk, disruptions, risk sources, vulnerability) (first part of the module), students are exposed to specific risk management issues in the context of supply chain and purchasing operations (second part of the module). Topics include the different types of supply risks, qualitative and quantitative methods, instruments, and frameworks for risk analysis and monitoring, as well as strategies for managing supply chains under conditions of risk.

Learning outcomes:
The main intended learning outcome is a sound understanding of the key concepts and tools relevant to the management of risks in supply (chain) operations. Special emphasis is put on results from empirical research, practical tools, industry applications, and case studies that illustrate concepts and challenges.

Prerequisites:
Formal: -
Recommended: Good knowledge in supply chain management

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<td>Written exam (60 min.; 70%) plus assignments and presentations (30%)</td>
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<td>Prof. Dr. Christoph Bode</td>
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</table>
Module: OPM 692 Advanced Procurement

Contents:
Looking back over the past twenty years, competitive purchasing approaches created significant value for firms by driving substantial cost savings to the bottom line. However, the widespread usage of professional procurement techniques has eroded the advantages that they had for pioneers in the 1990s and in the early years of the current century. In addition, environmental, competitive, geopolitical, and technological changes have created an uncertain business environment in which a mere focus on purchasing cost will not be sufficient to support sustainable competitive advantage.

Against this backdrop, this module covers advanced approaches in procurement that aim at creating “value beyond cost”. After a detailed analysis of the purchasing process, the module addresses the following core topics: pre-transaction issues (from need specification to supplier selection problems), contracts and contract management, negotiation tactics and strategies, advanced technical (e.g., product teardown analysis) and commercial levers (e.g., reverse auctions) for value optimization, special purchasing situations (e.g., commodities, services), global sourcing, and sustainability in the supply chain context.

The module consists of regular lectures and exercise classes in which extended and short cases will be discussed. Guest speakers from industry will share their management and consulting experiences in procurement.

Learning outcomes:
This course is of interest to students seeking more in-depth knowledge of advanced tools in procurement and more understanding of the mechanisms that build the foundation of procurement research and practice. For each topic covered, concepts, frameworks and analytic tools are presented.

Prerequisites:
Formal: -
Recommended: The module builds on topics covered in the module OPM 591. Participants who have not attended this module might require additional preparation.

Obligatory registration: no
Further Information on the registration:
http://procurement.bwl.uni-mannheim.de

Courses
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ECTS in total 6

Form of assessment Written exam (90 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Christoph Bode

Duration of module 1 Semester

Offering Spring semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3

Grade graded

Module: OPM 701 Research Seminar Supply Chain Management

Contents:
The goal of this seminar is to introduce the participants to the conducting of scientific research. It thereby prepares them for the writing of their Master thesis. Participants will carry out a literature study on a given topic in the field of logistics and supply chain management and discuss the results in a written report and in an oral presentation.

Learning outcomes:
Students will learn how to analyze the academic literature on a given topic. They will become acquainted with the setup and composition of academic publications. They will also learn how to present the results of their analysis.

Prerequisites:
Formal: At least one module OPM 6XX (Parallel attendance possible) or an equivalent module within an exchange program
Recommended: Sound knowledge in logistics and supply chain management; sound quantitative skills; interest in scientific research

Obligatory registration: yes (at the end of the preceding term)
Further Information on registration: Website of the chair

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<td>ECTS in total</td>
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Form of assessment
Presentation, active contribution to class discussion, written report

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Moritz Fleischmann

Duration of module
1 semester

Offering
Fall semester and spring semester

Language
English / German

Program-specific educational goals
LG 2, LG 5

Grade
graded

Range of application
Module: OPM 761 Research Seminar Production Management

Contents:
The goal of this seminar is to introduce the participants to conducting scientific research. Thereby, it prepares the students for the writing of their Master thesis. Participants will independently carry out a literature study on a given topic or analyze a decision model in the field of production management using an optimization or simulation tool. The students discuss their findings in a written report and in an oral presentation.

Learning outcomes:
Students will learn how to analyze academic literature on a given topic in production management. They will become acquainted with the setup and composition of scientific publications. Additionally, they will learn how to present the results of their analysis.

Prerequisites:
Formal: At least one module OPM 6XX (or an equivalent module within an exchange program)
Recommended: The topics are based on the modules OPM 661 or OPM 662; additional preparation is required if students did not attend those modules; sound knowledge in production management; sound quantitative skills; interest in scientific research

<table>
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<th>Further information on registration: Website of the Chair</th>
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<tr>
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<td>Form of assessment</td>
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<td>Offering</td>
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<td>LG 2, LG 5</td>
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<td>Grade</td>
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</table>
## Module: OPM 781 Research Seminar Service Operations

### Contents:
The seminar introduces participants to scientific research in order to prepare them for writing their master thesis. Participants will carry out a literature research on a given topic in service operations management and analyze a related decision problem. Students will report their results in a paper and present their main findings in class.

### Learning outcomes:
Students will learn how to analyze the academic literature on a given topic and thereby get prepared to independently analyze and solve a decision problem in a scientific manner within the management science field. Students will also learn how to the present the results of their analysis.

### Prerequisites:
**Formal:** At least one module OPM 6XX (parallel attendance possible upon request) or an equivalent module within an exchange program.

**Recommended:** Sound knowledge in Operations and Service Operations Management. Profound analytical skills. Interest in working scientifically.

### Obligatory registration:
Yes (at the end of the preceding term)

### Further Information on the registration:
Website of the chair

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<td>ECTS in total</td>
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</table>

### Form of assessment
Written report (60%), presentation (30%), active contribution to class discussion (10%)

### Preliminary course work
- 

### Lecturer/Person in charge
Prof. Dr. Cornelia Schöen

### Duration of module
1 semester

### Offering
Fall semester and Spring semester

### Language
English/German

### Program-specific educational goals
LG 2, LG 5

### Grade
graded

### Range of application
3.2. Changing Course Offer

3.2.1. Area „Accounting and Taxation“

Module: ACC 514 International Financial Reporting & Analysis

Contents:
Several cases which deal with a specific financial accounting topic will be discussed within the context of corporations’ financial statements. Each case will contain financial statement information and a set of specific questions pertaining to one financial accounting issue. The financial statement information will be used to infer and interpret the economic events underlying the numbers. Some cases will be accompanied by a related article taken from the business press which will be incorporated in the questions in the case. Some cases will involve two companies within an industry and the case questions will focus on intercompany comparisons of financial information.

Learning outcomes:
This course is designed to help students become a global user of financial reports. Besides a comprehensive understanding of international accounting regulations, students get familiar with case studies and presentations in class.

Prerequisites:
Formal: -
Recommended: Introductory courses in finance and accounting

Obligatory registration: yes
Further information on registration: Homepage of the chair, Portal2

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ECTS in total 4

Form of assessment Participation: 20%, case presentation: 30 % and final written exam (120 min.): 50%

Preliminary course work -

Lecturer/Person in charge Prof. Favere-Marchesi/ Prof. Dr. Dirk Simons

Duration of module 1 Semester (blocked)

Offering Fall semester

Language English

Program-specific educational goals LG 2, LG 4, LG 5

Grade graded

Module: ACC 573 Selected Issues in IFRS Accounting

Contents:
Current topics of international accounting are discussed and illustrated using case studies. The course is specifically aimed at students with a basic knowledge of financial accounting, who want to deepen their knowledge of selected, practice-oriented issues of international accounting.

Learning outcomes:
Students receive an overview of IFRS accounting. They will gain a systematic understanding of IFRS accounting as well as in-depth knowledge of selected IFRS standards.

Prerequisites:
Formal: -
Recommended: Bachelor-knowledge of financial accounting

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<td>Prof. Dr. Peter Wollmert</td>
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<td>LG 1, LG 3</td>
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<td>Grade</td>
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</table>
Module: ACC 626 Transaction Accounting

Contents:
Topics of transaction accounting are discussed and illustrated using case studies. The course is specifically aimed at students with a basic knowledge of financial and transactional accounting, who want to deepen their knowledge of selected, practice-oriented issues. Six main topics will be covered in-depth: definition of transaction accounting, economic motivation for transactions, private law basics for M&A, transaction accounting under IFRS, carve out transactions, link between financial and tax accounting in an M&A context.

Learning outcomes:
Students receive an overview of accounting aspects of M&A. They will also gain a systematic understanding of all relevant questions and issues in preparing and managing transactions.

Prerequisites:
Formal: -
Recommended: Bachelor-knowledge of financial accounting

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<th>Further Information on the registration: -</th>
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<td>Lecture</td>
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ECTS in total: 4

Form of assessment: Written exam (45 min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Peter Wollmert

Duration of module: 1 semester

Offering: Spring semester

Language: German

Program-specific educational goals: LG 1, LG 3

Grade: graded

Module: ACC 627 Case Studies “Consulting in financial services”

Contents:
In this course, offered jointly with KPMG, current topics from the frontier between financial accounting, consulting, risk management, regulatory law and capital markets with a focus on the financial services sector will be covered. The participants will form groups of three to four students and discuss problem areas of high practical relevance using both practice-oriented and academic approaches. Results will be summarized in a consulting report and presented in a final results presentation. The module’s language is German; however, there is the possibility to deliver the group presentations as well as the consulting report in English as long as a sufficient number of applications for the latter option is available.

Learning outcomes:
Participants are able to discuss and solve complex problems of high practical relevance at the interface of capital markets, financial accounting and auditing. Students know the area of tension between academic case solutions and those related to practice and are able to develop solutions according to both aspects. The consulting report corresponds to standards required by the business practice and is academically founded.

Prerequisites:
Formal: -
Recommended: Bachelor-knowledge of financial accounting and finance

Obligatory registration: yes
Further Information on the registration: Website of the chair/”Student Portal”

Courses
<table>
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<tr>
<td>Lecture / Exercise class</td>
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</table>

ECTS in total 8

Form of assessment Consulting report, 50%; final presentation, 50%

Preliminary course work -

Lecturer/Person in charge Klaus Becker, Prof. Dr. Jens Wüstemann

Duration of module 1 semester

Offering Spring semester

Language German

Program-specific educational goals LG 1, LG 3

Grade graded

**Module: TAX 661 Case Studies in International Tax Planning**

**Contents:**
- International Tax Planning and Tax Structuring using Financing Companies in the case of Outbound Investment
- International Tax Planning and Tax Structuring using Financing Companies in the case of Inbound Investment
- International Tax Planning and Tax Structuring concerning the German „Zinsschranke“ (Thin-Cap-Rule) and other foreign Anti-Avoidance-Rules
- International Tax Planning and Tax Structuring especially considering the Reorganization Tax Act
- International Tax Planning and Tax Structuring especially considering Qualification Conflicts

**Learning outcomes:**
The students learn how to apply their skills in basic taxation on practical cases. The students get a deeper insight into the basics of the most important areas in international tax planning and tax structuring. The students learn how to implement their theoretical knowledge into practical scenarios. Thereby special attention is paid to the application of the wording of law – especially using inaccuracies in law. The students learn to develop international tax planning and tax structuring ideas across different types of taxes.

**Prerequisites:**
Formal: -
Recommended: Knowledge of contents of Module TAX 610 or Module TAX 630

**Obligatory registration:** no

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ECTS in total 4

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<tr>
<th>Form of Assessment</th>
<th>Written exam (45 min.)</th>
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- 156 -
Module: ACC 711 Seminar

Contents:
The Seminar is an introductive course to research in accounting. Students learn to solve problems autonomously and to approach a problem scientifically. Based on a given topic, a research question has to be determined. The question is then to be analyzed in the thesis. In the paper, a literature review is followed by the discussion of a theoretical model or empirical evidence based on which the research question shall be answered. Eventually, the results of thesis are to be presented and discussed in the seminar.

Learning outcomes:
Students learn how to pursue research in accounting. They are able to find a research question which they analyze in their thesis. Students learn how to structure a research paper. They can present the main findings of their analysis comprehensibly in the seminar.

Prerequisites:
Formal: -
Recommended: Profound knowledge of accounting, interest in scientific research.

Note: A research assistant supports participants in preparing the thesis.

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<tr>
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Courses | Hours per week | Self-study |
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<td>Exercise class</td>
<td>2</td>
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</table>

ECTS in total | 6

Form of assessment | Presentation and thesis

Preliminary course work | -

Lecturer/Person in charge | Prof. Dr. Dirk Simons

Duration of module | 1 semester

Offering | Fall semester

Language | German or English

Program-specific educational goals | LG 1, LG 2, LG 5

Grade | graded

Module: ACC 713 Seminar

Contents:
The seminar introduces students to scientific research in accounting. Students learn to solve problems autonomously and to approach a problem scientifically. The results of the thesis are presented in the seminar.

Learning outcomes:
Students know how to pursue research in accounting. They are able to analyze a research question in their thesis. Students can structure and write a scientific thesis. They can present the main findings of their analysis in the seminar.

Prerequisites:
Formal: -
Recommended: Profound knowledge of accounting, interest in scientific research.

Note: Students are supported by a research assistant during the thesis.

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<tr>
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<tr>
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<tr>
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<td>Exercise class</td>
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<tr>
<td>ECTS in total</td>
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Form of assessment: Thesis: 70 %, presentation: 30 %

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Jens Wüstemann

Duration of module: 1 semester

Offering: Fall semester and Spring semester

Language: German or English

Program-specific educational goals: LG 1, LG 2, LG 3, LG 5

Grade: graded

### 3.2.2. Area „Banking, Finance, and Insurance“

**Module: FIN 520 Banking**

**Contents:**
The lectures include the theoretical foundations of all topics relevant to (commercial) banking. Institutional conditions including legal foundations and regulations are discussed for banks in Germany. This discussion is complemented by a survey of the organization and legal foundations of banks in other countries. Moreover specific management accounting tools for banks as well as financial accounting regulations are presented.

**Learning outcomes:**
After completing this module, students will be able to understand theories explaining the existence of financial intermediaries. They will understand the institutional and legal background of banks. Moreover students will be able to use standard management tools to handle different types of risks banks face due to their activities. The courses impart knowledge necessary for a career in a bank, insurance company, auditing and advisory firm or in a finance department of any company.

**Prerequisites:**
- **Formal:** Not taken FIN 610
- **Recommended:** Every student participating in this module should have completed the 2-semester finance module of the Mannheim Bachelor program (or equivalent courses). The lectures generally assume basic knowledge in accounting (balance sheets, income statements, financial ratios), mathematics (calculus, optimization) and statistics (mean, variance, standard deviation).

**Obligatory registration:** no

**Further information on registration:**

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<td>Exercise class Banking II</td>
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**ECTS in total** 12

**Form of assessment**
Written exam (120 min.)

**Preliminary course work**
-

**Lecturer/Person in charge**
Dr. Maximilian Wimmer

**Duration of module**
1 semester: 1st half Banking I, 2nd half Banking II

**Offering**
Fall semester

**Language**
German

**Program-specific educational goals**
LG 1, LG 3, LG 4

**Grade**
graded

**Range of application**
Module: FIN 602 Trading and Exchanges

Contents:
Traditional asset pricing theory and investment analysis treat the process of price formation as a black box. The actual structure of financial markets does not play a role, and frictions and transaction costs are disregarded. These issues, and market liquidity in particular, are of enormous practical importance. This is evidenced by the great attention regulators pay to issues of financial market structure (e.g. the MiFID directive of the EU), as well as by the attention market participants pay to trading costs. In recent years, many new markets have been created in an attempt to reduce transaction costs (e.g. the ATS in the US or Chi-X and Turquoise in Europe). The branch of financial economics that deals with these issues is called market microstructure. This course provides an introduction into the theoretical and empirical foundations of market microstructure.

Learning outcomes:
This course familiarizes students with the institutional setting of today’s securities markets. They will know how an exchange operates and what the distinguishing features and theoretical foundations of auction and dealer markets are. They will be able to understand and apply measures of market quality and liquidity. They will further understand how asset characteristics, risk aversion and asymmetric information affect the process of price formation and market liquidity.

Prerequisites:
Formal:
Recommended: Module FIN 500; Students should have a sound background in finance. They should be familiar with the different types of securities (stocks, bonds, derivatives), with modern investment analysis and the efficient markets hypothesis. They should also have basic knowledge in statistics and econometrics (unconditional and conditional expected values and variances, regression analysis and hypothesis testing).

Obligatory Registration: no
Further information on registration: -

Courses
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<td>Exercise class</td>
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</table>

ECTS in total 6

Form of assessment Written exam (closed book, 60 min.)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Erik Theissen

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 3

Grade graded

### Module: FIN 603 Empirical Finance

#### Contents:
The course provides students with an understanding of important empirical methods and their application in finance. It covers topics in asset pricing, corporate finance, and market microstructure. Students will learn to perform empirical analysis using the software package Stata. They are expected to acquire, before the course commences, a level of Stata competency comparable to that taught in the Stata Tutorial each semester. The course enables students to plan and carry out empirical research in finance on their own and prepares for an empirical seminar or master thesis in the finance area. Part of the course consists of the practical application of the methods learned in the lecture to various case studies.

#### Learning outcomes:
The students will have a sound understanding of empirical methods and their underlying assumptions. The students will be able to choose appropriate methods for given empirical problems and apply them in an efficient way. The case studies enable the students to develop basic programming skills in Stata.

#### Prerequisites:

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<tr>
<td>Recommended:</td>
<td>Module CC 502 or CC 503 and Module FIN 5XX or equivalent courses. Participation in the voluntary Stata Tutorial (<a href="http://theissen.bwl.uni-mannheim.de/stata/">http://theissen.bwl.uni-mannheim.de/stata/</a>, each January and July) or acquisition of equivalent knowledge is highly recommended. Course materials of the Stata Tutorial will be provided.</td>
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#### Obligatory registration: yes

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<th>Website of the chair</th>
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| ECTS in total | 10 |

| Form of assessment | Written exam (45%; 60 min.), Case Studies (45%), Class Participation (10%) |

| Preliminary course work | - |
| Lecturer/Person in charge | Prof. Dr. Erik Theissen |
| Duration of module | 1 semester |
| Offering | Spring semester |
| Language | English |
| Program-specific educational goals | LG 1, LG 2, LG 5 |
| Grade | graded |
Module: FIN 660 Quantitative Risk Management

Contents:
This course deals with quantitative methods for the management of market and credit risks. In addition, it covers risk-based performance management.

