MODULHANDBUCH

Bachelor of Arts
Bachelor of Business Administration

180 ECTS

Distance Learning
Fachlicher Berater: Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Frey-Cordes

Klassifizierung: Undergraduate

www.iubh.de
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2020-12-01

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1. Semester
# Academic Integrity and Writing for Business

**Module Code:** DLBBAAIWB_E

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## Module Coordinator

Prof. Dr. Jessica Hastenteufel

## Contributing Courses to Module

- Academic Integrity and Writing for Business (DLBBAAIWB01_E)

## Module Exam Type

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## Weight of Module

see curriculum

## Module Contents

- Introduction to Academic Integrity
- Introduction to Academic Referencing
- Work with Academic Resources
- Fundamentals of Business Writing
- Developing Convincing Business Writing
- Examples for Compelling Business Writing
## Learning Outcomes

### Academic Integrity and Writing for Business

On successful completion, students will be able to

- understand the concept of academic integrity.
- use sources from other authors in an academically acceptable way.
- reference works of other authors correctly.
- avoid plagiarism.
- develop written communication in business appropriately.
- adequately address different corporate stakeholders.

## Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Academic Integrity and Writing for Business
Course Code: DLBBAAIWB01_E

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Information about the examination
Examination Admission Requirements
BOLK: yes
Course Evaluation: no
Type of Exam
Written Assessment: Written Assignment

Course Description
This course facilitates key aspects of academic integrity and provides students with the skills of appropriate business writing. Therefore, this course is contributing to students’ capacity to academic writing and research. Students will learn to handle academic sources developed by other authors. The issue of plagiarism will be prominently addressed. In addition, this course provides students with the skills to communicate with corporate stakeholders in writing. Students will learn how to adequately develop business communication in writing.

Course Outcomes
On successful completion, students will be able to

- understand the concept of academic integrity.
- use sources from other authors in an academically acceptable way.
- reference works of other authors correctly.
- avoid plagiarism.
- develop written communication in business appropriately.
- adequately address different corporate stakeholders.
Contents

1. Introduction to Academic Integrity
   1.1 Key Elements of Academic Integrity
   1.2 Plagiarism...
   1.3 How to avoid Plagiarism

2. Introduction to Academic Referencing
   2.1 Using Sources from other Authors in Academic Writing
   2.2 Citation and the List of Literature
   2.3 Referencing Styles

3. Work with Academic Resources
   3.1 How to employ Academic Data Bases
   3.2 Search in Data Bases
   3.3 Administration of Sources

4. Fundamentals of Business Writing
   4.1 Definition and Explanation of Business Writing
   4.2 Purpose of Business Writing
   4.3 Best Practices – Useful Hints on Business Writing

5. Developing Convincing Business Writing
   5.1 Considering the Recipient: What is the Target Group
   5.2 Considering the Objective: What do you want to achieve?
   5.3 Developing Your Written Communication

6. Examples for Compelling Business Writing
   6.1 Internal Communication to all staff via Email
   6.2 Warning Letter to an Employee
   6.3 Email to a Supplier in Delay
### Instructional Methods

- [☐] Course Book
- [☐] Interactive Book
- [☐] Vodcast/Shortcast
- [☐] Podcast
- [☐] Exam Template
- [☐] Review Book
- [☐] Sprint
- [☑] Guidelines
- [☑] Live Tutorials
- [☐] MyCampus Forum
- [☐] Piazza

### Literature

#### Further Reading
## Business 101

**Module Code:** DLBBAB_E

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**Module Coordinator**

Prof. Dr. Jessica Hastenteufel

**Contributing Courses to Module**

- Business 101 (DLBBAB01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Businesses and their environment
- Types of business organizations
- Management and structure of business
- Production of goods and services
- Management of material resources
- Management of labor
- Accounting in business
## Learning Outcomes

**Business 101**

On successful completion, students will be able to

- apply business and economic thinking and working methods.
- explain economic subjects and questioning models of business administration.
- classify and formulate corporate goals.
- describe and apply a general business decision-making process.
- recognize and design the organizational structure and process organization in the company.

## Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Business 101
Course Code: DLBBAB01_E

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Course Description
Business 101 deals with the basics of general business administration. It provides students with an understanding of the fundamental questions of doing business. In addition, basic organizational approaches of companies are shown. With the successful completion of the course, the students have gained fundamental knowledge in general business administration. This course lays the foundation for the advanced modules in the further course of their studies.

Course Outcomes
On successful completion, students will be able to
- apply business and economic thinking and working methods.
- explain economic subjects and questioning models of business administration.
- classify and formulate corporate goals.
- describe and apply a general business decision-making process.
- recognize and design the organizational structure and process organization in the company.
# Contents

1. Businesses and their environment  
   1.1 Concepts of business  
   1.2 A system of economic relationships  
   1.3 Business environment  

2. Types of business organizations  
   2.1 Companies in production and service  
   2.2 Divisions of companies  

3. Management and structure of business  
   3.1 Basics of Business Management  
   3.2 Functions of organizations, managers and control  
   3.3 The decision making process  
   3.4 Organizational structure of business  

4. Production of goods and services  
   4.1 Origin and development of the production process  
   4.2 Industrial strategy of business  

5. Management of material resources  
   5.1 Role of logistics in business  
   5.2 Goals and types of logistics  

6. Management of labor  
   6.1 Process of management of labor  
   6.2 Demand in labor  
   6.3 Human relations in organizations  

7. Accounting in business  
   7.1 Functions and goals of accounting  
   7.2 Spheres of accounting  
   7.3 Fundamental principles of accounting
Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

Literature

Further Reading
# Managerial Economics

**Module Code:** DLBBWME_E

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**Module Coordinator**

Prof. Dr. Marco de Pinto

**Contributing Courses to Module**

- Managerial Economics (DLBBWME01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Basics
- The Invisible Hand of the Market
- Consumer Decisions
- Business Decisions I: Full Competition
- Business Decisions II: Partial Competition
- Business Decisions III: Game Theory
- Advanced Microeconomics
Learning Outcomes
Managerial Economics
On successful completion, students will be able to
▪ understand basic economic interrelationships and apply them to different markets.
▪ explain the importance of supply, demand and market balance.
▪ assess the determinants of consumers' willingness to pay.
▪ discuss the determinants of production decisions and identify peak entrepreneurial strategies.
▪ assess the influence of different types of markets on production and price decisions.
▪ analyse strategic interactions between companies.
▪ critically question traditional economic models on the basis of findings from information and behavioural economics.

Links to other Modules within the Study Program
This module is similar to other modules in the field of Economics

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
Managerial Economics

Course Code: DLBBWME01_E

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**Course Description**

The source for (almost) all economic questions is the issue of scarcity. Building on this insight, this course considers three central elements. First, an analysis of the interplay between supply and demand on markets is made. Secondly, the course will consider the development of insights into the behaviour of consumers in markets. In a third part, the course will focus on entrepreneurial decisions that depend, among other things, on production technology available and competitive conditions in markets. These three core elements are taught from an application-oriented standpoint, in which references to (current) challenges of the management of companies are established. The course includes both the examination of economic theories and their application in business practice.
Course Outcomes
On successful completion, students will be able to
- understand basic economic interrelationships and apply them to different markets.
- explain the importance of supply, demand and market balance.
- assess the determinants of consumers’ willingness to pay.
- discuss the determinants of production decisions and identify peak entrepreneurial strategies.
- assess the influence of different types of markets on production and price decisions.
- analyse strategic interactions between companies.
- critically question traditional economic models on the basis of findings from information and behavioural economics.

Contents
1. Basics
   1.1 Definitions & Main Topics of Economics
   1.2 Thinking like an Economist
2. The Invisible Hand of the Market
   2.1 Supply and Demand
   2.2 Market Balance
   2.3 Flexibility
   2.4 Applications
3. Consumer Decisions
   3.1 Utility Theory
   3.2 Willingness to Pay
   3.3 Demand
   3.4 Applications
4. Business Decisions I: Full Competition
   4.1 Production
   4.2 Costs
   4.3 Supply
   4.4 Applications
5. Business Decisions II: Partial Competition
   5.1 Monopoly
   5.2 Monopolistic Competition
   5.3 Oligopoly
   6.1 Methodology
   6.2 Simultaneous Games
   6.3 Sequential Games

7. Advanced Microeconomics
   7.1 Information Economics
   7.2 Behavioural Economics

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
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Literature

Further Reading
Introduction to Academic Work

Module Code: DLBCSIAW

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**Module Coordinator**

Dr. Maya Stagge

**Contributing Courses to Module**

- Introduction to Academic Work (DLBCSIAW01)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Scientific Theoretical Foundations and Research Paradigms
- Application of Good Scientific Practice
- Methodology
- Librarianship: Structure, Use, and Literature Management
- Forms of Scientific Work at IUBH
Learning Outcomes

Introduction to Academic Work

On successful completion, students will be able to

▪ understand and apply formal criteria of a scientific work.
▪ distinguish basic research methods and identify criteria of good scientific practice.
▪ describe central scientific theoretical basics and research paradigms and their effects on scientific research results.
▪ use literature databases, literature administration programs, and other library structures properly; avoid plagiarism; and apply citation styles correctly.
▪ apply the evidence criteria to scientific texts.
▪ define a research topic and derive a structure for scientific texts.
▪ compile a list of literature, illustrations, tables, and abbreviations for scientific texts.
▪ understand and distinguish between the different forms of scientific work at IUBH.

Links to other Modules within the Study Program

This module is similar to other modules in the field of Methods

Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management field
Introduction to Academic Work
Course Code: DLBCSIAW01

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Course Description
The application of good scientific practice is one of the basic academic qualifications that should be acquired while studying. This course deals with the distinction between everyday knowledge and science. This requires a deeper understanding of the theory of science, as well as the knowledge of basic research methods and instruments for writing scientific texts. The students therefore gain initial insight into academic research and are introduced to the basic knowledge that will help them in the future to produce scientific papers. In addition, the students receive an overview of the different IUBH examination forms and insight into their requirements and implementation.
## Course Outcomes

On successful completion, students will be able to

- understand and apply formal criteria of a scientific work.
- distinguish basic research methods and identify criteria of good scientific practice.
- describe central scientific theoretical basics and research paradigms and their effects on scientific research results.
- use literature databases, literature administration programs, and other library structures properly; avoid plagiarism; and apply citation styles correctly.
- apply the evidence criteria to scientific texts.
- define a research topic and derive a structure for scientific texts.
- compile a list of literature, illustrations, tables, and abbreviations for scientific texts.
- understand and distinguish between the different forms of scientific work at IUBH.

## Contents

1. Theory of Science
   1.1 Introduction to Science and Research
   1.2 Research Paradigms
   1.3 Fundamental Research Decisions
   1.4 Effects of Scientific Paradigms on Research Design

2. Application of Good Scientific Practice
   2.1 Research Ethics
   2.2 Evidence Teaching
   2.3 Data Protection and Affidavit
   2.4 Orthography and Shape
   2.5 Identification and Delimitation of Topics
   2.6 Research Questions and Structure

3. Research Methods
   3.1 Empirical Research
   3.2 Literature and Reviews
   3.3 Quantitative Data Collection
   3.4 Qualitative Data Collection
   3.5 Mix of Methods
   3.6 Critique of Methods and Self-Reflection
4. Librarianship: Structure, Use, and Literature Management
   4.1 Plagiarism Prevention
   4.2 Database Research
   4.3 Literature Administration
   4.4 4.4 Citation and Author Guidelines
   4.5 4.5 Bibliography

5. Scientific Work at the IUBH – Research Essay

6. Scientific Work at the IUBH - Project Report

7. Scientific Work at the IUBH - Case Study

8. Scientific Work at the IUBH - Bachelor Thesis

9. Scientific Work at the IUBH – Oral Assignment

10. Scientific Work at the IUBH – Oral Project Report

11. Scientific Work at the IUBH - Colloquium

12. Scientific Work at the IUBH - Portfolio

13. Scientific Work at the IUBH - Exam

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
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Literature
Further Reading

## Principles of Management

**Module Code:** DLBBAPM_E

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### Module Coordinator

Prof. Dr. Jessica Hastenteufel

### Contributing Courses to Module

- Principles of Management (DLBBAPM01_E)

### Module Exam Type

- Module Exam
  - Case Study
- Split Exam

### Weight of Module

see curriculum

### Module Contents

- Management Functions
- Managerial Decision-Making
- Planning and Goal-Setting
- Strategic Planning
- Organizing
- Leading
- Controlling
Learning Outcomes

Principles of Management

On successful completion, students will be able to

▪ understand the functions, roles and influencing-factors of management.
▪ explain the decision-making process.
▪ discuss basic corporate and competitive strategies.
▪ analyze organizational structures and designs.
▪ transfer knowledge about basic principles of management to real-world cases.

Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields

www.iubh.de
**Principles of Management**

 Course Code: DLBBAPM01_E

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**Course Description**

In the fast-changing and complex environment of today’s business world the economic survival and success of an organization depends highly on its management. For future managers it is indispensable to be familiar with the fundamental principles of management as the basis for the development of further managerial knowledge and skills. This course introduces necessary functions, roles and skills for managers and their decision-making process. Furthermore, it discusses the basic managerial functions of planning, organizing, leading and controlling in detail.