Learning outcomes:
After a successful completion of the course, students will be able to measure market and credit risks. They can calculate the value at risk for individual financial positions and for portfolios of financial instruments. In particular, they will be apply the delta-normal-method. Furthermore, they will understand the notion of credit value at risk and the most important credit risk models. Students will be familiar with methods used for a risk-based performance management and for capital allocation.

Prerequisites:
Formal: -
Recommended: The course requires a basic knowledge of probability theory and statistics. Ideally, students should have completed a master course on investment and/or derivatives.

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ECTS in total 4

Form of assessment
Written exam (45 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Peter Albrecht (spring), Dr. Markus Huggenberger (fall)

Duration of module
1 Semester

Offering
Spring semester and fall semester

Language
German (spring), English (fall)

Program-specific educational goals
LG 2, LG 5

Grade
graded

Range of application
# Module: FIN 682 International Asset Management

## Contents:
The core of this course deals with asset management for private investors in an international context. We will cover the structure of the delegated investment markets around the world with a focus on the U.S. and Europe. The focus will be on traditional mutual funds and related products. Besides the classical asset management theory, this course will place a great weight on the practical implementation of portfolio strategies and the problems that can arise. We will learn how to measure the performance of investment strategies and of fund managers. Furthermore, behavioral aspects (irrational behavior of mutual fund investors and managers) will be discussed.

## Learning outcomes:
After the completion of this course, students will have gained a thorough understanding of the mutual fund industry. They will be familiar with the necessary tools to manage a mutual fund themselves, advise mutual fund investors, invest in mutual funds, and to work in the management of a mutual fund company.

## Prerequisites:
**Formal:** -
**Recommended:** A working knowledge of basic mathematics (analysis and optimization) and statistics (expected values, variances, covariances) as well as a sound understanding of portfolio theory (level of FIN 500, which we urgently suggest students to take before this course) is required.

## Obligatory registration: no

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<td>Exercise class</td>
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| ECTS in total | 6 |

## Form of assessment
Written exam (60 min.)

## Preliminary course work
-

## Lecturer/Person in charge
Dr. Tatjana Puhan

## Duration of module
1 semester

## Offering
Spring semester – please check webpage for offering schedule (will not be offered regularly). Next prospective offering in spring semester 2018.

## Language
English

## Program-specific educational goals
LG 1, LG 3

## Grade
graded

## Range of application
Module: FIN 705 Seminar “Topics in Empirical Asset Pricing”

Contents:
The seminar covers specific issues relating to financial markets in depth. The seminar is organized as a block seminar. Prior to the seminar students have to write a seminar paper on a particular topic. This paper has to be presented during the seminar. Students are also expected to actively participate in the discussion during the seminar.

Learning outcomes:
Students learn how to write a research paper. The seminar is thus an important prerequisite for the master thesis. During the seminar the students will also train their presentation and discussion skills.

Prerequisites:
Formal: At least one MMM finance course: FIN 5XX
Recommended: Participation in the seminar requires a sound background in finance, a good command of English and of basic statistical and econometric techniques. Students are expected to be able to read and understand current research papers.

Please note:
Participation in the seminar is limited. Information on how to apply is published on the homepage of the chair.

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<td>Form of assessment</td>
<td>Seminar paper (2/3), Presentation and discussion (1/3)</td>
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<tr>
<td>Lecturer/Person in charge</td>
<td>Dr. Victoria Atanasov</td>
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<td>Duration of module</td>
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<td>Offering</td>
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<td>Language</td>
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<td>Program-specific educational goals</td>
<td>LG 1, LG 3, LG 4</td>
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</table>
Module: FIN 731 Seminar Corporate Governance

Contents:
In this course specific topics from the fields of "Experimental Finance" or related areas of finance will be dealt with in depth. Students will have to work on the main topic of the seminar in some detail and write a term paper on a specific sub-topic that will be allocated to them. In the seminar, students will present their own paper, discuss other students' paper, and participate actively in the classroom discussions.

Learning outcomes:
Students will learn how to independently work on a research paper. Thus, the seminar paper also serves as preparation for a master thesis. Furthermore, students learn how to present research results and how to contribute to scientific discussions.

Prerequisites:
Formal: Module FIN 5XX
Recommended: Some knowledge of statistics and econometrics is useful and participants should be motivated to develop an experimental research design.

Obligatory registration: yes
Further Information on the registration: http://niessen.bwl.uni-mannheim.de/en/lehre3/fin_xxx_seminar/

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ECTS in total 6

Form of assessment
Seminar thesis: 2/3, Presentation: 1/3

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Alexandra Niessen-Ruenzi

Duration of module 1 semester

Offering FSS

Language English

Program-specific educational goals LG 1, LG 2, LG 5

Grade graded

### Module: FIN 750 Seminar in Financial Systems and Development Finance

**Contents:**
Within this seminar students get the possibility to deeply deal with relevant topics in financial systems and development finance. The seminar is scheduled as a block seminar. We will discuss several topics. Students have to write a seminar thesis on a specific topic in advance. In addition they have to make a presentation on one of the topics in class and to actively participate in the discussion.

**Learning outcomes:**
Students will be capable of independent academic work. The writing of a seminar thesis is excellent training for the master thesis. During the seminar students practice their presentation and discussion skills.

**Prerequisites:**
**Formal:** Module FIN 5XX  
**Recommended:** Further prerequisites will be announced by the chair before the start of the respective seminar during the topics presentation.

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<tr>
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<th>Further Information on the registration: <a href="mailto:Eva.Terberger@kfw.de">Eva.Terberger@kfw.de</a></th>
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<td>Seminar</td>
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<td>ECTS in total</td>
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**Form of assessment**  
Seminar thesis: 2/3, Presentation and Discussion: 1/3

**Preliminary course work**  
-

**Lecturer/Person in charge**  
Prof. Dr. Eva Terberger

**Duration of module**  
1 semester

**Offering**  
FSS 2017

**Language**  
German or English

**Program-specific educational goals**  
LG 1, LG 2, LG 5

**Grade**  
graded

**Range of application**  
Module: IS 615 Design Thinking and Lean Development in Enterprise Software Development

Contents:
Enterprise software development revolves around complex and interdependent software products for different companies, lines of business and industries. Hence, there is an inherent trade-off between standard software and domain-specific software solutions. Software companies thus have to keep track of various heterogeneous and possibly conflicting market requirements that are subject to changes and updates in ever shorter release cycles. However, it is essential for every enterprise software company to be able to build the right solutions efficiently. To be able to do so in the long run, large software companies elaborated good practices to ensure efficient development processes and innovative products. Among these, lean thinking and agile software development practices combined with Design Thinking and related practices are increasingly adopted and intertwined in the software industry. The goal of this module is to convey approaches from research and industry experience together with practical application based on concrete enterprise software challenges. The course includes both, lecture and workshop formats.

A combination with IS 613 as related term project is highly recommended.

Learning outcomes:
After completing the class, students will be able to
- understand the issues and challenges involved in enterprise software development,
- understand and apply large-scale agile development based on lean principles,
- understand and apply Design Thinking and related innovation practices,
- understand and evaluate business models for software companies and products,
- understand and apply how to bring all of this together in enterprise reality,
- understand and evaluate state of the art software engineering methods,
- understand and explain particular success strategies recommended by practitioners,
- understand how to launch a start-up and scale a software company.

Prerequisites:
Formal: 
Recommended: IS 550. Attendance of IS 613 in the same semester is recommended.

Obligatory registration: no  Further Information on the registration: -

Courses
Hours per week
Lecture 2

ECTS in total 6

Form of assessment 80% written exam (60 min.)
20% case study (mandatory)

Preliminary course work -

Lecturer/Person in charge Dr. Tobias Schimmer

Duration of module 1 Semester

Offering Fall semester

Language English

Program-specific educational goals LG 1, LG 2, LG 3
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</table>
Module: MAN 631 Creativity and Entrepreneurship in Practice

Content:
The course ‘Creativity and Entrepreneurship in Practice’ introduces concepts of creativity and entrepreneurship and tools to develop business designs and eventually business models. Whereas MAN 633 Entrepreneurial Spirit starts with already advanced projects, MAN 631 starts at the very grassroots of building a business – with team building, ideation and design thinking. By the end of the course, all student teams will have turned their idea into a pitch deck that will be presented in a real startup pitch setting with a jury including experts from the private equity, legal, consulting and academic world. Thus, all the projects that will be developed in this class are taken seriously and will be developed into real ventures by the end of class – no showcases, simple write-ups whatsoever. You can expect tremendous opportunities for your personal and entrepreneurial development in this class – including growing your network into the German startup scene and beyond. Beware of the following upsides and downsides: The course is tons of fun and highly rewarding but challenging and highly demanding in terms of the team settings and the workload required to build a great venture. If you want the real startup experience with its real ups and downs, MAN 631 is your perfect choice. Please beware that once the team building has been conducted, you cannot leave this class without failing it – just like in a real startup setting when you let your team down.

What you can expect from us is dedicated and continuous feedback to advance your projects, intros to MCEI partners who can help you grow and a fun and rewarding atmosphere to create something new in class. Do not miss out on our Startup Lounges and Founder Talks throughout the semester to maximize your Startup experience.

Side note on choosing MAN 631 vs. alternatives (i.e., when not to choose MAN 631):
- If you already have a team and an advanced business idea, apply for MAN 633 Entrepreneurial Spirit Track 2.
- If you want to scout a team (i.e., you need a team) to implement your advanced own business idea, apply for MAN 633 Entrepreneurial Spirit Track 2.
- If you want to advance an existing startup project and get the feeling of what it is like to work in a Startup with all the responsibilities this brings along, join MAN 633 Track 1.
- If you expect a more traditional lecture setting, join MAN 630 Introduction to Entrepreneurship.

Learning outcomes:
By the end of the module students will have...
- explored and developed their own entrepreneurial creativity.
- their own startup team.
- an advanced startup idea that tackles a real customer need.
- a pitch deck and business plan on their startup idea for following up on the project.
- presented and defended the concept of their project in front of an expert jury.
- gained financing opportunities to pursue their venture (depending on performance).
- gained lots of feedback on their personal and professional development in real life settings.
- developed skills and abilities that can be applied to improve their effectiveness in the rest of their studies and in their lives – including team building skills.
Prerequisites:
Formal: -
Recommended: MAN 630 or MAN 632

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ECTS in total: 6

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<th>Dr. Jan Zybura, Nora Zybura, Prof. Dr. Michael Woywode</th>
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| Program-specific educational goals | LG 2, LG 3, LG 4, LG 5 |
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Module: MAN 635 Social Entrepreneurship: Targeting Social Capital through Ecopreneurship

Contents:
This seminar briefly summarizes the evolution of social entrepreneurship as a method of organizing change: the application of entrepreneurial theory to the founding of non-profit and profitable organizations which seek to build 'social capital.' Given political and economic uncertainty and the anticipated exit from nuclear energy sources in an era of scarce resources, the focus will be upon "ecopreneurship" and "frugal innovation." Students will create their own sustainable 'green designs' in fields of their choice.

Recommended Reading:
Arthur Brooks, Social Entrepreneurship: A Modern Approach to Social Value Creation
David Bornstein, How to Change the World: Social Entrepreneurs and the Power of New Ideas
Robert Isaak, Green Logic: Ecopreneurship, Theory and Ethics

Most of the required reading for the seminar will be available on-line

Learning outcomes:
By the end of the module, the students understand how innovative ideas and practical business models can achieve major social impact, how social entrepreneurs can build sustainable organizations, and why social entrepreneurship has become a contagious global movement.

Prerequisites:
Formal: -
Recommended: -

| Obligatory registration: yes | Further Information on the registration: “Student Portal” |

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ECTS in total 6

Form of assessment Oral presentations and one green venture design

Preliminary course work -

Lecturer/Person in charge Prof. Robert A. Isaak, PhD

Duration of module 1 semester

Offering Fall semester

Language English

Program-specific educational goals LG 3

Grade graded

Module: MAN 636 International Entrepreneurship and Managing Change

Contents:
The course focuses on the knowledge and skills necessary for developing a new global business. 'High tech' and 'low cost', or frugal innovative start-ups are compared and contrasted taking business cycles, cultural contexts and levels of development into account. Models of managing international change are the basis.

Learning outcomes:
Internalizing the factors which make for success in starting a business with an international market focus. Team-building to create new international business designs which confront either resource scarcity or high tech design challenges. Working with GEM comparisons of national competitiveness and considering which government policies and global business cycles are most conducive to helping entrepreneurs set up new ventures. Learning models of adapting to globalization project both from the developing to the developed countries as well as from the rich to the poor.

Prerequisites:
Formal: -
Recommended: Second/third semester
Some knowledge of management, economics or finance

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ECTS in total 6

Form of assessment Written exam and oral report (teamwork)

Preliminary course work -

Lecturer/Person in charge Prof. Robert A. Isaak, PhD

Duration of module 1 semester

Offering Spring semester

Language English

Program-specific educational goals LG 3

Grade graded

Module: MAN 637 Managing Ethical Decision-Making in the Nonprofit Sector

Contents:
This course will introduce the factors that influence moral conduct and ethical decision-making when pursuing social goals. With the use ethical frameworks in the context of specific case studies, real and hypothetical, students will learn to analyze and resolve ethical issues that arise in the topics of: governance, accountability, transparency, fundraising, use of paid and unpaid labor, vulnerability of client groups, and service provision in the context of a multiple stakeholders and multiple bottom-lines.

The guest lecturer of this module is Prof. Dr. Femida Handy, professor at the School of Social Policy & Practice, University of Pennsylvania, USA.

The module is taught as a block course in April 2018.

Learning outcomes:
At the end of the course, students will be able to:
- To better understand the complexities of decision-making in nonprofits.
- To identify an ethical dilemma, analyze its component parts and recognize the tradeoffs to be made.
- To resolve ethical dilemmas using different ethical frameworks, be cognizant of the tradeoffs being made, and know if the tradeoffs are ethical.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: yes

Further Information on the registration:
“Student Portal”

Courses
Seminar

Hours per week
Self-study

ECTS in total
2
7
4

Form of assessment
Written exam
Preliminary course work
-
Lecturer/Person in charge
Prof. Dr. Femida Handy
Duration of module
1 semester
Offering
Spring semester
Language
English
Program-specific educational goals
LG 3, LG, 4 LG 5
Grade
graded
Range of application
Module: MAN 675 Selected Challenges in Nonprofit Management

Contents:
Each semester a focus topic in the area of nonprofit management is chosen and discussed. This is done by analyzing scientific papers and by discussing practical examples, cases and project work.

Learning outcomes:
By the end of the module, students will be able to:
- explain framework conditions as well as theoretical foundations of nonprofit management with regard to the focus topic,
- critically discuss management challenges in the light of the focus topic,
- critically analyze scientific papers.
Moreover, key competences such as presentation competence, working with academic papers and team competences shall be acquired.

Prerequisites:
Formal: -

Obligatory registration: yes

Further Information on the registration:
Website of the chair / “Student Portal”

Courses

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<th>Hours per week</th>
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<tr>
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ECTS in total 6

Form of assessment
Written exam and/or presentation and/or written project/seminar work

Lecturer/Person in charge
Prof. Dr. Bernd Helmig

Duration of module 1 semester

Offering Spring semester

Language German

Program-specific educational goals LG 3

Grade graded

## Module: MAN 676 Selected challenges in Public Management

### Contents:
Each semester a focus topic in the area of public management is chosen and discussed. This is done by analyzing scientific papers and by discussing practical examples, cases and project work.

### Learning outcomes:
At the end of the course, students should be able to:
- explain framework conditions as well as theoretical foundations of public management with regard to the focus topic,
- critically discuss management challenges in the light of the focus topic.
- critically analyze scientific papers.

Moreover, key competences such as presentation competence, working with academic papers and team competences shall be acquired.

### Prerequisites:
- Formal: -

### Obligatory registration:
- no

### Further information on registration:
- -

### Courses

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ECTS in total 6

### Form of assessment
- Exam and/or presentation and/or written project/seminar work

### Preliminary course work
- -

### Lecturer/Person in charge
- Prof. Dr. Bernd Helmig

### Duration of module
- 1 semester

### Offering
- Fall semester

### Language
- German

### Program-specific educational goals
- LG 3

### Grade
- graded

### Range of application
Module: MAN 694 Project Course IMP³rove – Innovation Management in Practice

Contents:
With this special course, offered in collaboration with A.T. Kearney, students gain practical experience in innovation management. They are introduced to an innovation management assessment designed for small and medium sized enterprises. They apply the approach while working on real-life projects together with companies. Students learn to interpret the information they receive from the companies during workshops with the management as well as from a detailed benchmarking report. When developing the recommendations for the company and discussing them in class the students also develop experience in anticipating the constraints of companies.

Learning outcomes:
The already acquired knowledge of theoretical concepts in innovation management is deepened. In addition, the transfer- and problem-solving skills of students in the area of innovation management are enhanced. Students gain insights in the business challenges of a real company and learn how to assess their innovation management as well as how to further develop it.

Prerequisites:
Formal: -
Recommended: Master-level knowledge on innovation and management, MAN 690 Innovation Management

Obligatory registration: yes

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ECTS Modul insgesamt 6

Form of assessment
Written report (70%), assignment (30%)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Karin Hoisl

Duration of module 1 semester

Offering Fall Semester

Language English

Program-specific educational goals LG 1

Grade graded

Module: MAN 711 Research Seminar “Doing Qualitative Research in Public & Nonprofit Management”

Contents:
In the research seminar, students will deepen the understanding on public and nonprofit management from an academic, research-focused perspective. The discussion of qualitative research methods, their theoretical underpinnings and practical application by students are the central pieces of this seminar. Students will be enabled to do scientific work, and to discuss recent research trends in public and nonprofit management. However, different forms of the research seminar are possible.

Learning outcomes:
By the end of the module students will be able to
- describe different methods and techniques of qualitative research, and apply these to research in the public and nonprofit domain,
- choose research approaches and data collection methods depending upon research questions and objectives,
- design, conduct, and write up a qualitative a research study.