**Course Outcomes**

On successful completion, students will be able to

- understand the functions, roles and influencing-factors of management.
- explain the decision-making process.
- discuss basic corporate and competitive strategies.
- analyze organizational structures and designs.
- transfer knowledge about basic principles of management to real-world cases.
## Contents

1. Introduction to Management
   1.1 Functions, Roles and Skills of Managers
   1.2 Influencing Factors on Managers’ Tasks
   1.3 History of Management

2. Managerial Decision-Making
   2.1 Decision-Making Process
   2.2 Approaches to Decision Making
   2.3 Types of Decisions and Decision-Making Conditions

3. Planning and Goal-Setting
   3.1 The Role of Planning
   3.2 Goals and Plans
   3.3 Setting Goals and Developing Plans

4. Strategic Planning
   4.1 Strategic Management
   4.2 The Strategic Management Process
   4.3 Corporate Strategies
   4.4 Competitive Strategies

5. Organizing
   5.1 Organizational Structures and Design
   5.2 Organizational Change
   5.3 Managing Change

6. Leading
   6.1 Interpersonal and Organizational Communication
   6.2 Organizational Behavior
   6.3 Leadership

7. Controlling
   7.1 The Control Process
   7.2 Tools for Measuring Organizational Performance
### Instructional Methods
- [☑] Course Book
- [☑] Interactive Book
- [☑] Vodcast/Shortcast
- [☑] Podcast
- [☐] Exam Template
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### Literature

#### Further Reading
### Global Corporations and Globalization

**Module Code:** DLBINTGUG_E

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**Module Coordinator**

Dr. Philippe Tufinkgi

**Contributing Courses to Module**

- Global Corporations and Globalization (DLBLOGC101_E)

**Module Exam Type**

- Module Exam
- Split Exam

**Weight of Module**

- see curriculum

**Module Contents**

- History and Development of Globalisation
- International Marketing
- International Operation
- International Personnel Management
- International Financing
- International Procurement and Distribution
### Learning Outcomes

**Global Corporations and Globalization**

On successful completion, students will be able to

- present the history of globalisation and identify and explain significant stages of development.
- identify and classify current trends in globalisation and localisation.
- recall basic knowledge in the fields of business administration, marketing and human resources management and extend it to meet the special requirements in internationally operating companies.
- explain offshoring and outsourcing and outline the opportunities and risks of these placements.
- explain the particularities of international procurement and distribution and develop resulting possibilities and limits.
- identify cultural differences and assess their significance for operating in international business.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Global Corporations and Globalization
Course Code: DLBLOGC101_E

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Type of Exam

Exam, 90 Minuten

Course Description

Students grasp the mechanisms that led to globalization and can classify current trends both towards globalization and, conversely, towards localization. Building on the basic knowledge that students have acquired in general business studies about the basic functions in a company, this course analyses and discusses the special requirements that a global engagement places on a company and its functions.
Course Outcomes
On successful completion, students will be able to

- present the history of globalisation and identify and explain significant stages of development.
- identify and classify current trends in globalisation and localisation.
- recall basic knowledge in the fields of business administration, marketing and human resources management and extend it to meet the special requirements in internationally operating companies.
- explain offshoring and outsourcing and outline the opportunities and risks of these placements.
- explain the particularities of international procurement and distribution and develop resulting possibilities and limits.
- identify cultural differences and assess their significance for operating in international business.

Contents
1. History and Development of Globalisation
   1.1 Globalization v1.0 according to Niall Ferguson
   1.2 History of Globalisation
   1.3 Influencing Factors of Economic and Cultural Globalization
   1.4 The Tension between Globalization and Localization
   1.5 Social Aspects of Globalisation and Corporate Responsibility

2. International Marketing
   2.1 International Consumer Behaviour
   2.2 Market Research
   2.3 Standardization and Adaptation
   2.4 International Branding
   2.5 Pricing Strategies
   2.6 International Marketing Communications

3. International Operation
   3.1 Offshoring and Outsourcing
   3.2 Global Production Networks
   3.3 Global Logistics
4. International Personnel Management
   4.1 Local and International Personnel Management
   4.2 Expatriate Management
   4.3 Localization of Personnel
   4.4 International Human Resources Development

5. International Financing
   5.1 Institutions in the International World of Finance
   5.2 International Financing and its Procedures

6. International Procurement
   6.1 Reasons and Strategies of Global Sourcing
   6.2 Risks of International Procurement
   6.3 International Distribution Policy

### Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

### Literature

#### Further Reading
2. Semester
Business Mathematics
Module Code: BWMA_E

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Module Coordinator
Prof. Dr. Marco de Pinto

Contributing Courses to Module
- Business Mathematics (BWMA01_E)

Module Exam Type
- Module Exam
  - Exam
- Split Exam

Weight of Module
see curriculum

Module Contents
- Basics of Analysis
- Functions
- Differential Calculus
- Multivariate Functions
- Sequences and Series
- Integral Calculus
## Learning Outcomes

**Business Mathematics**

On successful completion, students will be able to
- identify basic economic mathematical tools and methods, recall them if necessary and apply them to other economic problems.
- understand mathematical derivations in later modules.
- access their own analytical conclusions.
- recognize quantitative relationships independently.

## Links to other Modules within the Study Program

This module is similar to other modules in the field of Methods

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Business Mathematics  
Course Code: BWMA01_E

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Course Description  
Mathematics is one of the foundational courses in the field of Business Studies and provides access to quantitative methods across disciplines. These basics are required in a variety of other courses and modules, for example in the field of investment and finance theory, micro- and macroeconomics, logistics or marketing, to name some examples. Consequently, mastery in Business Mathematics is a prerequisite for business economists and political economists alike to gain access to more advanced content. Following this approach, this course in Business Mathematics focuses on the economic application of mathematical methods.

Course Outcomes  
On successful completion, students will be able to  
- identify basic economic mathematical tools and methods, recall them if necessary and apply them to other economic problems.  
- understand mathematical derivations in later modules.  
- access their own analytical conclusions.  
- recognize quantitative relationships independently.
## Contents

1. Basics of Analysis
   1.1 Arithmetic and Algebraic Basics
   1.2 Sums and Products
   1.3 Equations
   1.4 Inequalities

2. Functions
   2.1 Introduction
   2.2 Forms of Data Depiction
   2.3 Features of Functions
   2.4 Basic Function Types
   2.5 Selected Economic Applications

3. Differential Calculus I
   3.1 Difference and Differential Quotient
   3.2 Derivative Methods
   3.3 Higher Derivations
   3.4 Meaning of First and Second Derivation

4. Differential Calculus II: Applications
   4.1 Marginal Analysis
   4.2 Curve Sketching
   4.3 Cournot Point

5. Multivariate functions
   5.1 Linear and Non-Linear Multivariate Functions
   5.2 Partial Derivatives
   5.3 Determination of Extreme Values
   5.4 Determination of Extreme Values Subject to Constraint

6. Sequences and Series
   6.1 Arithmetic and Geometric Sequences
   6.2 Arithmetic and Geometric Sequences
   6.3 Financial Mathematical Applications

7. Integral Calculus
   7.1 Indefinite Integrals
   7.2 Definite Integrals
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☑ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
### Organizational Behavior

**Module Code: DLBBWOB_E**

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**Student Workload (in hours)**

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**Module Coordinator**

Prof. Dr. Regina Cordes

**Contributing Courses to Module**

- Organizational Behavior (DLBBWOB01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Relevance and Importance of Organizational Behavior
- Job Performance
- Commitment
- Organisational Mechanisms
- Group-Related Mechanisms
- Individual Mechanisms
- Individual Characteristics
### Learning Outcomes

**Organizational Behavior**

On successful completion, students will be able to

- establish commitment and performance as the critical dependent variables.
- explain organizational, group-related and individual mechanisms in Organizational Behavior and describe their relation to commitment and performance.
- explain the influence of individual characteristics on individual mechanisms (such as satisfaction, stress, motivation, trust and decision-making).