In this seminar, the key competence of academic work shall be acquired.

Prerequisites:
Formal: MAN 619 or MAN 675 or MAN 676 or MAN 679 or MAN 680
Recommended: -

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Courses
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ECTS in total | 6

Form of assessment | Written assessment (depends on the form of the seminar)

Preliminary course work | -

Lecturer/Person in charge | Prof. Dr. Bernd Helmig

Duration of module | 1 semester

Offering | Spring semester

Language | German/English

Program-specific educational goals | LG 1, LG 5

Grade | graded


Contents:
In the research seminar, students will deepen the understanding on public and nonprofit management from an academic, research-focused perspective. The discussion of quantitative research methods and their practical application (by means of different statistical methods) by students are the central pieces of this seminar. Students will be enabled to do scientific work (if possible in cooperation with practitioners), and to discuss recent research trends in public and nonprofit management. However, different forms of the research seminar are possible.

Learning outcomes:
By the end of the module students will be able to:
- describe different methods and techniques of quantitative research, and apply these to research in the public and nonprofit domain.
- choose appropriate statistical methods to analyze data depending upon research questions and objectives.
- conduct, and write up a quantitative research study.

In this seminar, the key competence of academic work shall be acquired.

Prerequisites:
Formal: MAN 619 or MAN 675 or MAN 676 or MAN 679 or MAN 680
Recommended:

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Courses

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ECTS in total 6

Form of assessment Presentation and/or written assessment (depends on the form of the seminar)

Preliminary course work -

Lecturer/Person in charge Prof. Dr. Bernd Helmig

Duration of module 1 semester

Language German/English

Program-specific educational goals LG 1, LG 3, LG 4

Grade graded

### Module: MKT 613 Negotiation Management

**Contents:**
This course will introduce negotiation strategies on the basis of real-world examples. Students first will be familiarized with negotiation techniques and then are invited to practice these techniques by preparing and conducting their own negotiations in small groups. Based on the gained knowledge, a written assignment of a practical negotiation case needs to be prepared.

**Learning outcomes:**
At the end of the course, students should be able to apply the gained knowledge in negotiation management in a practical environment.

**Prerequisites:**
- Formal: -
- Recommended: -

**Obligatory registration:** yes

**Further Information on the registration:**
Homepage of the chair / "Student Portal"

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**ECTS in total**
2

**Form of assessment**
Written assignment

**Preliminary course work**
-

**Lecturer/Person in charge**
Prof. Dr. Florian Kraus

**Duration of module**
Block course within the semester

**Offering**
Fall semester

**Language**
German

**Program-specific educational goals**
LG 1, LG 3

**Grade**
graded

**Range of application**
M.Sc. MMM, M.A. K&W, other Master programs
Module: MKT 661 Consumer Behavior

Contents:
The course examines the key aspects of consumer behavior. It defines consumer behavior as the acquisition, consumption, and disposition of goods, services, time, and ideas by (human) decision making units. Based on this definition important implications for retailing are explored.

Starting from the Elaboration Likelihood Model, we distinguish between the central and peripheral route of information processing and discuss topics such as decision making and store choice (both high and low involvement).

Learning outcomes:
Students understand the key aspects of consumer behavior with specific application to marketing communication and retailing. They will be able to apply and adapt their knowledge to develop strategies and tactics for both areas.

Prerequisites:
Formal: Not taken MKT 660
Recommended: Module MKT 530 or Module MKT 531

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Form of assessment
Written exam (45 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Dr. h.c. mult. Christian Homburg / Prof. Dr. Wayne D. Hoyer

Duration of module
1 semester

Offering
Spring semester

Language
English

Program-specific educational goals
LG 1

Grade
graded

Range of application
Module: MKT 662 Interactive Marketing

Contents (subject to change):
This course is dealing with recent topics within marketing strategies especially concerning the use of new media. The course will focus on recent knowledge about interactive marketing and the different marketing vehicles used to influence consideration, branding, transaction and CRM. Different business models and integrated marketing concepts in regard to the different characteristics of the web 1.0, 2.0 and 3.0 will be explained. Furthermore information and transaction processes will be dealt with. The course will go through the concept and role of Customer Relationship Management in interactive marketing.

Learning outcomes (subject to change):
The aim of the course is to explain the use of new media for interactive marketing. Furthermore, it emphasises the new and continuously developing possibilities within interactive marketing, with the consumer relation as main focus. This will enable the students to understand the different challenges of interactive marketing and actively incorporate it in a marketing plan, to get a synergy effect with the more traditional media.

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: no
Further Information on registration: -

Courses
Hours per week
Self-study
Lecture 2  6
Exercise class 1  3

ECTS in total 6

Form of assessment
Written exam (90 min.)

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Florian Stahl

Duration of module
1 semester

Offering
Spring semester

Language
English

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
Module: MKT 663 Branding and Brand Management

Contents:
Although brand names represent one of the most valuable (intangible) assets for a firm, creating and nurturing a strong brand poses considerable challenges. Branding is therefore a critical management task that has both strategic and tactical elements. The concept of brand equity can provide managers with a valuable perspective and a common denominator to interpret the potential effects and trade-offs of various strategies and tactics for their brands. Brand management involves the design and implementation of marketing programs and activities to build, measure, and manage brand equity. The aim of this module is to introduce students to proven techniques and frameworks for assessing and formulating branding strategies and tactics that improve the long-term profitability of brand names. This course revolves around understanding how to develop effective branding strategies, while keeping in mind economic and psychological factors of branding.

Learning outcomes:
Students are able to understand and discuss the importance of branding, brand equity and brand strategies within marketing.

Prerequisites:
Formal: -
Recommended: -

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ECTS in total 4

Form of assessment: Written exam (60 min.)

Preliminary course work: -

Lecturer/Person in charge: Prof. Dr. Florian Stahl

Duration of module: 1 semester

Offering: spring semester

Language: English

Program-specific educational goals: LG 1

Grade: graded

Module: MKT 664 Brand Strategy Seminar

Contents:
Although brand names represent one of the most valuable (intangible) assets for a firm, creating and nurturing a strong brand poses considerable challenges. Branding is therefore a critical management task that has both strategic and tactical elements. The seminar brand strategy involves the design and implementation of a marketing program to establish in a strategic way an existing brand in a new product category or subcategory. During the seminar we will discuss topics such as the product design, product positioning and product advertising of a new product which extends an existing brand and follows the umbrella brand identity and umbrella brand vision. This seminar will be useful for those pursuing careers in marketing, general management, and consulting.

Learning outcomes:
Learning objectives of this course comprise the design and positioning of a branded product and the strategic brand extension of a well-established global brand. Further learning objectives are writing a marketing plan, design of a specific product advertisement as well as the presentation of the results to managers of a global company.

Prerequisites:
Formal: MKT 663 Branding and Brand Management and Participation in L'Oreal Brandstorm (http://www.brandstorm.loreal.com/)
Recommended: -

Obligatory registration: yes (no max. number of participants – although a registration is mandatory!)
Further Information on the registration: Website of the chair

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Form of assessment: Team Seminar Paper (70%) and Team Presentation (30%)

Preliminary course work: -
Lecturer/Person in charge: Prof. Dr. Florian Stahl
Duration of module: Block course within the semester
Offering: Fall semester
Language: English
Program-specific educational goals: LG 1, LG 5
Grade: graded
Demand-Driven Adaptive Supply Chain Planning

Contents:
Supply chain management involves the coordination of different parties within and across companies, such as sales and marketing affiliates, manufacturing sites, logistics, suppliers, customers, and wholesalers. With increasing size of an organization and its supply chain structures, global supply chain management (SCM) requires adequate visibility and decision support. Furthermore SCM is today increasingly faced with the need of a new Demand-Driven operating model for the highly digital interlinked Supply Chains and the highly volatile and complex business environment becoming the New Normal. Advanced Planning Systems like SAP SCM APO and SAP IBP (Integrated Business Planning) are used to standardize global planning processes and to solve the required planning tasks, such as statistical forecasting, inventory and supply network planning. In many large corporations, they form the backbone of global supply chain planning today.

This course discusses how SCM and Demand-Driven Adaptive Planning Principals can be supported by integrated business planning systems. Key topics include demand planning, supply network planning, production planning & scheduling, as well as other related topics, such as global availability check, inventory & supply network replenishment.

Learning outcomes:
Students will understand the necessity and benefits of Demand-Driven Adaptive Supply Chain Planning Systems for corporate SCM. They will understand their structure, how these systems are applied and used within the Sales & Operations Process, and how they are implemented within various organizations. Students will also get an introduction into SAP SCM and SAP IBP, today’s leading Advanced and Integrated Business Planning Systems in SCM.

Prerequisites:
- Formal: -
- Recommended: Participants should be familiar with the fundamentals of operations and supply chain management, as covered, e.g., in the modules OPM 501, OPM 502, and OPM 561.

Obligatory registration: yes
Further Information on the registration: “Student Portal”

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ECTS in total 4

Form of assessment Written exam
Preliminary course work -
Lecturer/Person in charge Dr. Josef Packowski / Prof. Dr. Moritz Fleischmann
Duration of module 3 days (blocked)
Offering Fall semester
Language English
Program-specific educational goals LG 1, LG 3
Grade graded
Module: OPM 545 Cases on Current Issues in Supply Chain Management

Contents:
This course addresses current issues in supply chain management practice. Specific topics include, e.g., supply chain inventory assessment, sales and operations planning, supply chain performance measurement, and supply chain organization. These topics will be addressed in the context of real-life cases from consultancy practice. Participants will work on these cases in groups of two or three. They will propose solutions by applying theoretical concepts and methods to the specific case setting. They will present and discuss their solutions in class and receive feedback on their theoretical approach and on practical feasibility.

Learning outcomes:
Participants will be able to systematically analyze complex, unstructured, and relevant supply chain management issues. They are able to apply theoretical knowledge to derive meaningful solutions for real-life challenges in supply chain management. They will also develop presentation skills to effectively communicate the results and insights of a supply chain management analysis.

Prerequisites:
Formal: -
Recommended: Participants should be familiar with the fundamentals of operations and supply chain management, as covered, e.g., in the modules OPM 501, OPM 502, and OPM 561.

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<td>ECTS in total</td>
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Form of assessment: Presentation documents, oral presentation, in-class discussion

Preliminary course work: -

Lecturer/Person in charge: Dr. Josef Packowski / Prof. Dr. Moritz Fleischmann

Duration of module: 1 term

Offering: Spring

Language: English

Program-specific educational goals: LG 3

Grade: graded

Module: OPM 546 Innovation Management & Operations

**Contents:**
In most industries, good R&D performance is critical to generate and sustain a lasting market success, and the heart of every R&D process is a firm’s innovation management. Starting with the collection of possible innovation opportunities, and continuing with the selection of the most promising ideas and the transformation of these ideas into final products, innovation management has to deal with very diverse challenges. For instance, should innovation be incremental or radical? What are the benefits and costs of open innovation? This course sets out to discuss the key challenges that are inherent to innovation and product development processes, and links these challenges with a firm’s operations strategy. To this end, the course also introduces students to the interactions between operations and innovation management.

**Learning outcomes:**
In this course, students will become familiar with the key challenges of the different stages in the innovation process. They will learn how to effectively tackle these challenges and how to align different strategic decisions. This course also enables the students to understand the fundamental differences between operations and innovation management, and how to account for this fact in a firm’s organizational design. Lastly, students will be introduced to the upcoming trends in open innovation.

**Prerequisites:**

| Obligatory registration: yes (max. 20 participants) | Further Information on the registration: Website of the chair |

**Courses**

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ECTS in total 4

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Module: OPM 547 Technology and Operations Strategy

Contents:
In today’s fast changing markets, operations strategy is considered as a main lever to improve a firm’s performance, to achieve a lasting competitive advantage, and to offer a good customer service.

This course provides a broad coverage of the many different facets of operations strategy. The topics include the historical sources of operations strategy, its link to other strategic decisions, the role of organizational learning and forgetting, the integration of new technologies, search theory, new business models, environmental considerations, and the question of how to manage the implementation of a new strategic initiative.

Learning outcomes:
This course is recommended to students that have already taken courses in operations management and that now aim to gain a broader understanding of the strategic dimensions of operations-related decisions.

The main goal of this course is to provide students with a sound understanding of the interactions between a firm’s operations strategy and other areas of the company. Furthermore, students will learn how to implement strategic initiatives in practice, and how new technologies can help or hinder these efforts.

Prerequisites:
Formal: At least two OPM courses (5xx or 6xx)
Recommended: Sound knowledge in operations management and decent knowledge in statistics

Obligatory registration: no
Further Information on the registration: -

Courses
Lecture

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Form of assessment
Written exam (90 min.)

Preliminary course work
-

Lecturer/Person in charge
Dr. Jochen Schlapp

Duration of module
1 semester

Offering
Fall semester

Language
English

Program-specific educational goals
LG 1, LG 3

Grade
graded

Range of application
# Module: OPM 565 Integrated New Product Development

## Contents:
- Introduction to new product development
- Basic methods in the field of new product development
- Integrated New Product Development (INPD) and Integrated Design Engineering (IDE)
- Process and Project Management
- Product Lifecycle Management (PLM), Produktintegration im IDE
- Introduction to CAx-systems (CAD, CAP, CAM, CAQ, simulation)
- Evaluation of economic profitability

## Learning outcomes:
By the end of the course students have
- an in depth understanding of different, but interrelated viewpoints regarding products,
- the ability to apply strategies, methods, best practices and tools of the new product development process,
- knowledge about interdependences between strategies, methods, best practices and tools and their respective synergies,
- the ability to apply general and integrated methods for the economic evaluation in the field of new product development.

## Prerequisites:
**Formal:**
- 
**Recommended:** General interest in technology, fluent German language skills

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| ECTS Modul insgesamt     | 4              |

## Form of assessment
Oral or written exam (60%) and group presentations (40%)

## Preliminary course work
- 

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<th>Prof. Dr. Sandor Vajna</th>
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Module: OPM 667 Project Study on Optimization Algorithms and Heuristics

Contents:
The course examines new developments and current methods in operations research. A topic will be selected for thorough study. The students learn algorithmic thinking and implement and test optimization algorithms and heuristics. The course is a computer programming introductory course presenting the concepts of structured programming. There are hands-on exercises throughout the course. Possible subject areas include e.g. nonlinear and integer optimization, stochastic programming, and specialized applications.

Learning outcomes:
It teaches what computer programming is about, how to solve programming problems on your own and where to look for more information.

Prerequisites:
Formal: OPM 661 and OPM 662
Recommended: Profound knowledge in Operations Research and basic experience with computers and programming. The student should be familiar with the concept of files and directories and able to install software on his computer.

Obligatory registration: Yes
Further Information on the registration: Portal2

Courses

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</table>

ECTS Modul insgesamt 8

Form of assessment Assignment
Preliminary course work -
Lecturer/Person in charge Prof. Dr. Raik Stolletz
Duration of module 1 semester
Offering Fall semester
Language English
Program-specific educational goals LG 2, LG 5
Grade graded
Module: OPM 791 Research Seminar Procurement

Contents:
This research seminar examines current procurement topics from a research perspective. Students will deepen their understanding of procurement and supply chain research and its implications for practice.

The main deliverables of this module are a research paper, which each participant prepares independently over the course of the semester, and a corresponding in-class presentation at the end of the module. The suggested topics will emphasize research rather than application and will be related to the current research interests of the Endowed Chair of Procurement. Participants will obtain an introduction to business research and to scientific writing in the context of supply (chain) management.

Learning outcomes:
The main intended learning outcome is to attain the competences for writing a high-quality master thesis about a topic in the broader procurement arena. Participants will learn how to structure a research question systematically and how to independently gather the knowledge of the foundations, structures, and methodologies underlying a given topic. In addition, participants will learn how to present research findings.

Prerequisites:
Formal: At least one module OPM 6XX (parallel attendance is possible) or an equivalent module within an exchange program
Recommended: OPM 591 and OPM 692 or equivalent modules within exchange programs

<table>
<thead>
<tr>
<th>Obligatory registration:</th>
<th>Yes (at the end of the preceding semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Further Information on the registration:</td>
<td><a href="http://procurement.bwl.uni-mannheim.de">http://procurement.bwl.uni-mannheim.de</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

| ECTS in total | 6 |

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>Paper, presentation, and contribution to in-class discussion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary course work</td>
<td>-</td>
</tr>
<tr>
<td>Lecturer/Person in charge</td>
<td>Prof. Dr. Christoph Bode</td>
</tr>
<tr>
<td>Duration of module</td>
<td>1 semester</td>
</tr>
<tr>
<td>Offering</td>
<td>Fall semester</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
<tr>
<td>Program-specific educational goals</td>
<td>LG 2, LG 5</td>
</tr>
<tr>
<td>Grade</td>
<td>graded</td>
</tr>
</tbody>
</table>
Module: OPM 792 Applied Seminar Procurement

Contents:
This applied seminar revolves around a field study and combines readings in procurement with the work as consultants to a business. Organized in small teams, participants will work on specific procurement-related problems, defined in collaboration with companies. At the end of the seminar, each team will present a solution to the specific problem, based on the relevant literature and their own analyses. Results are summarized in a written report and an oral presentation.

Learning outcomes:
The goal of the seminar is to provide participants with a unique learning experience in analyzing and solving procurement-related problems and in carrying out a practice-oriented project, rooted in the academic literature. In addition, participants will learn how to apply procurement knowledge and link it to a wide array of business disciplines, such as strategy, organization, marketing, or information systems. It thereby prepares them for the writing of a (practice-oriented) master thesis in the field of procurement.