### Links to other Modules within the Study Program

This module is similar to other modules in the field of Human Resources

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Human Resources field
Organizational Behavior
Course Code: DLBBWOB01_E

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Type of Exam
Exam or Written Assessment: Case Study

Course Description

Many decisions are not made solely on the basis of financial or revenue-based considerations, but due to personal agendas, personal preferences or internal competition. This course consequently aims to provide an accessible, theory-driven comprehension of behaviour, interactions and conflicts in organisations. The course deals intensively with the psychological, sociological and anthropological foundations and dynamics in organizations. Starting from the two most critical behavioral variables in the work context, performance and commitment, units and settings that have a significant influence on them are discussed. In detail, organizational, group-related and individual mechanisms as well as individual characteristics are explored as explanatory objects. The course continues with a discussion on corporate culture and organisational structure within the framework of the organisational mechanisms. In the context of group-related mechanisms, the course aims to identify aspects of leadership styles, power structures, negotiation strategies, group dynamics and heterogeneity. Individual mechanisms include job satisfaction, stress, motivation, fairness, trust and decision-making. The individual characteristics (abilities and personality) in turn have an effect on these aforementioned elements.
Course Outcomes
On successful completion, students will be able to
- establish commitment and performance as the critical dependent variables.
- explain organizational, group-related and individual mechanisms in Organizational Behavior and describe their relation to commitment and performance.
- explain the influence of individual characteristics on individual mechanisms (such as satisfaction, stress, motivation, trust and decision-making).

Contents
1. Introduction to Organizational Behavior
   1.1 Attitudes and Behavior as Determinants of Performance and Commitment
   1.2 Organizational Mechanisms
   1.3 Group-related Mechanisms
   1.4 Individual Characteristics
   1.5 Individual Mechanisms

2. Target Figures: Performance and Commitment
   2.1 Performance
   2.2 Commitment

3. Organizational Mechanisms
   3.1 Corporate Structure
   3.2 Corporate Culture

4. Group-Related Mechanisms
   4.1 Management Styles
   4.2 Power Structures
   4.3 Negotiation Strategies
   4.4 Team Dynamics
   4.5 Diversity

5. Individual Characteristics
   5.1 Skill and Intellect
   5.2 Personality
6. Individual Mechanisms
   6.1 Job Satisfaction
   6.2 Stress
   6.3 Motivation
   6.4 Trust
   6.5 Integrity
   6.6 Learning and Decision-Making

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
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☑ Live Tutorials
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☐ Piazza

Literature

Further Reading
Management Accounting
Module Code: DLBMAE

Module Type: see curriculum
Admission Requirements: none
Study Level: BA

Credit Points: 5
Semester / Term: see curriculum
Duration: Regularly offered in WiSe/SoSe
Language of Instruction: Englisch

Student Workload (in hours)
Self Study: 100 h
Tutorial: 25 h
Self Test: 25 h
Hours Total: 150 h

Module Coordinator
Prof. Dr. Jessica Hastenteufel

Contributing Courses to Module
- Management Accounting (DLBMAE01)

Module Exam Type
Module Exam
Exam or Written Assessment: Written Assignment
Split Exam

Weight of Module
see curriculum

Module Contents
- Management accounting and control function
- Differences between management accounting, cost accounting, financial accounting, and financial management
- Cost terms, cost categories, and cost behavior
- Cost allocation
- General and specific cost allocation methods
- Break-even analysis
- Planning and budgeting
Learning Outcomes
Management Accounting
On successful completion, students will be able to
▪ articulate the management accounting and control function as opposed to the financial accounting and the financial management function.
▪ understand the cost structure and discuss the cost aspects of running a business.
▪ analyze and apply the tools for viewing and differentiating costs and utilize them to inform business decision-making.
▪ discuss how the budgeting process works and how variance analysis is done to implement the management control function.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Finance & Tax Accounting

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
Management Accounting
Course Code: DLBMAE01

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**Course Description**
Management accounting in general and specifically cost accounting are important functions to control an organization. Managers have to understand these functions in order to be able to run an organization efficiently. In most organizations, decisions, actions and human behavior are directly linked to the nature, use and focus of management accounting information. This course is about understanding the preparation and use of management and cost accounting information in this light. Cost accounting as a central part of the management accounting informs the management about the profitability of its core business. The cost and performance measurement serves the internal decision, control and budgeting process.
Course Outcomes
On successful completion, students will be able to

▪ articulate the management accounting and control function as opposed to the financial accounting and the financial management function.
▪ understand the cost structure and discuss the cost aspects of running a business.
▪ analyze and apply the tools for viewing and differentiating costs and utilize them to inform business decision-making.
▪ discuss how the budgeting process works and how variance analysis is done to implement the management control function.

Contents
1. Introduction to Management Accounting
   1.1 What is Management Accounting?
   1.2 Management Accounting and the Control Function
   1.3 Differences Between Management Accounting, Cost Accounting, Financial Accounting, and Financial Management
   1.4 Organization of the Management Accounting and Control Function

2. The Conceptualization of Cost
   2.1 Definition of Costs
   2.2 Cost Behavior: Fixed Versus Variable Costs
   2.3 Cost Behavior: Direct Versus Indirect Costs

3. Cost-Volume-Profit Analysis
   3.1 Linear Cost Functions
   3.2 Break-Even Analysis
   3.3 Operating Leverage
   3.4 Margin of Safety

4. Simplistic Methods of Cost Allocation
   4.1 The Need for Cost Allocation
   4.2 Predetermined Overhead Rate
   4.3 Departmental Overhead rate

5. Overhead Analysis Sheet
   5.1 Departmental Cost Allocation
   5.2 Reciprocal Method
   5.3 Step Method
6. Activity-Based Costing
   6.1 The Rationale of ABC
   6.2 Activities in the Business Process
   6.3 Implementing ABC

7. Relevant Cost Concepts
   7.1 Replacement of Equipment
   7.2 Make or Buy Decisions
   7.3 Special Order
   7.4 Drop Product Line

8. Planning and Budgeting
   8.1 The Budgeting Process
   8.2 Budgeted Income Statement
   8.3 Budgeted Cash Flow Statement
   8.4 Conflicts and Pitfalls in Budgeting

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
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Literature

Further Reading
# Supply Chain Management I

**Module Code:** DLBDSESCM1

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**Module Coordinator**

Prof. Dr. Tobias Specker

**Contributing Courses to Module**

- Supply Chain Management I (DLBDSESCM01)

**Module Exam Type**

- Module Exam
- Split Exam

**Weight of Module**

see curriculum

**Module Contents**

- Historical and terminological aspects of the SCM concept
- Motives for the creation of cross-company value creation networks
- Design principles and effects of value creation networks
- Logistical core processes and SCM
- Information technology aspects of the SCM concept
- Coordination and collaboration of the network partners
- Industry-specific solutions of the SCM
## Learning Outcomes

### Supply Chain Management I

On successful completion, students will be able to

- explain the importance of cross-company value creation processes.
- understand common concepts for modeling cross-company value creation processes.
- understand dynamic effects in supply chains and can systematize their causes and effects.
- explain important theoretical concepts for describing the characteristics and challenges of cross-company value creation processes.
- explain the approaches and problem categories commonly used in the context of supply chain management.
- understand important reference and/or management models for the concretization of supply chain systems.
- name and detail important roles and tasks in the SCM network.
- deal with the coordination problem of SCM and describe the common solution approaches.

## Links to other Modules within the Study Program

This module is similar to other modules in the fields of Transportation & Logistics

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Transport & Logistics fields
### Supply Chain Management I

**Course Code:** DLBDSESCM01

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**Type of Exam**

Module Exam

**Course Description**

SCM proves to be an extremely multi-faceted construct from both a theoretical and a practical point of view. An adequate understanding of the problem dimensions and modes of action of (global) cross-company value creation networks requires a multidimensional approach. It starts by considering logistical processes, with modern process, flow, and network standards forming an important basis for SCM. On the basis of such an approach, students should gain a fundamental understanding of SCM. From the point of view of a holistic approach, it also makes sense to also examine a number of other typical problem areas in addition to the logistical challenges of this concept. This includes IT aspects of SCM (e.g., APS systems), and questions to do with the collaboration and coordination of network partners. This course also considers selected industry specific SCM solutions (ECR or VMI).
Course Outcomes
On successful completion, students will be able to
▪ explain the importance of cross-company value creation processes.
▪ understand common concepts for modeling cross-company value creation processes.
▪ understand dynamic effects in supply chains and can systematize their causes and effects.
▪ explain important theoretical concepts for describing the characteristics and challenges of cross-company value creation processes.
▪ explain the approaches and problem categories commonly used in the context of supply chain management.
▪ understand important reference and/or management models for the concretization of supply chain systems.
▪ name and detail important roles and tasks in the SCM network.
▪ deal with the coordination problem of SCM and describe the common solution approaches.

Contents
1. Fundamentals of the Supply Chain Concept
   1.1 Terminological and Conceptual Fundamentals
   1.2 Supply Chain Typology According to Otto
   1.3 Supply Chain Typology According to Bechtel/Jayaram
   1.4 Dynamic Aspects of Supply Chains

2. Selected Theoretical Concepts for the Supply Chain Concept
   2.1 New Institutional Economics
   2.2 Game Theory
   2.3 Network Approach
   2.4 Other Theoretical Additions

3. Supply Chain Management
   3.1 Basic Information on the Goals and Scope of SCM
   3.2 Popular Problem Areas of the SCM
   3.3 Supply Chain Management as an Evolutionary Step in Logistics
   3.4 Supply Chain Management as Cooperation Management

4. SCM Model
   4.1 Basic Information on the Term SCM Models
   4.2 SCOR Model
   4.3 SCM Task Model
5. SCM as a Coordination Problem

5.1 Basic Information on the Concept of Coordination
5.2 Coordination Concepts, Context, and Perspectives of SCM
5.3 Coordination Instruments

Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

Literature

Further Reading
International Marketing
Module Code: DLBDSEIMB1

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Module Coordinator
Caterina Fox

Contributing Courses to Module
- International Marketing (DLBDSEIMB01)

Module Exam Type

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Weight of Module
see curriculum

Module Contents
- International marketing strategy
- Cultural differences and their significance for marketing
- International marketing mix (product, price, promotion, and distribution decisions in an international environment)
- International market research and consumer behavior
- Ethical aspects in international marketing
- International marketing controlling and six sigma
## Learning Outcomes

**International Marketing**

On successful completion, students will be able to

- understand basic aspects of international strategic marketing.
- analyze cultural differences and their impact on international marketing.
- apply selected concepts of the international marketing mix.
- describe the possibilities of international market research and its influence on consumer behavior.
- recognize the necessity of international brand controlling and quality management.
- reproduce theoretical knowledge using case studies.

## Links to other Modules within the Study Program

This module is similar to other modules in the fields of Marketing & Sales

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Marketing & Communication fields
### International Marketing

**Course Code:** DLBDSEIMB01

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### Course Description

The aim of this course is to deepen the knowledge acquired in the courses Marketing I and Marketing II. Students are taught the necessity for strategic marketing in an international context. They will learn about essential cultural differences and their influences on international marketing management. The basic decisions, standardizations, and adaptations in international marketing are experienced by the students on the basis of different concepts in the international marketing mix. The necessity of international market research, strategic planning, and control are taught to the students, along with the ethical aspects in international marketing. The students analyze current topics in international marketing management and reflect on them in connection with the concepts they have learned in this course.
**Course Outcomes**

On successful completion, students will be able to

- understand basic aspects of international strategic marketing.
- analyze cultural differences and their impact on international marketing.
- apply selected concepts of the international marketing mix.
- describe the possibilities of international market research and its influence on consumer behavior.
- recognize the necessity of international brand controlling and quality management.
- reproduce theoretical knowledge using case studies.

**Contents**

1. Strategic International Marketing
   1.1 Internationalization
   1.2 Theoretical Foundations of International Market Entry Strategies
   1.3 Forms of International Market Entry

2. Cultural Differences as an Aspect of International Marketing
   2.1 Overview of Culture
   2.2 Cultural Model Based on Hofstede
   2.3 Cultural Model Based on Trompenaars

3. Case Studies in International Market Entry and Marketing Strategies
   3.1 Case Study: Nivea in South Korea
   3.2 Case Study: Bosch and Siemens Hausgeräte GmbH in China
   3.3 Case Study: Siemens Mobile in China
   3.4 Case Study: Siemens in China

4. International Product Management and Product Development
   4.1 Goals of International Product Management
   4.2 Framework Conditions for International Product Management
   4.3 International Product Decisions
   4.4 International Product Development

5. Exchange Rate Fluctuations and International Price Calculation
   5.1 Tasks and Objectives of International Price Management
   5.2 Factors Influencing International Price Management
   5.3 Instruments of International Price Management
6. International Communication and International Sales Policy
   6.1 International Communication Management
   6.2 International Sales Management

7. International Marketing and Ethics
   7.1 Overview of International Marketing and Ethics
   7.2 Business Ethics in International Companies
   7.3 Case Study: Nestlé

8. Applied Market Research and Its Influence on Consumer Behavior
   8.1 Scope of International Market Research
   8.2 Requirements for International Market Research Information
   8.3 International Secondary Research
   8.4 International Primary Research

9. Monitoring and Control in International Marketing
   9.1 Controlling in International Management

10. Six Sigma, Brand Management, and Rebranding
    10.1 Six Sigma: Basics, Definitions, and Processes
    10.2 Brand Management
    10.3 Rebranding

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature
Further Reading

### Statistics: Probability and Descriptive Statistics

**Module Code:** DLBDSSPDS

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**Module Coordinator**

Dr. Stefan Stöckl

**Contributing Courses to Module**

- Statistics: Probability and Descriptive Statistics (DLBDSSPDS01)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Probability
- Random variables
- Joint distributions
- Expectation and variance
- Inequalities and limit theorems
# Learning Outcomes

**Statistics: Probability and Descriptive Statistics**

On successful completion, students will be able to:

- define probability, random variable, and probability distribution.
- understand the concept of Bayesian statistics.
- grasp the definition of joint and marginal distributions.
- calculate expectation values and higher moments.
- comprehend important inequality equations and limit theorems.