Prerequisites:
Formal: At least one module OPM 6XX (parallel attendance is possible) or an equivalent module within an exchange program
Recommended: OPM 591 and OPM 692 or equivalent modules within exchange programs; project management skills

<table>
<thead>
<tr>
<th>Obligatory registration: Yes (at the end of the preceding semester)</th>
<th>Further Information on the registration: <a href="http://procurement.bwl.uni-mannheim.de">http://procurement.bwl.uni-mannheim.de</a></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar / Project work</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total 6

Form of assessment
Written report and presentation

Preliminary course work
-

Lecturer/Person in charge
Prof. Dr. Christoph Bode

Duration of module
1 semester

Offering
Spring semester

Language
English / German

Program-specific educational goals
LG 2, LG 3, LG 5

Range of application
3.3. Business Research

The credit points obtained for Ph.D.-level modules can only be transferred to the Master program after a successful application and admission into the “Business Research” program.

More detailed information is available at the Center for Doctoral Studies in Business (CDSB).
4. Elective

Students are free to choose an elective where they can collect up to 24 ECTS points - according to the requirements of the chosen elective. The number of ECTS points needed in “Business Administration” will then be reduced accordingly.

Instead of the elective the student may also select further “Business Administration” modules. Please note that you can only choose an elective listed in this chapter if it has not been part of your completed Bachelor degree. If any of the modules listed in this chapter were part of your Bachelor degree you may not choose the corresponding elective.

Please check the websites of the respective faculties for potential registration procedures.

4.1. Business Education

A minimum of 16 ECTS points has to be earned in the listed modules from the course offer.

<table>
<thead>
<tr>
<th>Module: Educational Management</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Topics of module:</strong></td>
</tr>
<tr>
<td>• Central regulations of the Vocational Training Act, as well as regulations on the European level</td>
</tr>
<tr>
<td>• Principles and instruments of designing, execution and evaluation of corporate training programs</td>
</tr>
<tr>
<td>• Figures for corporate educational management</td>
</tr>
<tr>
<td>• Conceptualizations of organizational learning culture</td>
</tr>
<tr>
<td>• Knowledge management</td>
</tr>
<tr>
<td>• Instruments for the assessment and development of a learning culture</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong></td>
</tr>
<tr>
<td>By the end of the courses students</td>
</tr>
<tr>
<td>• are able to analyze and solve basic legal cases in relation to vocational education, training, and personnel development,</td>
</tr>
<tr>
<td>• are familiar with the rules and standards which are relevant for vocational education and training and are able to explain the intentions of the legislator,</td>
</tr>
<tr>
<td>• are able to describe the relevant processes in the occupation of vocational training positions and to identify the decisions that have to be made</td>
</tr>
<tr>
<td>• are able to argue for the relevance of vocational training programs for the company,</td>
</tr>
<tr>
<td>• are capable of demonstrating and critically reflecting control components in relation to corporate training,</td>
</tr>
<tr>
<td>• understand the concept of ‘learning culture‘ in an organizational context, know current empirical studies with reference to ‘Learning Culture in Organizations’.</td>
</tr>
<tr>
<td><strong>Prerequisitses:</strong></td>
</tr>
<tr>
<td>Formal:</td>
</tr>
<tr>
<td>Recommended:</td>
</tr>
<tr>
<td>-</td>
</tr>
<tr>
<td>Courses</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Educational Management I: Vocational Education</td>
</tr>
<tr>
<td>Lecture and exercise class</td>
</tr>
<tr>
<td>Educational Management II: Vocational Training</td>
</tr>
<tr>
<td>Lecture and exercise class</td>
</tr>
<tr>
<td>Educational Management III: Learning culture in</td>
</tr>
<tr>
<td>organizations Lecture ans exercise class</td>
</tr>
</tbody>
</table>

ECTS in total 4-12

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>Academic paper, project work, oral presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Referring to the examination regulations (§ 11 (6), the form of the assessment will be communicated at the latest at the start of the course.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lecturer/Person in charge</th>
<th>Prof. Dr. Dirk Ifenthaler, Prof. Dr. Jürgen Seifried</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Duration of module</th>
<th>3 semesters</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Offering</th>
<th>Educational Management I: fall semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Educational Management II: spring semester</td>
</tr>
<tr>
<td></td>
<td>Educational Management III: fall semester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Language</th>
<th>German</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>graded</th>
</tr>
</thead>
</table>

|-------------------------------------------|------------------------------------------------|

- 195 -
Module: Development of Commercial Competences

Topics of module:
- competence models and their scientific premises
- standards of education and performance in the field of vocational education
- approaches of competence measurement
- empirical results on the assessment of vocational competences
- didactic approaches to support commercial competence
- techniques to verify the efficiency of didactic measures
- European and national qualification framework

Learning Outcomes:
By the end of the courses students
- understand the construct ‘Competence’ and can explain the delimitation to related constructs,
- are able to explain different competence models and to question the models underlying scientific premises critically,
- know different approaches to measure competences as well as relevant empirical results in the field of vocational education,
- understand the challenge in context of the measurement of competences.
- know selected curricular concepts,
- can present, explain, and evaluate didactic approaches concerning selected criteria,
- can present, and evaluate approaches to verify the efficiency of didactic measures concerning selected criteria.

Prerequisites:
Formal:
- 
Recommended:
- 

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
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</thead>
<tbody>
<tr>
<td>Development of commercial competences I</td>
<td>3</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Lecture and exercise class</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development of commercial competences II</td>
<td>3</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Lecture and exercise class</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td></td>
<td>0-8</td>
</tr>
</tbody>
</table>

Form of assessment
Academic paper and written exam (60 min.)
Referring to the examination regulations (§ 11 (6), the form of the assessment will be communicated at the latest at the start of the course.

Lecturer/Person in charge
Prof. Dr. Andreas Rausch, Prof. Dr. Jürgen Seifried

Duration of module
2 semester

Offering
Development of commercial competences I: fall semester
Development of commercial competences II: spring semester

Language
German

Grade
graded
Module: Special Subject

Topics of module:
- Conceptual basics of quality management
- Quality management systems
- QM-systems in selected countries
- Implementation of QM-systems
- Empirical studies regarding the effects of QM-systems
- Starting points and context of the evaluation concept
- Goals, measures, evidence, decisions
- Concept and function of evaluations
- Exemplary indicator catalogs
- Evaluation standards

Learning outcomes:
By the end of the courses students
- are able to explain important tools and terms of quality management,
- know the conceptual basics of selected quality management systems and are able to explain the decisive differences between the concepts,
- know the systems of countries which are considered to be progressive in relation to implementation and operation of QM-systems and are able to outline these systems,
- are familiar with empirical studies regarding the questions of implementation and the effects of QM-systems and are able to adequately interpret the results,
- are familiar with the implemented evaluation concepts and are able to explain the goals connected to the evaluation,
- have available an amply differentiated idea of processes and conflict points,
- are familiar with established evaluation standards and are able to explain them as well as to identify transgressions in respective documents,
- are able to discern types of information and assess the appropriateness of instruments for the acquisition of information,
- are able to develop simple evaluation plans.

Prerequisites:
Formal: -
Recommended: -

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quality Management at Educational Institutions Seminar</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Evaluation Methods and Standards Seminar</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Ideas and History of vocational Training Lecture</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Current Didactical Problems Seminar</td>
<td>2</td>
<td>6</td>
<td>4</td>
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<tr>
<td>ECTS in total</td>
<td></td>
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<td>0-16</td>
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</table>

Form of assessment
Referring to the examination regulations (§ 11 (2), the form of the assessment will be communicated at the latest at the start of the course.
<table>
<thead>
<tr>
<th><strong>Lecturer/Person in charge</strong></th>
<th>Prof. Dr. Dirk Ifenthaler, Jun.-Prof. Dr. Viola Klotz, Prof. Dr. Andreas Rausch, Prof. Dr. Jürgen Seifried</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration of module</strong></td>
<td>1 semester</td>
</tr>
<tr>
<td><strong>Offering</strong></td>
<td>Changing course offering</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>German</td>
</tr>
<tr>
<td><strong>Grade</strong></td>
<td>graded</td>
</tr>
</tbody>
</table>
4.2. Computer Science

The student has to collect between 14 ECTS points and 24 ECTS points.

<table>
<thead>
<tr>
<th>Module: Computer Science I</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong></td>
</tr>
<tr>
<td>&quot;Computer science 1&quot; is the introductory Computer Science course at the University of Mannheim. According to the profile of Computer Science in Mannheim the course will focus on practical aspects of Computer Science, in particular the course will deliver the introduction to drafts, implementation and evaluation of small (object-oriented) programs.</td>
</tr>
<tr>
<td>Topics:</td>
</tr>
<tr>
<td>• Core principles: basic logic, propositional logic, predicate logic, tree, finite machines, arithmetic operations</td>
</tr>
<tr>
<td>• Algorithm design: concept of algorithms, computability, abstract computability models, cost, complexity of algorithms, complexity of problems, correctness and verification of algorithms</td>
</tr>
<tr>
<td>• Introduction to Java: fields, classes, objects and methods</td>
</tr>
<tr>
<td>• Structured programming: systematic design of algorithms, stepwise refinement, control flow, modularity, recursive procedures, simple data structures: list, stacks, queue, binary trees</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong></td>
</tr>
<tr>
<td>By the end of the module the students have basic knowledge of Computer Science terminology (Algorithm, program, correctness of programs), knowledge of design, implementation and evaluation of small (object-oriented) programs.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong></td>
</tr>
<tr>
<td>-</td>
</tr>
<tr>
<td><strong>Recommended:</strong></td>
</tr>
<tr>
<td>-</td>
</tr>
<tr>
<td><strong>Courses</strong></td>
</tr>
<tr>
<td>Lecture</td>
</tr>
<tr>
<td>Exercise class</td>
</tr>
<tr>
<td>ECTS in total</td>
</tr>
<tr>
<td><strong>Form of assessment</strong></td>
</tr>
<tr>
<td><strong>Lecturer/Person in charge</strong></td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td><strong>Offering</strong></td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td><strong>Grade</strong></td>
</tr>
</tbody>
</table>
Module: Computer Science II

Contents:
"Computer Science II" is the continuative computer science course at the University of Mannheim. In accordance with the profile of computer science education in Mannheim the focus will be on practical aspects of Computer Science, especially the working principles of computer systems and the programming of a hierarchy of virtual machines of increasing power.

Overview:
- Introduction to the design of digital switches: gates, normal forms, minimization of logic statements, switching networks and sequential logic systems, half-adder, full-adder, flip flop, register
- Construction of computing systems: architecture of the von Neumann computer, CPU, memory, bus, cache, controlling of external devices, micro-programming, computer systems as a hierarchy of virtual machines
- Machine-oriented programming: Description of the Motorola 68000 processor, addressing in the M 68000, instructions in the M 68000, subprogramming techniques; alternatively, Java bytecode
- Principles of compiler construction: Lexical analysis, syntax analysis, code generation, optimization, accuracy of the translation

Learning outcomes:
By the end of the module students have basic knowledge of the working principles of computer systems as well as knowledge of machine-oriented programming and compiler construction.

Prerequisites:
Formal: -
Recommended: Basic knowledge in Computer Science

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4</td>
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<tr>
<td>Exercise class</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

ECTS in total 8

Form of assessment Written exam (90 min.)

Lecturer/Person in charge Lecturers of Computer Science

Duration of module 1 semester

Offering Spring semester

Language German

Grade graded

Module: Algorithms and Data Structures

Contents:
Algorithms and data structures for important classes of problems (searching, sorting, graph problems, recognition of patterns in texts, methodologies of concepts for algorithms (divide and conquer, greedy method, dynamic programming, backtracking, branch and bound)

Learning outcomes:
By the end of the module the students have investigated a pool of important algorithms and become familiar with the analysis of algorithms. Furthermore students have learned important principles for the design of efficient algorithms.

Prerequisites:
Formal: -
Recommended: Basic knowledge in Computer Science I

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>8</td>
</tr>
</tbody>
</table>

ECTS in total 8

Form of assessment
Preparatory assessment: generally, successful participation in the exercise classes; Written exam (90 min.) or two partial exams

Lecturer/Person in charge Lecturers of Computer Science

Duration of module 1 semester

Offering Fall semester

Language German

Grade graded

Module: Database Systems I

Contents:
The lecture is an introduction to database systems, and includes the following topics:
- database design
- the relational model
- data integrity
- relational design theory
- physical data organization
- request handling
- transaction management
- error handling
- multi-user synchronization
- safety aspects
- distributed database systems
- data warehouses

Learning outcomes:
By the end of the module the students have a basic knowledge of database systems.

Prerequisites:
Formal: -
Recommended: Basic knowledge of Computer Science 1

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4</td>
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</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>ca. 9</td>
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</tbody>
</table>

ECTS in total 8

Form of assessment          | Written exam (90 min.) |
Lecturer/Person in charge   | Prof. Dr. Guido Moerkotte |
Duration of module          | 1 semester              |
Offering                    | Spring semester         |
Language                    | German                  |
Grade                       | graded                  |
4.3. Business Law

4.3.1 Elective Module: Employment Law and Social Security Law

In this elective module the students can collect 4 - 16 ECTS.

### Module: Employment and Social Security Law

| Course content: |  |
|-----------------|  |
| Individual Employment Law, Collective Employment Law, Social Security Law, Human Resource Management in organizations from a judicial perspective. |

<table>
<thead>
<tr>
<th>Learning outcomes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Students have knowledge of basic terms and principals of the German and European employment law, as well as the given jurisprudence of the supreme court. They understand the interaction between individual and collective legal instruments.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prerequisites:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formal: -</td>
</tr>
<tr>
<td>Recommended: Basic knowledge of civil law.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses and course structure:</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture/Excercise</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Individual Employment Law</td>
<td>4</td>
<td>ca. 8</td>
<td>6</td>
</tr>
<tr>
<td>Lecture</td>
<td>4</td>
<td>ca. 8</td>
<td>6</td>
</tr>
<tr>
<td>Collective Employment Law</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Lecture</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Social Security Law</td>
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<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Lecture</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Labour Law and Human Resource Management Lecture</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Coalititon and Labour agreement law (Prerequisite: Lecture Collective Employment Law)</td>
<td>2</td>
<td>ca. 2</td>
<td>2</td>
</tr>
<tr>
<td>Case Study</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Human Resources and Organization (Prerequisite: Lecture Labour Law and Human Resource Management)</td>
<td>2</td>
<td>ca.</td>
<td>2</td>
</tr>
</tbody>
</table>

Total ECTS for module: 4-16

<table>
<thead>
<tr>
<th>Form and extent of examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Employment Law, Collective Employment Law, Social Security Law: an oral exam or a (written) exam at the end of the semester. The person responsible for the module will announce the form of the examination at the beginning of the spring semester. The grade for the module is computed out of the (arithmetic) average ECTS points of all graded partial examinations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lecturer/person responsible for module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Friedemann Kainer</td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td>-------------------------</td>
</tr>
</tbody>
</table>
| **Cycle of curriculum** | spring semester: Individual Employment Law, Case Study  
                       | fall semester: Collective Employment Law, Social Security Law |
| **Language**           | German                        |
| **Grade**              | graded                        |
| **Range of application** | M.Sc. MMM                    |
4.3.2 Elective Module Commercial Law, Corporate and Partnership Law

In this elective, students can choose the following combinations: lecture Stock Corporation Law and/or the lecture Corporate Law collecting 4, 2 or 6 ECTS or a total of 18 ECTS by choosing all course listed here.

<table>
<thead>
<tr>
<th>Module: Commercial Law and Corporate and Partnership Law</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong> Commercial Law, Corporate and Partnership Law, Group Law.</td>
</tr>
<tr>
<td><strong>Educational and Qualification Objectives:</strong> Students know basic terms and principals of the German Commercial and Partnership Law, including Corporate Law. They will analyze facts of a case from this area and develop legal solutions.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> -</td>
</tr>
<tr>
<td><strong>Formal:</strong></td>
</tr>
<tr>
<td><strong>Recommended:</strong> Basic knowledge of civil law.</td>
</tr>
<tr>
<td><strong>Courses</strong></td>
</tr>
<tr>
<td>Lecture Commercial Law</td>
</tr>
<tr>
<td>Lecture Corporate and Partnership Law</td>
</tr>
<tr>
<td>Tutorial Commercial Law/Corporate and Partnership Law</td>
</tr>
<tr>
<td>Lecture Stock Corporation Law</td>
</tr>
<tr>
<td>Lecture Corporate Law</td>
</tr>
<tr>
<td><strong>Total ECTS for module:</strong> max. 18</td>
</tr>
<tr>
<td><strong>Form and extent of examination</strong></td>
</tr>
<tr>
<td><strong>Lecturer/person responsible for module</strong></td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td><strong>Cycle of curriculum</strong></td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td><strong>Grade</strong></td>
</tr>
<tr>
<td><strong>Range of application</strong></td>
</tr>
</tbody>
</table>
4.3.3. Elective Module Law of Financial Services

You can sign up for this elective as a whole. It measures 16 ECTS.

<table>
<thead>
<tr>
<th>Module: Law of Financial Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course content:</strong></td>
</tr>
<tr>
<td><strong>Educational Objectives:</strong></td>
</tr>
<tr>
<td>Students are familiar with basic – German and European – legal regulations of banking/capital markets/Insurance Law. They know the special meaning of ‘General Terms and Conditions’ and the jurisprudence of the supreme court in that field.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong> -</td>
</tr>
<tr>
<td><strong>Recommended:</strong> Basic knowledge of civil law.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses and course structure:</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Capital Market Law</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Lecture Private Insurance Law I (law of insurance contract)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Lecture Banking Law</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Lecture Private Insurance Law II (Insurance Company Law, Insurance Control Law - German and International)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
</tbody>
</table>

| Total ECTS for module: | 16 |

<table>
<thead>
<tr>
<th>Form and extent of examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partial examinations:</td>
</tr>
<tr>
<td>There will be an oral exam in every course at the end of the semester.</td>
</tr>
<tr>
<td>The grade for the module is computed out of the (arithmetic) average ECTS points of all graded partial examinations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lecturer/responsible for module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Georg Bitter and Prof. Dr. Oliver Brand</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Duration of module</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 year, Start: Spring semester or fall semester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cycle of curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall semester: Capital Market Law, Private Insurance Law II</td>
</tr>
<tr>
<td>Spring semester: Banking Law, Private Insurance Law I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>German</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>graded</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Range of application</th>
</tr>
</thead>
<tbody>
<tr>
<td>M.Sc. MMM</td>
</tr>
</tbody>
</table>
4.3.4 Elective Module Public Business Law

You can sign up for his elective as a whole. It measures 17 ECTS.