## Links to other Modules within the Study Program

This module is similar to other modules in the field of Methods

## Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Statistics: Probability and Descriptive Statistics

Course Code: DLBDSSPD01

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Course Description

Statistical description and analysis are the foundations for data-driven analysis and prediction methods. This course introduces the fundamentals, beginning with a formal definition of probabilities and introduction to the concepts underlying Bayesian statistics. Random variables and probability density distributions are then discussed, as well as the concept of joint and marginal distributions. The importance of various discrete and continuous distributions and their applications is stressed. Characterizing distributions is an important aspect of describing the behavior of probability distributions. Students are familiarized with expectation values, variance, and covariance. The concepts of algebraic and central moments and moment-generating functions complement the characterization of probability distributions. Finally, this course focuses on important inequalities and limit theorems such as the law of large numbers or the central limit theorem.
**Course Outcomes**

On successful completion, students will be able to

- define probability, random variable, and probability distribution.
- understand the concept of Bayesian statistics.
- grasp the definition of joint and marginal distributions.
- calculate expectation values and higher moments.
- comprehend important inequality equations and limit theorems.

**Contents**

1. Probability
   - 1.1 Definitions
   - 1.2 Independent events
   - 1.3 Conditional probability
   - 1.4 Bayesian statistics

2. Random Variables
   - 2.1 Random Variables
   - 2.2 Distribution functions and probability mass functions
   - 2.3 Important discrete probability distributions
   - 2.4 Important continuous probability distributions

3. Joint Distributions
   - 3.1 Joint distributions
   - 3.2 Marginal distributions
   - 3.3 Independent random variables
   - 3.4 Conditional distributions

4. Expectation and Variance
   - 4.1 Expectation of a random variable, conditional expectations
   - 4.2 Variance and covariance
   - 4.3 Expectations and variances of important probability distributions
   - 4.4 Algebraic and central moments
   - 4.5 Moment-generating functions

5. Inequalities and Limit Theorems
   - 5.1 Probability inequalities
   - 5.2 Inequalities for expectations
   - 5.3 The law of large numbers
   - 5.4 Central limit theorem
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
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☐ Piazza

Literature

Further Reading
3. Semester
# Corporate Finance and Investment

**Module Code:** DLBCFIE

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**Module Coordinator**

Dr. Jessica Hastenteufel

**Contributing Courses to Module**

- Corporate Finance and Investment (DLBCFIE01)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Introduction to Corporate Finance
- Ownership and Corporate Governance
- Understanding Financial Statements and Key Performance Indicators
- Basic Concepts of Financial Theory
- Long-term Financing Decisions
- Short-term Financing Decisions
- Capital Budgeting and Financial Modeling
- Investment Rules and Decision Methods
Learning Outcomes

Corporate Finance and Investment

On successful completion, students will be able to

- recognize the targets and scope of corporate finance and the role of financial markets.
- understand agency-problems in corporations and how incentives and institutional and market mechanisms are used to mitigate agency costs.
- interpret financial statements and key performance indicators and draw conclusions about financing alternatives and potentials of a corporation.
- consider the time value of money and calculate the cost of capital used to discount future project cash flow streams.
- implement a long-term financing strategy and structure for corporations based on an appropriate mix of equity, debt, leasing, and hybrid financial instruments.
- effectively utilize cash management and working capital management to reduce short-term financing needs and costs.
- prepare investment decisions, estimate expected project cash flows and incorporate cash flow related risks into the decision process.
- apply investment decision methodologies to evaluate and select beneficial corporate investment projects.

Links to other Modules within the Study Program

This module is similar to other modules in the fields of Finance & Tax Accounting

Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
### Corporate Finance and Investment

**Course Code:** DLBCFIE01

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<td>Written Assessment: Written Assignment</td>
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Course Description
This course introduces students to the targets and scope of corporate finance and the role of financial markets. The separation of ownership and control is a constituent feature of corporations; we explore the resulting agency problems and the mechanisms available to mitigate the costs of such agency relationships. Students will be introduced to fundamentals of theory and practice regarding principles of modern corporate finance. They will learn to read and analyze financial statements from a financing point of view and develop a detailed understanding of concepts such as the time value of money, interest rates, and cost of capital. Equipped with this basic knowledge, equity and debt financing will then be discussed at length. The financial leverage effect on rates of return will be explored and leasing and hybrid financial instruments as an alternative to pure equity and debt financing are presented. Students will understand how corporations apply short-term measures of financing and how effective cash and working capital management is used to reduce short-term financing needs and costs. This course will conclude with a discussion on the investment processes of corporations with a particular focus on the challenge of estimating expected cash flows. Students will understand how to use financial modelling and incorporate risk in the decision process and be able to analyse applied investment rules and methodologies.

Course Outcomes
On successful completion, students will be able to

- recognize the targets and scope of corporate finance and the role of financial markets.
- understand agency-problems in corporations and how incentives and institutional and market mechanisms are used to mitigate agency costs.
- interpret financial statements and key performance indicators and draw conclusions about financing alternatives and potentials of a corporation.
- consider the time value of money and calculate the cost of capital used to discount future project cash flow streams.
- implement a long-term financing strategy and structure for corporations based on an appropriate mix of equity, debt, leasing, and hybrid financial instruments.
- effectively utilize cash management and working capital management to reduce short-term financing needs and costs.
- prepare investment decisions, estimate expected project cash flows and incorporate cash flow related risks into the decision process.
- apply investment decision methodologies to evaluate and select beneficial corporate investment projects.