<table>
<thead>
<tr>
<th>Module: Public Business Law</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course content:</td>
</tr>
<tr>
<td>German Economic Constitutional Law, European Economic Constitutional Law, Basics of Economic Administrative Law</td>
</tr>
<tr>
<td>Educational and Qualification Objectives:</td>
</tr>
<tr>
<td>Students know the legal basics of our economic constitution and gain insight into Public Business Law including its references to European law. They broaden their knowledge in a seminar.</td>
</tr>
<tr>
<td>Prerequisites:</td>
</tr>
<tr>
<td>Formal:</td>
</tr>
<tr>
<td>Recommended:</td>
</tr>
<tr>
<td>Basic knowledge of civil law.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses and course structure:</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture (with study group)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>German Economic Constitutional Law</td>
<td>2 (+ study group = 4)</td>
<td>ca. 4</td>
<td>4</td>
</tr>
<tr>
<td>Lecture (with study group)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>European Economic Constitutional Law</td>
<td>2 (+ study group = 4)</td>
<td>ca. 4</td>
<td>4</td>
</tr>
<tr>
<td>Lecture (with study group)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basics of Economic Administrative Law</td>
<td>2 (+ study group = 4)</td>
<td>ca. 4</td>
<td>4</td>
</tr>
<tr>
<td>Seminar for Public Business Law</td>
<td></td>
<td>ca. 8</td>
<td>5</td>
</tr>
</tbody>
</table>

Total ECTS for module: 17

Form and extent of examination: Written exam (180 min.), which will test the content of the lecture and a term paper. The grade of the final exam measures 70% of the final module grade, the grade of the term paper measures 30%.

Lecturer/person responsible for module: Prof. Dr. Thomas Puhl

Duration of module: 1 year, Start: fall semester

Cycle of curriculum: Fall semester: German Economic Constitutional Law, Spring semester: European Economic Constitutional Law, Basics of Economic Administrative Law, Fall semester or spring semester (according to offering): seminar

Language: German

Grade: graded

Range of application: M.Sc. MMM
4.3.5 Elective Module Tax Law

In this elective module the students can collect 12 - 24 ECTS. Additionally, the elective can be combined with courses of the elective module Commercial Law, Corporate and Partnership Law.

Module: Tax Law

Course content:

Educational and Qualification Objectives:
In addition to the modules in Business Taxation offered by the Areas Accounting and Taxation, students are familiar with basic regulations of Procedural Tax Law and the treated special tax laws. They are able to apply these regulations on facts of a case, taking the judicial methodology into account.

Prerequisites:
**Formal:**
- **Recommended:** It is helpful to also enroll in the modules TAX 510 and 520 (respectively 530).

<table>
<thead>
<tr>
<th>Courses and course structure</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedural Tax Law (Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Value Added Tax Law (Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Financial and Tax Accounting (Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Advanced Enterprise Tax Law (Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Penal Fiscal Law (Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>European Tax Law (Fall semester, no offer in fall 2017!)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Inheritance Tax Law and Legal Valuation (Spring semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Tax Reorganization Law (Spring semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>International Tax Law (Spring semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Enterprise Tax Law (Spring/Fall semester)</td>
<td>2</td>
<td>ca. 6</td>
<td>4</td>
</tr>
<tr>
<td>Income Tax Law (Spring semester)</td>
<td>2</td>
<td>ca. 10</td>
<td>6</td>
</tr>
</tbody>
</table>

Total ECTS for module: 12-24

Form and extent of examination:
There is a written exam (90 min.) in every course, which can be substituted for an oral exam of 15 min.
<table>
<thead>
<tr>
<th><strong>Lecturer/person responsible for module</strong></th>
<th>Prof. Dr. Thomas Fetzer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration of module</strong></td>
<td>1 year, Start: spring semester or fall semester</td>
</tr>
<tr>
<td><strong>Language</strong></td>
<td>German</td>
</tr>
<tr>
<td><strong>Grade</strong></td>
<td>graded</td>
</tr>
<tr>
<td><strong>Range of application</strong></td>
<td>M.Sc. MMM, LL.M.</td>
</tr>
</tbody>
</table>
4.3.6 Elective European and International Business Law

In this elective module students can collect up to 15 ECTS. A variety of courses taught in English is offered, of which students choose between two and five. Please register with Mrs. Meta Geisbüsch (mcbl@uni-mannheim.de).

<table>
<thead>
<tr>
<th>Module: Elective European and International Business Law</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course content:</strong></td>
</tr>
<tr>
<td>You find the Course content of each course at the module catalog of the Master of Comparative Business Law: <a href="http://mcbl.uni-mannheim.de/Downloads/Module_Guide%202016-17.pdf">http://mcbl.uni-mannheim.de/Downloads/Module_Guide%202016-17.pdf</a>.</td>
</tr>
<tr>
<td><strong>Educational and Qualification Objectives:</strong></td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong> -</td>
</tr>
<tr>
<td><strong>Recommended:</strong> Basic knowledge of civil law and public law</td>
</tr>
<tr>
<td><strong>Courses and course structure:</strong></td>
</tr>
<tr>
<td><strong>Hours per Week</strong></td>
</tr>
<tr>
<td>European Market Freedoms (HWS)</td>
</tr>
<tr>
<td>European Competition Law (HWS)</td>
</tr>
<tr>
<td>EU Financial Markets &amp; Transactions (HWS)</td>
</tr>
<tr>
<td>International Trade Law (FSS)</td>
</tr>
<tr>
<td>International Business Transaction (FSS)</td>
</tr>
<tr>
<td>Behavioral Law &amp; Economics (FSS)</td>
</tr>
<tr>
<td>Law &amp; Economics (FSS)</td>
</tr>
<tr>
<td><strong>Total ECTS for module:</strong></td>
</tr>
<tr>
<td><strong>Form and extent of examination</strong></td>
</tr>
<tr>
<td><strong>Lecturer/person responsible for module</strong></td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td><strong>Cycle of curriculum</strong></td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td><strong>Grade</strong></td>
</tr>
<tr>
<td><strong>Range of application</strong></td>
</tr>
</tbody>
</table>
4.4. Political Science

For students who start the elective Political Science in fall 2015 or later: Students choose up to three courses in the field of political science. Students can choose up to two introductory lectures and up to two advanced lectures. Information about the course contents and the learning outcomes can be found in the module catalog of the B.A. Political Science (http://home.sowi.unimannheim.de/politikwissenschaft/b_a_politikwissenschaft/dokumente/Modulkatalog%20BA%20Povi%20HWS%202015_VER%C3%96FFENTLICHUNG.pdf).

Students who started the elective in Political Science before fall 2015 find all information about their study plan here: http://home.sowi.unimannheim.de/politikwissenschaft/studierende_anderer_fakultaeten/.

The courses usually are taught in german. If they are taught in english, it will be announced by the lecturer or via Portal2 in time.

Introductory Lectures

<table>
<thead>
<tr>
<th>Semester</th>
<th>Type of Course</th>
<th>Course</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall semester</td>
<td>Lecture</td>
<td>Introduction to Political Science</td>
<td>6</td>
</tr>
<tr>
<td>Fall semester</td>
<td>Lecture</td>
<td>Introduction to the Political System of the Federal Republic of Germany</td>
<td>6</td>
</tr>
<tr>
<td>Fall semester</td>
<td>Lecture</td>
<td>Introduction to Political Sociology</td>
<td>6</td>
</tr>
<tr>
<td>Spring semester</td>
<td>Lecture</td>
<td>Introduction to Comparative Government</td>
<td>6</td>
</tr>
<tr>
<td>Fall semester</td>
<td>Lecture</td>
<td>Introduction to International Relations</td>
<td>6</td>
</tr>
</tbody>
</table>

Students can choose two out of five lectures.

Advanced Lectures

<table>
<thead>
<tr>
<th>Semester</th>
<th>Type of Course</th>
<th>Course</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall semester / Spring semester</td>
<td>Lecture</td>
<td>Selected Topics of Comparative Government</td>
<td>7</td>
</tr>
<tr>
<td>Fall semester / Spring semester</td>
<td>Lecture</td>
<td>Selected Topics of Political Sociology</td>
<td>7</td>
</tr>
<tr>
<td>Fall semester / Spring semester</td>
<td>Lecture</td>
<td>Selected Topics of International Relations</td>
<td>7</td>
</tr>
</tbody>
</table>

Students can choose two out of three lectures.
4.5. Mathematics

4.5.1 Mathematics for students without skills in mathematics

2 out of the following 4 modules have to be passed for successful completion of the elective.

<table>
<thead>
<tr>
<th>Module: Analysis I</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong> Sets and mappings, real numbers, continuity and differentiability of functions in one real variable, power series, Riemannian integral.</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong> By the end of the module, students gained familiarity in dealing with the fundamental terms and methods of Analysis, knowledge of the essential mathematical methods of proof.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> Formal: - Recommended: -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4+2</td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of assessment⁶</th>
<th>In advance (generally): successful participation in the exercise classes; Written (90 min.) or oral exam (30 min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturer/Person in charge</td>
<td>Lecturers of the Institute of Mathematics</td>
</tr>
<tr>
<td>Duration of module</td>
<td>1 semester</td>
</tr>
<tr>
<td>Offering</td>
<td>Fall semester</td>
</tr>
<tr>
<td>Language</td>
<td>German</td>
</tr>
</tbody>
</table>

⁶ Types of examination generally as listed above. Alternative types of examination may be used if found appropriate by the lecturer.
**Module: Analysis II**

**Contents:**
Differentiable functions of several real variables, multidimensional integration theory.

**Learning outcomes:**
By the end of the module students gained familiarity in dealing with functions of several real variables.

**Prerequisites:**
- **Formal:** Basic knowledge in Linear Algebra
- **Recommended:** Module Analysis I

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4 + 2</td>
<td></td>
</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>13</td>
</tr>
</tbody>
</table>

ECTS in total: 10

**Form of assessment**
In advance (generally): successful participation in the exercise classes; Written (90min.) or oral exam (30 min.)

**Lecturer/Person in charge**
Lecturers of the Institute of Mathematics

**Duration of module**
1 semester

**Offering**
Spring semester

**Language**
German

**Grade**
graded

**Range of application**

---

7 Types of examination generally as listed above. Alternative types of examination may be used if found appropriate by the lecturer.
Module: Linear Algebra I

Contents:
Groups, rings, fields, vector spaces, linear mapping, matrices, systems of linear equations, determinants, eigenvalues and diagonalisation, Euclidean vector spaces.

Learning outcomes:
By the end of the module students gained knowledge of the essential ideas and methods of Linear Algebra as well as knowledge of the essential mathematical methods of proof.

Prerequisites:
Formal: -
Recommended: -

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4+2</td>
<td>11</td>
</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

ECTS in total 3

Form of assessment8
In advance (generally): successful participation in the exercise classes;
Written (90min.) or oral exam (30 min.).

Lecturer/Person in charge
Lecturers of the Institute of Mathematics

Duration of module
1 semester

Offering
Fall semester

Language
German

Grade
graded

Range of application

---

8 Types of examination generally as listed above. Alternative types of examination may be used if found appropriate by the lecturer.
Module: Linear Algebra II

Contents:
Finite groups, elementary theory of numbers, linear programming, finite fields, supplements to Linear Algebra I.

Learning outcomes:
By the end of the module students gained knowledge about Discrete Mathematics.

Prerequisites:
Formal: - 
Recommended: Module Linear Algebra I

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total: 9

Form of assessment
In advance (generally): successful participation in the exercise classes; Written (60 min.) or oral exam (30 min.).

Lecturer/Person in charge: Lecturers of the Institute of Mathematics

Duration of module: 1 semester

Offering: Spring semester

Language: German

Grade: graded


---

9 Types of examination generally as listed above. Alternative types of examination may be used if found appropriate by the lecturer.
4.5.2 Mathematics for students with skills in mathematics

The elective Mathematics for students with prior skills can be taken flexibly within the range of 16 to 24 ECTS. All offered classes of the Bachelor of Science and Master of Science in Mathematics in Business and Economics at the University of Mannheim can be taken except lectures that have already been completed during the bachelor’s degree and seminars of the program Mathematics in Business and Economics. Graduates from a mathematical degree courses are only allowed to take classes from the Bachelor of Science Mathematics in Business and Economics with the permission of the examining committee.

Additional information on the individual classes as well as their respective requirements is available under the following links:


or


In general, it is advised to get in touch with the scientific staff for Mathematics in Business and Economics (estrehle@mail.uni-mannheim.de) or with the Manager of Degree Programs at the School of Business Informatics and Mathematics in Business and Economics (boldin@wim.uni-mannheim.de) in terms of course selection.
4.6. Psychology

The elective subject Psychology requires the completion of three of the following four lectures (12 ECTS).

<table>
<thead>
<tr>
<th>Module: Psychology</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong> The elective subject Psychology delivers an overview of the main research areas of Business Psychology (Industrial and Organizational Psychology &amp; Consumer Psychology) and presents the problems which arise when elementary Psychology is applied in practice. Furthermore, the most important theories of Social Psychology, which are the foundations of Business Psychology, will be taught.</td>
</tr>
<tr>
<td><strong>Learning Outcomes:</strong> Students will be familiar with the basic terms and methods of Business Psychology and will be able to apply them correctly. Students will also be aware of and able to understand and evaluate the scientific and practical significance of the most important theories and empirical results of the subject area.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong> -</td>
</tr>
<tr>
<td><strong>Recommended:</strong> -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per Week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1: Industrial and Organizational Psychology (lecture)</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>N1: Consumer Psychology (lecture)</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>K1: Social Psychology I (lecture)</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>K3: Social Psychology II (lecture)</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total ECTS for module:</strong></td>
<td></td>
<td></td>
<td>12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of Assessment</th>
<th>Written exam (60 min.) in each lecture; The overall grade is calculated by averaging the ECTS points of all graded partial examinations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module coordinators/Lecturers</td>
<td>The module coordinators are: a) the chair holders of the Departments of Industrial and Organizational Psychology and Consumer and Economic Psychology, b) the chair holders of the Departments of Social Psychology and Microsociology. The academic staff members of the above mentioned departments are appointed lecturers; external lecturers may also be employed.</td>
</tr>
<tr>
<td>Offering</td>
<td>(Start is recommended in the fall semester)</td>
</tr>
<tr>
<td></td>
<td>K1: spring semester</td>
</tr>
<tr>
<td></td>
<td>K3: fall semester</td>
</tr>
<tr>
<td></td>
<td>L1: fall semester</td>
</tr>
<tr>
<td></td>
<td>N1: fall semester</td>
</tr>
<tr>
<td>Language</td>
<td>German</td>
</tr>
<tr>
<td>Grade</td>
<td>graded</td>
</tr>
<tr>
<td>Range of Application</td>
<td>M.Sc. MMM</td>
</tr>
</tbody>
</table>
4.7. English and American Studies

The elective in English and American Studies offers a choice between English Linguistics (Alternative I) or English and American Literature Studies (Alternative II).

4.7.1. English and American Studies for students without skills in humanities

English Linguistics (Alternative I)
All of the following modules have to be taken (15 ECTS).

<table>
<thead>
<tr>
<th>Module: Introduction to English Linguistics (lecture without tutorial)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong></td>
</tr>
<tr>
<td>This course is designed to introduce the central terms and topics in current English linguistics. Topics to be dealt with include phonetics, phonology, morphology, semantics, syntax and pragmatics. Students will be introduced to analyzing various layers of language.</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong></td>
</tr>
<tr>
<td>After having completed the course, students will be able to execute basic linguistic analyses and to appropriately use fundamental terminology.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong> -</td>
</tr>
<tr>
<td><strong>Recommended:</strong> -</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6</td>
</tr>
</tbody>
</table>

ECTS in total 4

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>Written exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturer/Person in charge</td>
<td>Dr. Ira Gawlitzek</td>
</tr>
<tr>
<td>Duration of module</td>
<td>1 semester</td>
</tr>
<tr>
<td>Offering</td>
<td>Fall semester and Spring semester</td>
</tr>
<tr>
<td>Language</td>
<td>English</td>
</tr>
<tr>
<td>Grade</td>
<td>graded</td>
</tr>
<tr>
<td>Range of application</td>
<td>M.Sc. MMM, other Master programs</td>
</tr>
</tbody>
</table>
Module: Lecture Series *Methods* (see Master program “Language and Communication”)

### Contents:
Systematic presentation of fundamental quantitative and qualitative methods of linguistics.

### Learning outcomes:
Students are familiar with quantitative and qualitative methods of linguistics which they are able to classify into the respective context of research and also know the appropriate method for different research approaches.

### Prerequisites:
<table>
<thead>
<tr>
<th>Formal:</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended:</td>
<td>-</td>
</tr>
</tbody>
</table>

### Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6</td>
</tr>
</tbody>
</table>

ECTS in total 4

### Form of assessment
Written exam

### Lecturer/Person in charge
Prof. Dr. Arnulf Deppermann/ Prof. Dr. Stefan Engelberg respectively changing lecturers

### Duration of module
1 semester

### Offering
Fall semester

### Language
German or English

### Grade
graded

### Range of application
M.Sc. MMM, other Master programs
Module: Seminar to be chosen from the offering of the master program “Language and Communication”

Contents:
Depending on the choice of seminar, students expand their theoretical knowledge in the central area of linguistics or use their methodical and theoretical expertise dealing with one of the following fields of research: interaction and text, linguistic methodology, language acquisition, multilingualism and linguistic theories.

Learning outcomes:
Students acquire the competence to adequately describe and arrange synchronic and diachronic phenomena and also comprehend the according theories.

Prerequisites:
Formal: Lecture - *Introduction to English Linguistics*
Recommended: At least the content of the lecture *Introduction to English Linguistics*

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>13</td>
</tr>
</tbody>
</table>

ECTS in total 7

Form of assessment Written exam or oral exam or term paper

Lecturer/Person in charge Dr. Dieter Thoma

Duration of module 1 semester

Offering Fall semester and Spring semester

Language German or English or French or Spanish

Grade graded

Range of application M.Sc. MMM, other Master programs
**English and American Literature Studies (Alternative II)**
All of the following modules have to be taken, with the first module having an alternative (16 or 17 ECTS).

Module: Introduction to English and American Literature Studies (lecture without tutorial)

**Alternative:** Lecture series *Theories of Modern Culture*

### Contents of the lecture *Introduction to English and American Literature Studies*:
The module introduces the following areas using exemplarily literary and theoretical texts:
- nature, function and self-conception of literary studies and literature theory
- key questions dealing with the understanding and interpretation of literary texts
- specific of literary genres and epochs
- terminology of the study of literature
- working techniques and methods

### Contents of the lecture series *Theories of Modern Culture*:
The module introduces theories of modern culture focusing on the process of modernisation as well as on the concept of culture.

### Learning outcomes:
After having completed the module, students are familiar with the essential concepts, theories, genres and working techniques of literature and cultural studies and are able to apply these. Furthermore, students will have gained an overview of the cultural and social pertinence of the topics.

### Prerequisites:

<table>
<thead>
<tr>
<th>Formal:</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended:</td>
<td>Interest in questions concerning literature and cultural studies, theoretical concepts and literary texts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6/8</td>
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</table>

ECTS in total 4-5

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>Written exam (90 min.)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lecturer/Person in charge</th>
<th>Dr. Stefan Glomb/ Prof. Dr. Christa Grewe-Volpp respectively changing lecturers</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Duration of module</th>
<th>1 semester</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Offering</th>
<th>Fall semester and Spring semester (lecture series only during Fall semester)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Language</th>
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<table>
<thead>
<tr>
<th>Grade</th>
<th>graded</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Range of application</th>
<th>M.Sc. MMM, other Master programs</th>
</tr>
</thead>
</table>
**Module: Lecture Literature Studies**

**Contents:**
This module focuses on the analysis of selected aspects of English as well as American literary and cultural history. It imparts advanced knowledge in the area of literary theory building (models, approaches, and methods) as well as theories, models and techniques of describing and interpreting literary texts within their respective sociocultural contexts.

**Learning Outcomes:**
The module imparts advanced knowledge in the area of literary theory building (models, approaches, and methods) as well as theories, models and techniques of describing and interpreting literary texts within their respective sociocultural contexts.

**Prerequisites:**
**Formal:** Introduction to English and American Literature Studies or Lecture series Theoretical Basics

**Recommended:** Interest in questions concerning literature and cultural studies, theoretical concepts and literary texts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6</td>
</tr>
</tbody>
</table>

ECTS in total 4

**Form of assessment**
Written or oral exam

**Lecturer/Person in charge**
Changing Lecturers

**Duration of module**
1 Semester

**Offering**
Fall semester and Spring semester

**Language**
German/English

**Grade**
graded

**Range of application**
M.Sc. MMM, other Master programs
Module: Seminar to be chosen from the offerings of the master-program
“Transformation of Culture in the Modernity: Literature and Media”

Contents:
Depending on the choice of seminar, the course delves into the fundamental terms and topics of the respective module taken from the master “Transformation of Culture in the Modernity: Literature and Media” which are: “The Individual, Environment and Society in Historical Change”, “Intercultural Perspective, Postcolonial Constellations and Transnational Discourses” or “Aesthetic Transformations and Theoretical Concepts”. Students of the seminar exercise transfer and interpretation in the particular area and apply theoretical concepts independently to literary examples.

Learning outcomes:
After having completed the module students are familiar with the essential concepts, theories and the development of the respective module. These, students studied using specific texts and materials and are thus able to work with their knowledge independently.

Prerequisites:
Formal: Lecture Introduction to English and American Literature Studies or Lecture series Theories of Modern Culture
Recommended: knowledge of basic concepts of literature and cultural studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>13</td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

Form of assessment
Written exam (90 min.) or oral exam or term paper

Lecturer/Person in charge: changing lecturer

Duration of module: 1 semester

Offering: Fall semester and Spring semester

Language: German or English or French or Spanish

Grade: graded

Range of application: M.Sc. MMM, other Master programs
### Module: English and American Literature Studies

<table>
<thead>
<tr>
<th>Course</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Studies (from the offering of the MakuWi)</td>
<td>Exam</td>
<td>4</td>
</tr>
<tr>
<td>Seminar taken from the thematic module of the master-program “Transformation of Culture in the Modernity: Literature and Media”</td>
<td>Written exam or oral exam or term paper</td>
<td>7</td>
</tr>
<tr>
<td>Seminar to be chosen from the offerings of the master-program “Transformation of Culture in the Modernity: Literature and Media”</td>
<td>Written exam or oral exam or term paper</td>
<td>7</td>
</tr>
</tbody>
</table>

### Module: English Linguistics

<table>
<thead>
<tr>
<th>Course</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional Studies (from the offering of the MakuWi)</td>
<td>Exam</td>
<td>4</td>
</tr>
<tr>
<td>Seminar to be chosen from the offering of the master program “Language and Communication”</td>
<td>Written exam or oral exam or term paper</td>
<td>7</td>
</tr>
<tr>
<td>Seminar to be chosen from the offering of the master program “Language and Communication”</td>
<td>Written exam or oral exam or term paper</td>
<td>7</td>
</tr>
</tbody>
</table>
4.8. German Studies

The elective in German Studies offers a choice between German Linguistics (Alternative I) or German Literature Studies (Alternative II).

4.8.1. German Studies for students without skills in humanities

**German Linguistics (Alternative I)**
All of the following modules have to be taken (16 or 18 ECTS).

| Module: Introduction to German synchronic linguistics (without tutorial) |
|---|---|---|---|
| **Contents:** | Phonology, syntax, (functional) discourse grammar, semantics, pragmatics, sociolinguistics, psycholinguistics, semiotics |
| **Learning outcomes:** | By the end of the module students acquainted with, understand and use paradigms and working methods of linguistics. |
| **Prerequisites:** | Formal: -  
Recommended: - |
| **Courses** | **Hours per week** | **Self-study** |
| Lecture | 2 | 6 |
| ECTS in total | | 4 |
| **Form of assessment** | Written exam |
| **Lecturer/Person in charge** | Lecturers of Linguistics |
| **Duration of module** | 1 semester |
| **Offering** | Fall semester and Spring semester |
| **Language** | German |
| **Grade** | graded |
| **Range of application** | M.Sc. MMM, other Master programs |
Module: Lecture – *Developments of German standard language*  
or: Exercise Class – *Synchronic linguistics / diachronic linguistics*

**Contents:**  
Fundamental quantitative and qualitative methods of linguistics

**Learning outcomes:**  
Lecture: Students become acquainted with, understand, evaluate and analyze developments of German standard language.

Exercise Class: Students understand, evaluate and analyze developments of German standard language.

**Prerequisites:**  
Formal: -  
Recommended: -

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
<td>6</td>
</tr>
</tbody>
</table>

ECTS in total 4-6

**Form of assessment**  
Lecture: Written exam  
Exercise Class: Term paper

**Lecturer/Person in charge**  
Lecturers of Linguistics

**Duration of module**  
1 semester

**Offering**  
Fall semester and Spring semester

**Language**  
German

**Grade**  
graded

**Range of application**  
M.Sc. MMM, other Master programs
Module: Seminar taken out of the Module „Language and Media“

Contents:
Advanced knowledge in one of the areas language as a system, language as means of (media) communication, language history, reflection of the relationship between (one’s own) media and language usage, or language analysis as means of cultural and media analysis.

Learning outcomes:
Advanced knowledge of the German language history up to the present day as well as an extended investigation with exemplary problems of synchronic linguistics and especially the reflection of mediality of language and its different media usage.

Prerequisites:
Formal: Introduction to synchronic linguistics
Recommended: -

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>14</td>
</tr>
</tbody>
</table>

ECTS in total 8

Form of assessment Term paper or oral exam
Lecturer/Person in charge Changing Lecturers
Duration of module 1 Semester
Offering Fall semester and Spring semester
Language German
Grade graded
Range of application M.Sc. MMM, other Master programs
German Literature Studies (Alternative II)

All of the following modules have to be taken (16 ECTS).

<table>
<thead>
<tr>
<th>Module: German literature studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course: Lecture, Introduction to modern/contemporary German literature studies, part 1</td>
</tr>
</tbody>
</table>

| Contents: |
The lecture aims to introduce students to the subject area and terms of modern German literature. It presents pivotal/central categories such as ‘xy (Fiktionalität)’ and ‘aesthetics’ and deals with the basics of the three main genres epic, lyric and drama. Additionally, the course offers a survey of the German literary history starting from the Baroque period. Selected works will be used to exemplarily deal with all these aspects.

| Learning outcomes: |
After having completed the course students will be familiar with the fundamental terms of modern German literature studies and know how to apply these terms. Furthermore, students will have received a survey of the three main genres and the history of literature since 1600.

| Prerequisites: |
| Formal: |
| Recommended: |
An interest in literary texts, questions considering the issue of literary criticism and theoretical concepts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of assessment</th>
<th>Written exam (60 min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecturer/Person in charge</td>
<td>Changing Lecturers</td>
</tr>
<tr>
<td>Duration of module</td>
<td>1 semester</td>
</tr>
<tr>
<td>Offering</td>
<td>Fall semester</td>
</tr>
<tr>
<td>Language</td>
<td>German</td>
</tr>
<tr>
<td>Grade</td>
<td>graded</td>
</tr>
<tr>
<td>Range of application</td>
<td>M.Sc. MMM, other Master programs</td>
</tr>
</tbody>
</table>
Module: German Literature Studies

Course: PS - Literature Studies

Contents:
Lecture - literature studies
To pick up the thread of the lecture introduction to modern German literature studies this lecture deals with selected aspects of German literature. The span of possible topics reaches from certain/particular authors, epochs, genres or motifs to general or specific concepts of literature theory.

Contents:
PS - literature studies
In comparison to the lecture, the introductory seminar focuses on independent methodical working. When analyzing texts, the form, the literary history and of the comparativeness of literature is in the foreground. This takes place when one goes into theoretical questions of cross-cultural and contextual understanding. Secondary and research literature will be included in the seminar’s work as well.

Learning outcomes:
By the end of the module students are able to work independently scientifically with reference to secondary literature. They furthermore have detailed knowledge of methods and theories of literature studies.

Prerequisites:
Formal: Lecture - Introduction to German Literature Studies
Recommended: An interest in literary texts, questions considering the issue of literary criticism and theoretical concepts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>8</td>
</tr>
</tbody>
</table>

ECTS in total 5

Form of assessment Term paper
Lecturer/Person in charge changing lecturer
Duration of module 1 semester
Offering Fall semester and Spring semester
Language German
Grade graded
Range of application M.Sc. MMM, other Master programs
Module: German literature studies

Course: Seminar to choose from the offering of the master program “Transformation of Culture in the Modernity: Literature and Media“

Contents:
Depending on the choice of seminar, the course delves into the fundamental terms and topics of the respective module taken from the master “Transformation of culture in the modernity: literature and media” which are: “the individual, environment and society in historical change”, “intercultural perspective, postcolonial constellations and transnational discourses” or “aesthetic transformations and theoretical concepts”. Students of the seminar exercise transfer and interpretation in the particular area and apply theoretical concepts independently to literary examples.

Learning outcomes:
After having completed the module, students will be familiar with fundamental terms, theories and the development of the respective module. Furthermore, students will have gained an overview of the cultural and social pertinence of these topics.

Prerequisites:
Formal: Lecture - Introduction to modern/contemporary German literature studies
Recommended: Knowledge of basic concepts of cultural studies and literature

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>12</td>
</tr>
</tbody>
</table>

ECTS in total 7

Form of assessment
Written exam (90 min.) or oral exam (20 min.) or term paper (about 15-20 pages of written text)

Lecturer/Person in charge
Changing lecturer

Duration of module
1 semester

Offering
Fall semester and Spring semester

Language
German

Grade
graded

Range of application
M.Sc. MMM, other Master programs
4.8.2. German Studies for students with skills in humanities

<table>
<thead>
<tr>
<th>Module: German literature studies</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Literature Studies</td>
<td>protocol</td>
<td>4</td>
</tr>
<tr>
<td>Seminar in Literature Studies to be chosen from the offering of the master programs</td>
<td>oral exam or term paper</td>
<td>7</td>
</tr>
<tr>
<td>Seminar in Literature Studies to be chosen from the offering of the master programs</td>
<td>oral exam or term paper</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module: German Linguistics</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Linguistics</td>
<td>protocol</td>
<td>4</td>
</tr>
<tr>
<td>Seminar in Linguistics to be chosen from the offering of the master programs</td>
<td>oral exam or term paper</td>
<td>7</td>
</tr>
<tr>
<td>Seminar in Linguistics to be chosen from the offering of the master programs</td>
<td>oral exam or term paper</td>
<td>7</td>
</tr>
</tbody>
</table>
4.9. Romance Studies

For Romance Studies students can register for one of the languages and cultures offered in the module, namely French, Spanish or Italian. The elective in Romance Studies offers a choice between Romance Linguistics (Alternative I) or Romance Literature Studies (Alternative II).

4.9.1. Romance Studies for students without skills in humanities

Romance Linguistics (Alternative I)

The advanced seminars in linguistics and regional studies are to be taken alternatively. The other seminars complete the elective (16 ECTS).

<table>
<thead>
<tr>
<th>Module: Lecture – Introduction to Linguistics and Media Studies of Romance Studies (without tutorial)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong></td>
</tr>
<tr>
<td>• Development, differentiation and present form of Romance languages</td>
</tr>
<tr>
<td>• Concepts, theories and methods of modern linguistics</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong></td>
</tr>
<tr>
<td>By the end of the module students know linguistic theories and methods and their application in the context of linguistics and media studies (such as text linguistics, analysis of conversations, analysis of media, language acquisition and multilingualism, sociolinguistics). Furthermore the students acquired basic knowledge prerequisite to take further courses of literature and/or media studies.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td><strong>Formal:</strong> -</td>
</tr>
<tr>
<td><strong>Recommended:</strong> -</td>
</tr>
<tr>
<td><strong>Courses</strong></td>
</tr>
<tr>
<td><strong>Course</strong></td>
</tr>
<tr>
<td>Lecture</td>
</tr>
<tr>
<td>ECTS in total</td>
</tr>
<tr>
<td><strong>Form of assessment</strong></td>
</tr>
<tr>
<td>Written exam (max. 90 min.)</td>
</tr>
<tr>
<td><strong>Lecturer/Perso in charge</strong></td>
</tr>
<tr>
<td>Prof. Dr. Eva Eckkrammer / Prof. Dr. Johannes Müller-Lancé</td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td>1 semester</td>
</tr>
<tr>
<td><strong>Offering</strong></td>
</tr>
<tr>
<td>Fall semester and Spring semester</td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td>German</td>
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<tr>
<td><strong>Grade</strong></td>
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<td>graded</td>
</tr>
<tr>
<td><strong>Range of application</strong></td>
</tr>
<tr>
<td>M.Sc. MMM</td>
</tr>
</tbody>
</table>
Module: Proseminar: Linguistics  
(Alternative: course related to cultural areas)

Contents:
- Deepening and application of theories and methods of linguistics and media studies
- Questions of Romance linguistics and media studies

Learning outcomes:
By the end of the module students broadened their knowledge of a specific field of linguistics such as text linguistics, sociolinguistics, analysis of conversations and language acquisition). They have a deeper knowledge of literature and media theories and are able to apply it. Students gained the ability to handle with specialized literature of linguistics and media studies.

Prerequisites:
Formal: Lecture *Introduction to Linguistics and Media Studies of Romance Studies*
Recommended: Fundamental knowledge of linguistic concepts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total 6

Form of assessment
Presentation and written exam (max. 90 min.) or term paper (the form of assessment depends on the lecturers)

Lecturer/Person in charge
Prof. Dr. Eva Eckkrammer / Prof. Dr. Johannes Müller-Lancé

Duration of module
1 semester

Offering
Fall semester and Spring semester

Language
German/ chosen Romance language

Grade
graded

Range of application
M.Sc. MMM
### Module: Proseminar (PS) related to cultural areas

**Alternative:** Advanced seminar: Literature and Media Studies

**Contents:**
Background studies and current cultural and social topics of the cultural area of the chosen Romance language

**Learning outcomes:**
By the end of the module students broadened and deepened their knowledge about the cultural area. Students broadened their intercultural competence.

**Prerequisites:**
**Formal:** Lecture *Introduction to Literature and Media Studies of Romance Studies* and/or lecture *Introduction to Linguistics and Media Studies of Romance Studies*

**Recommended:** Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total 6

**Form of assessment**
Written exam (max. 90 min.) or term paper, at least part of it in the chosen foreign language

**Lecturer/Person in charge**
French: Dr. Caroline Mary-Franssen / Italian: Alessandra Volpe / Spanish: Crisanta Bielsa

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
German/ chosen Romance language

**Grade**
graded

**Range of application**
M.Sc. MMM
**Module: Exercise class Practical Language Level II**

**Lerninhalte:**
- Reception and discussion of written and audio-visual texts focusing on cultural area and current topics
- Writing essays in the foreign language
- For further details: the comments of the respective courses in the ‘Studierendenportal’

**Learning outcomes:**
By the end of the module students have improved their foreign language competence. Furthermore students broadened their knowledge of the cultural area.

**Prerequisites:**
**Formal:** Foreign language competence I and II in the chosen Romance language or proof of adequate language competence through placement tests
**Recommended:** Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise Class</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

ECTS in total 3

**Form of assessment**
Written exam and exercises or oral exams throughout the semester

**Lecturer/Persin in charge**
French: Dr. Caroline Mary-Franssen / Italian: Alessandra Volpe / Spanish: Crisanta Bielsa

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
Chosen Romance language

**Grade**
graded

**Range of application**
M.Sc. MMM
Module: Exercise class Practical Language Level III (economics – economic alignment)

Contents:
- Reception and discussion of written and audio-visual texts focusing on economic and business topics
- Writing essays in the foreign language on business topics
- For further details: the comments of the respective courses in the ‘Studierendenportal’

Learning outcomes:
By the end of the module students have improved their foreign language competences. Furthermore, they gained a broaden vocabulary of the chosen language.