Contents
1. Introduction to Corporate Finance
   1.1 The Targets and Scope of Corporate Finance
   1.2 The Role of the Financial Manager
   1.3 The Financial Market Environment
2. Ownership and Corporate Governance
   2.1 The Four Legal Types of Firms
   2.2 Agency Relations and Agency Problems in Corporations
   2.3 Institutional Investors, Incentives, and Market Control Mechanisms

3. Understanding Financial Statements and Key Performance Indicators
   3.1 Balance Sheets
   3.2 Income Statements
   3.3 Cash Flow Statements
   3.4 Measuring Performance: Key Performance Indicators

4. Basic Concepts of Financial Theory
   4.1 Time Value of Money and Cash Flow Streams
   4.2 Interest Rates: Determinants and Quotes
   4.3 Estimating the Cost of Capital

5. Long-Term Financing Decisions
   5.1 Equity Capital
   5.2 Debt Financing
   5.3 Leasing and Hybrid Financial Instruments
   5.4 Financial Leverage and Capital Structure

6. Short-Term Financing Decisions
   6.1 Cash Budgets and Short-Term Financial Plans
   6.2 Treasury and Cash Management
   6.3 Working Capital Management

7. Capital Budgeting and Financial Modeling
   7.1 Capital Budgeting and Investments
   7.3 Incorporating Risk in Capital Budgeting Decisions

8. Investment Rules and Decision Methods
   8.1 Accounting Rate of Return
   8.2 Payback Period Method
   8.3 Net Present Value
   8.4 Internal Rate of Return
   8.5 Profitability Index
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
Entrepreneurship and Innovation
Module Code: DLBBAEI_E

Module Type: see curriculum
Admission Requirements: none
Study Level: BA
Credit Points: 5
Semester / Term: see curriculum
Duration: Regularly offered in WiSe/SoSe
Language of Instruction: Englisch

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Module Coordinator
Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Cordes

Contributing Courses to Module
- Entrepreneurship and Innovation (DLBBAEI01_E)

Module Exam Type
Module Exam
Exam or Written Assessment: Written Assignment

Weight of Module
see curriculum

Module Contents
- Entrepreneurship
- The Entrepreneur
- The Entrepreneurial Process
- Innovation
- Planning, Business Models and Strategy
### Learning Outcomes

**Entrepreneurship and Innovation**

On successful completion, students will be able to

- understand the core principles of entrepreneurship.
- define the main characteristics of entrepreneurs as well as their motivations and their behavior.
- describe the entrepreneurial process with its different stages.
- recognize problems and negative side effects of entrepreneurship.
- define innovation and explain the innovation lifecycle.
- understand a business plan and what defines a business model.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Business and Management fields
Entrepreneurship and Innovation  
Course Code: DLBBAEI01_E

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Information about the examination

Examination Admission Requirements | BOLK: yes  
Course Evaluation: no

Type of Exam
Exam or Written Assessment: Written Assignment

Course Description
Entrepreneurship and innovation are the basis and one of the driving forces of every economy. Entrepreneurship and innovation are of great importance in every phase of the economic development cycle. They are important drivers for competition, competitiveness and survival in globalized markets. In this module, students are familiarized with the ideas, motives and concepts of entrepreneurship. They also get an overview of the identification, evaluation and further development of innovations.
Course Outcomes
On successful completion, students will be able to
- understand the core principles of entrepreneurship.
- define the main characteristics of entrepreneurs as well as their motivations and their behavior.
- describe the entrepreneurial process with its different stages.
- recognize problems and negative side effects of entrepreneurship.
- define innovation and explain the innovation lifecycle.
- understand a business plan and what defines a business model.

Contents
1. Entrepreneurship
   1.1 Defining Entrepreneurship
   1.2 Benefits of Entrepreneurial Activity
   1.3 Types of Entrepreneurs
   1.4 Global Trends in Entrepreneurship

2. The Entrepreneur
   2.1 Defining Entrepreneur
   2.2 Characteristics of Entrepreneurs
   2.3 Entrepreneurial Motivation and Behavior

3. The Entrepreneurial Process
   3.1 Stages of the Entrepreneurial Process
   3.2 Venture Creation
   3.3 Creativity Management and Time Pressure

4. Innovation
   4.1 Defining Innovation
   4.2 Innovation Lifecycle
   4.3 Sources of Innovation
   4.4 Encouraging Entrepreneurship and Innovation

5. Planning, Business Models and Strategy
   5.1 Business Plan
   5.2 Designing a Business Model
   5.3 Developing a Business Strategy
### Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ☐ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

### Literature

#### Further Reading
International HR Management
Module Code: DLBINTIHR_E

Module Type: see curriculum
Admission Requirements: none
Study Level: BA

Credit Points: 5
Semester / Term: see curriculum
Duration: Regularly offered in WiSe/SoSe
Language of Instruction: Englisch

Student Workload (in hours)
Self Study: 110 h
Tutorial: 20 h
Self Test: 20 h
Hours Total: 150 h

Module Coordinator
Prof. Dr. Regina Frey Cordes

Contributing Courses to Module
▪ International HR Management (DLBINTIHR01_E)

Module Exam Type
Module Exam
Exam or Written Assessment: Case Study
Split Exam

Weight of Module
see curriculum

Module Contents
▪ Cultural Concept and Approaches Towards Cultural Understanding
▪ Comparative Human Resources
▪ International Personnel Deployment
▪ International Assignments and Host Country Essentials
▪ Development of International Managers
▪ Application of International HRM Models to Selected Regions of the World
Learning Outcomes
International HR Management
On successful completion, students will be able to
▪ understand and identify the challenges of human resource management in multinational companies.
▪ take into account cultural particularities in personnel management in different countries and to apply these to transnational mergers and acquisitions.
▪ name opportunities and risks as well as factors for success in the assignment of expatriates and to identify optimization factors.
▪ identify elements for developing transnationally qualified managers.
▪ identify specific risks and opportunities in international personnel deployment with regard to selected regions.

Links to other Modules within the Study Program
This module is similar to other modules in the field of Human Resources

Links to other Study Programs of IUBH
All Bachelor Programmes in the Human Resources field
International HR Management
Course Code: DLBINTIHR01_E

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Course Description
The aim is to provide a bird's eye view of special features, opportunities, risks and challenges in both country-specific and cross-national human resources management. To this end, the concept of culture will be discussed and different ways of looking at culture will be debated. On this basis, the course tackles country-specific personnel management with its respective peculiarities. This is followed by a discussion on the transnational personnel management of Multinational Corporations (MNCs). Building on this, the topics of international staff deployment, secondments and the influence of host countries on the management process of MNCs and their foreign subsidiaries will be addressed. A discussion on special features of human resources management in cross-border mergers and acquisitions rounds up this part of the course. In a second thematic approach, the course looks at the requirements for the development of transnational managers in MNCs and discusses measures such as secondment and ongoing training. Finally, the introduced models and concepts will be applied to two example regions in Asia (Japan/Taiwan and China/Vietnam) and the USA.
Course Outcomes
On successful completion, students will be able to
- understand and identify the challenges of human resource management in multinational companies.
- take into account cultural particularities in personnel management in different countries and to apply these to transnational mergers and acquisitions.
- name opportunities and risks as well as factors for success in the assignment of expatriates and to identify optimization factors.
- identify elements for developing transnationally qualified managers.
- identify specific risks and opportunities in international personnel deployment with regard to selected regions.