Prerequisites:
Formal: Foreign language competence I and II in the chosen Romance language or proof of adequate language competence through placement tests
Recommended: Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Form of assessment: Written exam and exercises or oral exams throughout the semester

Lecturer/Person in charge:
- French: Dr. Caroline Mary-Franssen
- Italian: Alessandra Volpe
- Spanish: Crisanta Bielsa

Duration of module: 1 semester

Offering: Fall semester and Spring semester

Language: Chosen Romance language

Grade: graded
Romance Literature Studies (Alternative II)

The proseminars literature studies and regional studies are to be taken alternatively. The other seminars complete the elective (16 ECTS).

<table>
<thead>
<tr>
<th>Module: Lecture – Introduction to Literature and Media Studies of Romance Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong></td>
</tr>
<tr>
<td>- Basic knowledge and techniques of literature studies</td>
</tr>
<tr>
<td>- Fundamental models of text analysis such as semiotics, communication theory and structuralism</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong></td>
</tr>
<tr>
<td>By the end of the module students are familiar with the terminology, concepts and models of analysis of literature and media studies. Students acquired a basic knowledge prerequisite to take further courses of literature and/or media studies.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong></td>
</tr>
<tr>
<td>Formal: -</td>
</tr>
<tr>
<td>Recommended: -</td>
</tr>
<tr>
<td><strong>Courses</strong></td>
</tr>
<tr>
<td>Lecture</td>
</tr>
<tr>
<td><strong>ECTS in total</strong></td>
</tr>
<tr>
<td><strong>Form of assessment</strong></td>
</tr>
<tr>
<td><strong>Lecturer/Person in charge</strong></td>
</tr>
<tr>
<td><strong>Duration of module</strong></td>
</tr>
<tr>
<td><strong>Offering</strong></td>
</tr>
<tr>
<td><strong>Language</strong></td>
</tr>
<tr>
<td><strong>Grade</strong></td>
</tr>
<tr>
<td><strong>Range of application</strong></td>
</tr>
</tbody>
</table>
Module: Proseminar: Literature Studies  
(Alternative: Course related to cultural areas)

**Contents:**
- Objects of investigation: literature and media text taken from the Romance studies
- Theory: various approaches to analyse these objects

**Learning outcomes:**
By the end of the module students gained expertise in literature and media studies. Students deepened their knowledge in literature and media theories and are able to apply it. Students are able to handle specialized literature of literature and media studies.

**Prerequisites:**

**Formal:** Lecture *Introduction to Literature and Media Studies of Romance Studies*

**Recommended:** Fundamental knowledge of literature and media studies

**Courses**

<table>
<thead>
<tr>
<th></th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total       6

**Form of assessment**
Presentation and written exam (max. 90 min.) or term paper (the form of assessment depends on the lecturers)

**Lecturer/Person in charge**
Prof. Dr. Claudia Gronemann / Prof. Dr. Cornelia Ruhe

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
German/ chosen Romance language

**Grade**
graded

**Range of application**
M.Sc. MMM
**Module: Proseminar (PS) related to cultural areas**

*(Alternative: Proseminar: Literature Studies)*

**Contents:**
Background studies and current cultural and social topics of the cultural area of the chosen Romance language.

**Learning outcomes:**
By the end of the module students broadened and deepened their knowledge about the cultural area. Students broadened their intercultural competence.

**Prerequisites:**
- **Formal:** Lecture *Introduction to Literature and Media Studies of Romance Studies* and/or lecture *Introduction to Linguistics and Media Studies of Romance Studies*
- **Recommended:** Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seminar</td>
<td>2</td>
<td>10</td>
</tr>
</tbody>
</table>

ECTS in total 6

**Form of assessment**
Presentation and written exam (max. 90 min.) *or* term paper (the form of assessment depends on the lecturers)

**Lecturer/P Person in charge**
French: Dr. Caroline Mary-Franssen / Iatlian: Alessandra Volpe / Spanish: Crisanta Bielsa

**Duration of module**
1 semester

**Offering**
Fall semester and Spring semester

**Language**
German/ chosen Romance language

**Grade**
graded

**Range of application**
M.Sc. MMM
### Module: Exercise class practical language level II

#### Contents:
- Reception and discussion of written and audio-visual texts focusing on cultural area and current topics
- Writing essays in the foreign language
- For further details: the comments of the respective courses in the ‘Studierendenportal’

#### Learning outcomes:
By the end of the module students improved their foreign language competence. Students furthermore broadened their knowledge of the cultural area.

#### Prerequisites:
**Formal:** Foreign language competence I and II in the chosen Romance language or proof of adequate language competence through placement tests

**Recommended:** Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

### Courses

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

**ECTS in total**: 3

#### Form of assessment
Written exams and oral exams or exercises throughout the semester

#### Lecturer/Person in charge
French: Dr. Caroline Mary-Franssen / Italian: Alessandra Volpe / Spanish: Crisanta Bielsa

#### Duration of module
1 semester

#### Offering
Fall semester and Spring semester

#### Language
Chosen Romance language

#### Grade
graded

#### Range of application
M.Sc. MMM
Module: Exercise class: Practical Language Level III (economics – economic alignment)

Contents:
- Reception and discussion of written and audio-visual texts focusing on economic and business topics
- Writing essays in the foreign language on business topics
- For further details: the comments of the respective courses in the ‘student portal’

Learning outcomes:
By the end of the module students improved their foreign language competence. Students broadened their vocabulary of the chosen language.

Prerequisites:
Formal: Foreign language competence I and II in the chosen Romance language or proof of adequate language competence through placement tests
Recommended: Knowledge of the chosen foreign language on a B2 level (Common European Framework of Reference for Languages CEFR)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise class</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

ECTS in total 3

Form of assessment
Written and oral exams or exercises throughout the semester

Lecturer/Person in charge
French: Dr. Caroline Mary-Franssen / Italian: Alessandra Volpe / Spanish: Crisanta Bielsa

Duration of module
1 semester

Offering
Fall semester and Spring semester

Language
Chosen Romance language

Grade
graded

Range of application
M.Sc. MMM
4.9.2. Romance Studies for students with skills in humanities

<table>
<thead>
<tr>
<th>Module: Romance Literature Studies</th>
<th>Course</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Theories of Culture and Modernism</td>
<td>exam</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>alternative:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminar Theories of Modernism and Modernization</td>
<td>written and/or oral exams</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Seminar to be chosen from the offerings of the master-program “Transformation of Culture in the Modernity: Literature and Media”</td>
<td>written and/or oral exams</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Exercise class Practical Language Level IV (economics – economic alignment)</td>
<td>written exam and written and/or oral exercises throughout the semester</td>
<td>4</td>
<td>16/18 ECTS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module: Romance Linguistics</th>
<th>Course</th>
<th>Form of assessment</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture Methods (Master program „Language and Communication“)</td>
<td>exam</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>alternative:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminar to be chosen from the offerings of the master-program “Language and Communication”</td>
<td>written and/or oral exams</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Seminar to be chosen from the offerings of the master-program “Language and Communication”</td>
<td>written and/or oral exams</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Exercise class Practical Language Level IV (economics – economic alignment)</td>
<td>written exam and written and/or oral exercises throughout the semester</td>
<td>4</td>
<td>15/18 ECTS</td>
</tr>
</tbody>
</table>
4.10. History

This elective is made of 16 to 19 ECTS.

4.10.1. History for students without skills in humanities

Students have to attend a proseminar (8 ECTS) and either a lecture and exercise class (4 ECTS each) offered in the Bachelor program “History” or lectures offered in the Master program “History”. Detailed information on courses can be found in the course catalog of the Master in History.

<table>
<thead>
<tr>
<th>Module: History</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contents:</strong> This module introduces to the classical Historical Method with its constituting elements heuristic, critical assessment of sources and interpretation. Furthermore, the module is extended by epoch and thematic-specific instruments of investigation, interdisciplinary theories and methods in different historical subject areas.</td>
</tr>
<tr>
<td><strong>Learning outcomes:</strong> To collect, analyse and interpret sources in respect to the state of the art and to adequately portray the results in presentations and written elaboration.</td>
</tr>
<tr>
<td><strong>Prerequisites:</strong> <strong>Formal and recommended:</strong> A successful attendance at a proseminar (PS) of history (PS Antiquity, PS Middle Ages, PS Early Modern Age, PS Modern Age, PS Economic and Social History). Additionally, there are different combination possibilities to reach the required 16 or 19 ECTS. However, it is not possible to receive necessary credits attending two exercise classes.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proseminar: Antiquity, Middle Ages, Early Modern Age, Modern Age, Economic and Social History</td>
<td>4</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>Lecture: Economic History, History of Law and/or Political Contemporary History taken from the master-program “History”</td>
<td>2</td>
<td>6-12</td>
<td>4-7</td>
</tr>
<tr>
<td>Lecture: Pre-enlightenment, times of change and/or Modern Age taken from the bachelor-program “History”</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Exercise class: Pre-enlightenment, times of change and/or Modern Age taken from the bachelor-program “History”</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td><strong>ECTS in total</strong></td>
<td><strong>16-19</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| Form of assessment | The exam of the module consists of component exams which need to be passed in the respective courses. |</p>
<table>
<thead>
<tr>
<th>Lecturer/Person in charge</th>
<th>Changing Lecturers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration of module</td>
<td>2-3 semester</td>
</tr>
<tr>
<td>Offering</td>
<td>Fall semester and Spring semester</td>
</tr>
<tr>
<td>Language</td>
<td>German</td>
</tr>
<tr>
<td>Grade</td>
<td>graded</td>
</tr>
<tr>
<td>Range of application</td>
<td>M.Sc. MMM, other Master programs</td>
</tr>
</tbody>
</table>
### 4.10.2. History for students with skills in humanities

<table>
<thead>
<tr>
<th>Module: History</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course</strong></td>
</tr>
<tr>
<td>Seminar in Antiquity, Middle Ages, Early Modern Period, Modern Period or Economic/Social History</td>
</tr>
<tr>
<td>Lecture in Economic History, History of Law and/or Political Contemporary History taken from the master-program “History”</td>
</tr>
<tr>
<td>Lecture in Pre-Modern Period, Pre-enlightenment, times of change and/or Modern Age taken from the bachelor-program “History”</td>
</tr>
<tr>
<td>Exercise class in Pre-Modern Period, Pre-enlightenment, times of change and/or Modern Age taken from the bachelor-program “History”</td>
</tr>
</tbody>
</table>
4.11. Philosophy

This module measures 16 ECTS. Students are free to choose one of the following two modules.

**Module: Ethics, Society, Economy**

**Contents:**
The two advanced seminars will treat selected topics, which relate to the philosophy of human cohabitation. Special emphasis is put on the philosophical discipline ethics/moral theory, on the philosophy of economic action (in particular of the overlapping field of these areas, Business Ethics), as well as on political philosophy.

**Learning Outcomes:**
The main goal is the acquisition and the extension of competencies for the differentiated analysis of and discussion about complex philosophical questions regarding social interactions of human beings.

**Prerequisites:**
**Formal:** -
**Recommended:** Basic philosophical knowledge in the disciplines ethics, political philosophy, social philosophy and neighboring fields are desirable, however they will not be required

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS: Ethics, Society, Economy</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>HS: Ethics, Society, Economy</td>
<td>2</td>
<td>14</td>
</tr>
</tbody>
</table>

ECTS in total: 16

**Form of assessment**
In every advanced seminar one written term paper (usually 20-25 pages)

**Lecturer/Person in charge**
Professors and doctoral assistants from the area Philosophy

**Duration of module**
1 - 2 semesters

**Offering**
At least one of the advanced seminars from this module will be offered in every semester

**Language**
German
(a few seminars can also be offered in English)

**Grade**
graded

**Range of application**
M.Sc. MMM, M.A. K&W (Philosophy)
Module: History of Philosophy

Contents:
The two advanced seminars will treat selected topics from the history of philosophy from the antiquity to the present with the help of important texts. Special emphasis is put in this connection on the philosophy of the modern age (16th – 18th century, Descartes to Kant) and on the Greek antiquity (in particular Plato and Aristotle), but it is possible that also other seminars on other important epochs of the history of philosophy up until the present will be offered.

Learning outcomes:
The main goal is the acquisition and the extension of advanced knowledge in the history of philosophy, as well as the acquisition of deeper insights to philosophical and historical correlations.

Prerequisites:
Formal:
Recommended: Basic knowledge of the history of philosophy, in particular in the philosophy of the antiquity and the early modern ages are desirable, however they will not be required

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS: History of Philosophy</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>HS: History of Philosophy</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>ECTS in total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Form of assessment
In every advanced seminar one written term paper (usually 20-25 pages)

Lecturer/Person in charge
Professors and doctoral assistants from the area Philosophy

Duration of module
1 - 2 semesters

Offering
At least one of the advanced seminars from this module will be offered in every semester

Language
German
(a few seminars can also be offered in English)

Grade
graded

Range of application
M.Sc. MMM, M.A. K&W (Philosophy)
4.12. Sociology

For students who started their studies in fall semester 2015 or later: The elective in Sociology offers a choice between the following two modules. It measures 19 ECTS. Students choose one of the following two modules. The module grade consists of the examination grades weighted by the number of ECTS credits. You find the Contents and the Learning Outcomes of each course in the module catalog of the B.A. Sociology (http://home.sowi.unimannheim.de/soziologie/ba_soziologie/dokumente/Modulkatalog%20BA%20Soz%20ab%20HWS%2015_VERÖFFENTLICHUNG.pdf). The courses usually are taught in German. If they are taught in English, the responsible lecturer will announce it on time.

4.12.1 Elective Sociology A: General and Specific Sociology

<table>
<thead>
<tr>
<th>Semester</th>
<th>Type of Course</th>
<th>Course</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. (fall semester) / 3. (fall semester)</td>
<td>lecture</td>
<td>Fundamentals of Sociology</td>
<td>6</td>
</tr>
<tr>
<td>1. (fall semester) / 3. (fall semester)</td>
<td>exercise class</td>
<td>Fundamentals of Sociology</td>
<td>4</td>
</tr>
<tr>
<td>2. (spring semester) / 4. (spring semester)</td>
<td>lecture</td>
<td>General Sociology</td>
<td>6</td>
</tr>
<tr>
<td>2. (spring semester) / 4. (spring semester)</td>
<td>exercise class</td>
<td>Specific Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

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4.12.2 Elective Sociology B: European Societies

<table>
<thead>
<tr>
<th>Semester</th>
<th>Type of Course</th>
<th>Course</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. (fall semester) / 3. (fall semester)</td>
<td>lecture</td>
<td>Social Structure in Germany in International Comparison</td>
<td>6</td>
</tr>
<tr>
<td>1. (fall semester) / 3. (fall semester)</td>
<td>exercise class</td>
<td>Social Structure in Germany in International Comparison</td>
<td>4</td>
</tr>
<tr>
<td>2. (spring semester) / 4. (spring semester)</td>
<td>lecture</td>
<td>Comparative European Societies</td>
<td>6</td>
</tr>
<tr>
<td>2. (spring semester) / 4. (spring semester)</td>
<td>exercise class</td>
<td>Current research topics</td>
<td>3</td>
</tr>
</tbody>
</table>

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Students who started their studies before fall semester 2015 have to choose between the following courses: http://sowi.unimannheim.de/soziologie/studierendeanderer_fakultaeten/M.Sc.%20Management/
4.13. Economics

In this elective module the students can collect up to 24 ECTS. Students are generally free to choose any elective course offered in the Master program of Economics. Detailed information on the courses and their respective prerequisites can be found under the following link: https://www.vwl.uni-mannheim.de/studium/masterstudium/course-catalog/. We recommend you to contact the Program Management of the Department of Economics for advice which courses to choose to complete your studies (Email: econgrad@uni-mannheim.de, Tel: 181-1763).


The elective Asian Studies consists of four modules that make up a total of 14 ECTS. The students have the option to choose between Chinese or Japanese. Depending on the chosen language, basic/advanced (business) language skills are taught and the students gain understanding about country specific knowledge. The focus of this elective is the improvement of communication and verbal skills in different contexts.

To get admitted for this elective, language skills at the level A2 of the respective language are required. There is a limited number of available places in this elective.

<table>
<thead>
<tr>
<th>Course</th>
<th>Semester</th>
<th>Language</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese I / Japanese I</td>
<td>HWS</td>
<td>Chinese or Japanese</td>
<td>4</td>
</tr>
<tr>
<td>Chinese II / Japanese II</td>
<td>FSS</td>
<td>Chinese or Japanese</td>
<td>4</td>
</tr>
<tr>
<td>China-Seminar / Japan-Seminar</td>
<td>HWS</td>
<td>German</td>
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<tr>
<td>Guest Lecture</td>
<td>FSS</td>
<td>English</td>
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<td>14</td>
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</tbody>
</table>


The language class Chinese consists of two consecutive modules. After completing these two courses the students will be able to achieve the B1 level of the “Common European Framework of Reference for Languages” (CEFR) and can take part in the HSK-Test (Hànyǔ Shuǐpíng Kǎoshi), which is the globally accepted Chinese language test.

Furthermore, the courses are meant to help to understand and get accustomed to the Chinese culture and way of life during a possible exchange semester in China, a future job in China or a future job in a company with business relations with China.
Module: Chinese I

Contents:
This course aims to improve the existing knowledge of the modern Chinese language regarding listening comprehension, speaking, reading, and writing. The focus is on the Chinese phonetic, characters and grammar.
- Acquiring proficient basic knowledge of the modern Chinese language
- Learning of the Chinese characters
- Ability to communicate in the daily live

Learning outcomes:
Based on the existing knowledge of the participants, the students will work on their written and verbal communication skills, in order to be able to interact with colleagues in their daily live and at work.

Prerequisites:
Formal: -
Recommended: Chinese language skills on A2 level

Obligatory registration: yes  Further information on registration: Portal2

Courses
<table>
<thead>
<tr>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture/Exercise class</td>
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</tr>
</tbody>
</table>

ECTS in total 4

Form of assessment Written and/or oral exam
Lecturer/Person in charge Didi Zhang
Duration of module 1 semester
Offering HWS
Language Chinese and German
Grade graded
Range of application M.Sc. MMM

Module: Chinese II

Contents:
Based on the module Chinese I the general knowledge of the modern Chinese language regarding listening comprehension, speaking, reading, and writing will be further improved. Depending on the level of language skills of the students the course aims to improve the business language skills, as for example needed for applications, interviews, negotiations, newspaper articles and analysis of economic issues.
Learning outcomes:
After successfully completing this module the students
- will have improved their listening comprehension, their verbal expression, their reading comprehension, and their writing skill,
- they will have extended their vocabulary,
- improved their overall language skills,
- reached the B1 level of the „Common European Framework of Reference for Languages“, and
- acquired Chinese business language skills

Prerequisites:
Formal:  
Recommended: Chinese language skills on A2-B1 level

Obligatory registration: yes  
Further information on registration: Portal2

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
</tr>
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ECTS in total

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<th>Form of assessment</th>
<th>Written and/or oral exam</th>
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<tbody>
<tr>
<td>Lecturer/Person in charge</td>
<td>Didi Zhang</td>
</tr>
<tr>
<td>Duration of module</td>
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</tr>
<tr>
<td>Offering</td>
<td>FSS</td>
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<tr>
<td>Language</td>
<td>Chinese and German</td>
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<tr>
<td>Grade</td>
<td>graded</td>
</tr>
<tr>
<td>Range of application</td>
<td>M.Sc. MMM</td>
</tr>
</tbody>
</table>

4.14.2. Japanese

The language class Japanese consists of two consecutive modules. After completing these two courses the students will be able to achieve the B1 level of the “Common European Framework of Reference for Languages” (CEFR) and can take part in the JLPT-Test (N4-N3), which is the globally accepted Japanese language test.

Furthermore, the courses are meant to help to understand and get accustomed to the Japanese culture and way of life during a possible exchange semester in Japan, a future job in Japan or a future job in a company with business relations with Japan.
Module: Japanese I

Contents:
The existing basic knowledge of modern Japanese language will be enhanced; listening comprehension, speaking, reading and writing skills will be improved. Japanese phonetics, writing and grammar are focused. There will be short presentations in Japanese.

- Deep understanding of grammar and vocabulary
- Basic knowledge of oral and written language
- Exercises for text production in different styles
- Enhancing verbal and non-verbal communication skills
- Improving Kanji-knowledge
- Studying and researching with PC / mobile devices:
  - exercise for input systems
  - online lexicons
  - pronunciation (playback, exercise)
  - search engines (google, wikipedia etc.)

Learning outcomes:
Based on their previous knowledge, the students work on their written and oral communication skills. The students are able to find and use subject-related information independently and to work with colleagues in everyday or professional situations.

The students will
- expand their vocabulary and acquire in-depth knowledge of Kanji,
- improve their listening comprehension for everyday situations,
- acquire knowledge about the Japanese honorific speech "Keigo" and be able to apply it practically,
- be able to use different IT tools,
- acquire the necessary skills for studying at a Japanese university

Prerequisites:
Formal: Japanese A2
Recommended: -

Obligatory registration: yes

Further Information on registration:
https://jump.bwl.uni-mannheim.de/home/
https://www.facebook.com/FSKJapanisch.Mannheim
“Student Portal”

Courses

<table>
<thead>
<tr>
<th>Exercise</th>
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<th>Self-study</th>
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

ECTS in total 4

Form of assessment Written exam (90 min.) and if necessary, housework, reports or essays

Preliminary course work -

Lecturer/Person in charge Ryoko Aoyagi

Duration of module 1 semester

Offering Fall semester

Language German / Japanese
Grade  graded
Range of application  M.Sc. MMM

Module: Japanese II

Contents:
The existing basic knowledge of modern Japanese language will be enhanced. Listening comprehension, speaking, reading and writing skills will be improved. Japanese phonetics, writing and grammar are focused. Students learn how to use Japanese in a business related way (depending on their language level), for example through text interpretation and analyses as well as text production. The lecture is complemented by videos.

There will be
- exercises for quick reading strategies,
- exercises for text comprehension,
- exercises for oral communication in various complex situations (assertion, respect for conversation partners, presentation etc.),
- exercises for text production in different styles,
- exercises of verbal and non-verbal communication,
- exercises to deepen the knowledge of Kanji,
- exercises for self-presentation and behavior in Japanese social network services (SNS),
- short presentations in Japanese

Learning outcomes:
Based on their previous knowledge, the students work on their written and oral communication skills. The students are able to find and use subject-related information independently and to work with colleagues in everyday or professional situations.

The students will
- expand their vocabulary and acquire in-depth knowledge of Kanji,
- improve their listening comprehension skills in complex situations,
- have an understanding of different registers,
- be able to use different IT tools,
- acquire the important literacies in “online-“ and “offline-situations”

Prerequisites:
Formal:  Japanese I
Recommended:  -

<table>
<thead>
<tr>
<th>Obligatory registration</th>
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<tbody>
<tr>
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<td><a href="https://jump.bwl.uni-mannheim.de/home">link</a> / <a href="https://www.facebook.com/FSKJapanisch.Mannheim">link</a> “Student Portal”</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercise</td>
<td>4</td>
</tr>
<tr>
<td>Self-study</td>
<td>4</td>
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</tbody>
</table>

ECTS in total  4

Form of assessment  Written exam (90 min.) and if necessary, housework, reports or essays
4.14.3. Asia-Seminar & Guest Lecture

Besides the language courses Chinese I and Chinese II or Japanese I and Japanese II, either a China-Seminar or a Japan-Seminar as well as a guest lecture with a guest professor from China, Japan, or another country are part of the elective Asia Studies.

Module: China Seminar – A brief Introduction to China and the Communication Techniques

Contents:
The course covers communication skills, negotiation strategies, and difficulties in business relations with Chinese, in order to lead to a better understanding of the Chinese culture. Additionally, the students will learn about the history and philosophy of China.

Learning outcomes:
With successfully completing this module the students
- get an overview over China and the Chinese culture,
- country specific and historical knowledge about China,
- communication techniques and negotiation strategies

Prerequisites:
Formal: -
Recommended: -

Obligatory registration: yes  Further information on registration: Portal2

Courses
Hours per week  Self-study
Lecture & Exercise class  2  4

ECTS in total  3

Form of assessment  Written and/or oral exam
Lecturer/Person in charge  Didi Zhang
Duration of module  1 semester
Offering  HWS
Language  German
Grade  graded
Module: Japan Seminar – Cultur and Society in Japan

Contents:
The lecturer will speak about the historical and social backgrounds of Japan as well as the current situation. Each topic will be prepared and presented by one participant or a group of participants (in German). The participants will discuss the topics in a global context.
Examples of topics (maybe as a gust lecture):
- Language (letters, grammar, phonetic, interpersonal relations and language)
- School system and governmental *Curriculum Guideline* after world war II
- Family and work
- Religion: Shintoismus from the past until today
- Habits at funerals and ideas about live and death

Learning outcomes:
With successfully completing this module the students
- got an overview over Japan and the society/culture of Japan
- acquired country specific and historical basic knowledge as “East-Asia” experts in Europe and/or the home country
- gained an understanding of Japan, in order to become „a source of information in Germany, Europe or the home country“ for Japan/East Asia
- gained a deep understanding of an „exotic“ cutlture and developed the ability and flexibility to understand the daily live in Japan and tolerate it as part of the reality in Japan

Prerequisites:
Formal: -
Recommended: -
Obligatory registration: yes
Further information on registration: Portal2

<table>
<thead>
<tr>
<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
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<tbody>
<tr>
<td>Lecture &amp; Exercise class</td>
<td>2</td>
<td>4</td>
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ECTS in total 3

Form of assessment Written and/or oral exam
Lecturer/Person in charge Ryoko Aoyagi
Duration of module 1 semester
Offering HWS
Language German
Grade graded
Range of application M.Sc. MMM
Modul: Guest Lecture

Contents:
The lecture will be held by a renowned, international guest professor from the area of Asian studies. Different areas in the business content will be approached, under considerations of the given business and research situations in Asia.

Please keep in mind that the focus of this module differs from semester to semester because the lectures are given by different professors.

Learning outcomes:
The students got an overview over the current Chinese and/or Japanese issues in the areas of business, politics, and international relations.

Prerequisites:
Formal: -
Recommended: -

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<th>Further information on registration: Portal2</th>
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<table>
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<th>Courses</th>
<th>Hours per week</th>
<th>Self-study</th>
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</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>4</td>
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</table>

ECTS in total 3

Form of assessment Written and/or oral exam
Lecturer/Person in charge Visiting professor
Duration of module 1 semester
Offering FSS
Language English
Grade graded
Range of application M.Sc. MMM
5. Master’s Thesis

Module: Master Thesis

Contents:
Students work independently on a research topic from the field of their specialized area. Students identify a relevant research problem, conduct a thorough review of relevant literature, and apply an appropriate methodological approach to develop a solution using academic methods.

Learning outcomes:
Students are able to identify a problem and independently come up with a solution using academic methods. In particular, students are capable to find, analyze, evaluate, select and integrate high-quality information using various sources. The students can structure and write a scientific research work and have an in-depth knowledge in their specialized area.

Prerequisites:
Formal: Prerequisites for every single chair are listed at the end of the Module Catalog

Recommended: -

<table>
<thead>
<tr>
<th>Obligatory registration: -</th>
<th>Further Information on the registration: Websites of the chairs</th>
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Courses
- - -

<table>
<thead>
<tr>
<th>Hours per week</th>
<th>Self-study</th>
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ECTS in total 24

Form of assessment Master Thesis (preparation time: 4 months)

Preliminary course work -

Lecturer/Person in charge Respective Supervisors

Duration of module 1 semester

Offering Spring & Fall Semester

Language German or English

Program-specific educational goals LG 5

Grade graded

Range of application M.Sc. MMM
This section gives an overview over the prerequisites for writing a Master’s Thesis at the Chairs of Business Administration.

5.1. Area „Accounting and Taxation“

<table>
<thead>
<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Holger Daske</td>
<td>ACC 761 (Acceptance of seminars from other chairs only in well-founded cases)</td>
</tr>
<tr>
<td>Prof. Dr. Jannis Bischof</td>
<td>ACC 7XX or TAX7XX or FIN7XX (Acceptance of seminars from other chairs only in well-founded cases)</td>
</tr>
<tr>
<td>Prof. Dr. Dirk Simons</td>
<td>ACC 711 (Acceptance of seminars from other chairs after consulting Prof. Dr. Simons)</td>
</tr>
<tr>
<td>Prof. Dr. Ulrich Schreiber / Prof. Dr. Christoph Spengel / Prof. Dr. Katharina Nicolay</td>
<td>TAX 730 (Acceptance of seminars from other chairs after consulting Prof. Dr. Ulrich Schreiber / Prof. Dr. Christoph Spengel)</td>
</tr>
<tr>
<td>Prof. Dr. Jens Wüstemann</td>
<td>ACC 713 (Acceptance of seminars from other chairs after consulting Prof. Dr. Jens Wüstemann)</td>
</tr>
<tr>
<td>Prof. Dr. Dieter Truxius</td>
<td>According to prior agreement</td>
</tr>
<tr>
<td>Jun.-Prof. Reeyarn Zhiyang Li</td>
<td>According to prior agreement</td>
</tr>
<tr>
<td></td>
<td>ACC 76X or FIN 70X or FIN 72X or FIN 74X</td>
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</table>

5.2. Area „Banking, Finance, and Insurance“

<table>
<thead>
<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Peter Albrecht</td>
<td>FIN 560 and FIN 760 or FIN 561 and FIN 760 or FIN 660 and FIN 760 As part of the participation at the coordinated master thesis allocation process of the Area Finance, seminar theses of the Area are being accepted.</td>
</tr>
<tr>
<td>Prof. Ernst Maug, Ph.D.</td>
<td>FIN 5XX and FIN 740 Other seminars offered in the Area “Banking, Finance, and Insurance” are accepted.</td>
</tr>
</tbody>
</table>
### Area „Banking, Finance, and Insurance“

<table>
<thead>
<tr>
<th>Professor</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Alexandra Niessen-Ruenzi</td>
<td>FIN5XX and FIN 720 or FIN5XX and FIN 740 or FIN5XX and FIN 760 or FIN5XX and FIN 780</td>
<td>Other seminars offered in the Area “Banking, Finance, and Insurance” are accepted.</td>
</tr>
<tr>
<td>Prof. Dr. Stefan Ruenzi</td>
<td>FIN 5XX and FIN 780</td>
<td>Other seminars offered in the Area “Banking, Finance, and Insurance” are accepted.</td>
</tr>
<tr>
<td>Prof. Dr. Eva Terberger</td>
<td>After consulting Prof. Terberger: FIN 7XX</td>
<td></td>
</tr>
<tr>
<td>Prof. Dr. Erik Theissen</td>
<td>FIN 5XX and FIN 703</td>
<td>Other seminars offered in the Area “Banking, Finance, and Insurance” are accepted.</td>
</tr>
<tr>
<td>Prof. Dr. Martin Weber</td>
<td>FIN 5XX and FIN 720</td>
<td>Other seminars offered in the Area “Banking, Finance, and Insurance” are accepted.</td>
</tr>
<tr>
<td>Prof. Dr. Sascha Steffen</td>
<td>FIN 5XX and FIN 7XX</td>
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#### 5.3. Area „Information Systems“

<table>
<thead>
<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
</table>
| Prof. Dr. Christian Becker / Prof. Dr. Armin Heinzl / Jun.-Prof. Dr. Julia Krönung / Prof. Dr. Hartmut Höhle | IS 7XX

Any one of the seminar modules IS 702, IS 712, IS 722, IS 742, IS 751 is accepted at any one of the IS chairs. However, it is recommended to write the Master thesis at the same chair at which the seminar module was taken. This allows for an early integration into the respective research and work projects of the chair.

Seminars from other areas may be accepted if the supervising professor confirms how it fits to the area of Information Systems.
### 5.4. Area „Management“

<table>
<thead>
<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Torsten Biemann</td>
<td>MAN 640 and MAN 741/742 or MAN 641 and MAN 741/742 or MAN 642 and MAN 741/742 or MAN 645 and MAN 741/742 or MAN 646 and MAN 741/742 or MAN 647 and MAN 741/742 or MAN 648 and MAN 741/742</td>
</tr>
<tr>
<td></td>
<td>Other seminars could be accepted in exceptional cases.</td>
</tr>
<tr>
<td>Prof. Dr. Matthias Brauer</td>
<td>MAN 650 and MAN 750 or MAN 651 and MAN 750 or MAN 652 and MAN 750 or MAN 653 and MAN 750 or MAN 654 and MAN 750 or MAN 655 and MAN 750 or MAN 656 and MAN 750 or MAN 657 and MAN 750</td>
</tr>
<tr>
<td>Prof. Dr. Bernd Helmig</td>
<td>MAN 611 and MAN 710/711/712 or MAN 613 and MAN 710/711/712 or MAN 617 and MAN 710/711/712 or MAN 619 and MAN 710/711/712 or MAN 672 and MAN 710/711/712 or MAN 674 and MAN 710/711/712 or MAN 675 and MAN 710/711/712 or MAN 676 and MAN 710/711/712 or MAN 679 and MAN 710/711/712 or MAN 680 and MAN 710/711/712</td>
</tr>
<tr>
<td>Prof. Dr. Karin Hoisl</td>
<td>MAN 690 and MAN 721 or MAN 691 and MAN 721 or MAN 692 and MAN 721 or MAN 693 and MAN 721 or MAN 658 and MAN 721</td>
</tr>
</tbody>
</table>
5.5. Area „Marketing and Sales“

<table>
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<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Michael Woywode</td>
<td>MAN 630 and MAN 770 or MAN 631 and MAN 770 or MAN 632 and MAN 770 or MAN 633 and MAN 770</td>
</tr>
<tr>
<td>Prof. Dr. Laura Marie Schons</td>
<td>MAN 761</td>
</tr>
</tbody>
</table>

5.6. Area „Operations Management“

<table>
<thead>
<tr>
<th>Chair</th>
<th>Prerequisites for the Master’s Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof. Dr. Dr. h.c. mult. Christian Homburg / Prof. Dr. Florian Kraus / Prof. Dr. Sabine Kuester / Prof. Dr. Florian Stahl / Jun.-Prof. Dr. Arnd Vomberg</td>
<td>Enrollment starting fall 2010: CC 503 and MKT 510 and MKT 520 and MKT 530/531 and MKT 7XX&lt;br&gt;Enrollment starting fall 2012: MKT 510 and MKT 520 and MKT 531/MKT 532/MKT 540/MKT 560/MKT 532 (MKT 614) and MKT 7XX&lt;br&gt;Enrollment starting fall 2013: Modules MKT 510 and MKT 520 and MKT 531/MKT 540/MKT 545/MKT 560/MKT 580 and MKT 7XX&lt;br&gt;Any one of the seminar modules MKT 710, MKT 720, MKT 730 and MKT 740 entitles students to write their Master thesis at any one of the Marketing departments. However, it is recommended to write the Master thesis at the same department at which the seminar module was taken. This allows for an early integration into the respective research and work projects at the department.</td>
</tr>
<tr>
<td>Prof. Dr. Christoph Bode / Prof. Dr. Moritz Fleischmann / Prof. Dr. Cornelia Schön / Prof. Dr. Raik Stolletz</td>
<td>At least one module OPM 6XX and OPM 701 or at least one module OPM 6XX and OPM 761 or at least one module OPM 6XX and OPM 781 or as least one module OPM 6XX and OPM 791 or as least one module OPM 6XX and OPM 792 or an equivalent module within an exchange program and OPM 701//761/781/791/792&lt;br&gt;The Area Operations Management recommends that the seminar and the Master’s Thesis are written at the same chair. However, seminars from another chair within the area are accepted.</td>
</tr>
</tbody>
</table>
5.7. Elective

The Master’s Thesis can be written in an elective if the thesis includes business-related aspects.