Contents
1. Culture and Intercultural Perspectives
   1.1 Positivist View
   1.2 Interpretative View
   1.3 Critical View

2. Comparative Human Resources
   2.1 Globalisation and its Effects on Human Resources Management
   2.2 Contextual Effects
   2.3 Requirements

3. Multinational Companies and International HR Models
   3.1 Challenges in Multinational Corporations
   3.2 Resolution Methods
   3.3 International HR Models

4. International Personnel Deployment
   4.1 International Personnel Planning
   4.2 Reasons for Deployments and Job Rotation
   4.3 Selection of Expatriates
   4.4 Success Determinants

5. International Missions and Host Countries
   5.1 Variance in Environmental Variables
   5.2 Host Country Effects for Multinational Corporations
   5.3 HRM in Cross-Border Mergers and Acquisitions
   5.4 Integration
6. Development of International Managers
   6.1 Personnel Development in an International Context
   6.2 Preparation, Support and Reintegration of Expatriates

7. Application in Sample Markets
   7.1 Asia: Japan and Taiwan
   7.2 Asia: China and Vietnam
   7.3 USA
   7.4 European Countries

Instructional Methods
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☑ Interactive Book
☑ Vodcast/Shortcast
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☐ Review Book
☐ Sprint
☑ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature
Further Reading

# Service Operations Management

**Module Code:** DLMSM

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**Module Coordinator**
Caterina Fox

**Contributing Courses to Module**
- Service Operations Management (DLMSM01)

**Module Exam Type**
- **Module Exam**
  - Written Assessment: Written Assignment
- **Split Exam**

**Weight of Module**
- see curriculum

**Module Contents**
- The characteristics of service operations management
- Process strategy
- Service design decisions
- Forecasting
- Capacity management
- Facilities management
- Improvement
- Supply chains in services
- Customer experience
Learning Outcomes
Service Operations Management
On successful completion, students will be able to
▪ create efficient service production delivery systems.
▪ forecast and use capacity, resource, and supply chain management strategies.
▪ transform service inputs into service outputs effectively.
▪ understand various service operations subsystems and tools.
▪ use process, quality, and project management concepts.
▪ develop an operations strategy.
▪ design a service to optimum customer satisfaction level.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Business Administration & Management

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
Service Operations Management  
Course Code: DLMSM01

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<td>The goal of service operations management is to create and improve service processes to achieve increases in productivity and quality. These strategies are applicable across a wide variety of industries and departments. Managers must understand how service companies create efficient service production and delivery systems while adhering to customer expectations. Proper operations management uses various interdependent tools and subsystems to increase efficiency, effectiveness, and productivity at the lowest possible cost. Forecasting, capacity management, resource management, supply chain management, process management, quality management, and project management strategies are used interchangeably by effective managers to design and implement a service to optimum customer satisfaction levels.</td>
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Course Outcomes
On successful completion, students will be able to
▪ create efficient service production delivery systems.
▪ forecast and use capacity, resource, and supply chain management strategies.
▪ transform service inputs into service outputs effectively.
▪ understand various service operations subsystems and tools.
▪ use process, quality, and project management concepts.
▪ develop an operations strategy.
▪ design a service to optimum customer satisfaction level.

Contents
1. The Characteristics of Service Operations Management
   1.1 The Values of Operations Management
   1.2 Operations Strategy
   1.3 Strategic Fit
   1.4 Operational Views
   1.5 Competitive Priorities
2. Process Strategy
   2.1 Process Structure
   2.2 Process Decisions
   2.3 Process Analysis
   2.4 Theory of Constraint
   2.5 Process Documentation and Improvement
3. Service Design Decisions
   3.1 Customer Expectation Extraction
   3.2 Designing and Delivering Services
   3.3 Job Design and Work Organization
   3.4 Organizational Integration
4. Forecasting
   4.1 Demand Management
   4.2 Forecasting Decisions
   4.3 Forecasting Methodologies
   4.4 The Forecasting Process
   4.5 Forecasting Error
5. Capacity Management
   5.1 Capacity Planning
   5.2 Resource Planning and Scheduling
   5.3 Customer Management
   5.4 Revenue Management

6. Facilities Management
   6.1 Front and Back Office Facilities Management
   6.2 Facility Location Models
   6.3 Designing the Servicescape
   6.4 Ergonomics and Productivity
   6.5 Information Systems and Networks

7. Improvement
   7.1 Total Quality Management
   7.2 Operational Improvement
   7.3 Continuous Improvement
   7.4 System Failure, Prevention, and Recovery
   7.5 Complaint Management

8. Supply Chains in Services
   8.1 Supply Chain Design
   8.2 Performance Metrics
   8.3 Integration
   8.4 Supply Chain Risks
   8.5 Sustainability

9. Customer Experience
   9.1 Competitive Advantage
   9.2 Delivery Metrics
   9.3 Communication
   9.4 Success Parameters
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
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Literature

Further Reading
# Collaborative Work

**Module Code:** DLBCSCW

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**Module Coordinator**
Prof. Dr. Karin Halbritter

**Contributing Courses to Module**
- Collaborative Work (DLBCSCW01)

**Module Exam Type**

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**Weight of Module**
see curriculum

**Module Contents**
- Self-Directed and Collaborative Learning
- Networking and Cooperation
- Performance in (Virtual) Teams
- Communication, Arguments, and Being Convincing
- Potentials for Conflict and Managing Conflicts
- Self-Management and Personal Skills
### Learning Outcomes: Collaborative Work

On successful completion, students will be able to:

- design their own self-directed and collaborative learning processes with analog and digital media.
- initiate local and virtual cooperation and select suitable methods for shaping cooperation.
- assess different forms of communication in relation to the goals and requirements of different situations and reflect one's own communication and argumentation behavior.
- explain potentials for conflict and the role of emotions in conflicts and describe the use of systemic methods in the target- and solution-oriented handling of conflicts.
- form an idea of one's own resources, present methods of self-management and self-motivation, and derive appropriate strategies.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management.

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Collaborative Work
Course Code: DLBCSCW01

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Course Description
The course supports the students in building up and expanding important interdisciplinary competences for our networked world, and in doing so, students can take advantage of the opportunities for constructive cooperation with others. It presents essential forms and design possibilities of collaborative learning and working, imparts basic knowledge and tools for self-managed, flexible, and creative thinking, learning and acting and familiarizes students with the topics of empathy and emotional intelligence. Students are also encouraged to use the course contents. In this way, they promote their autonomous competence to act and their competence in the interactive application of tools and in interacting in heterogeneous groups.
Course Outcomes
On successful completion, students will be able to

▪ design their own self-directed and collaborative learning processes with analog and digital media.
▪ initiate local and virtual cooperation and select suitable methods for shaping cooperation.
▪ assess different forms of communication in relation to the goals and requirements of different situations and reflect one's own communication and argumentation behaviour.
▪ explain potentials for conflict and the role of emotions in conflicts and describe the use of systemic methods in the target- and solution-oriented handling of conflicts.
▪ form an idea of one's own resources, present methods of self-management and self-motivation, and derive appropriate strategies.

Contents
1. Learning for a Networked World in a Networked World
   1.1 Requirements and Opportunities of the VUCA World
   1.2 Learning, Information, and Dealing with Knowledge and Ignorance
   1.3 C-Model: Collective – Collaborative – Continuous – Connected
   1.4 Checking Your Own Learning Behaviour
2. Networking and Cooperation
   2.1 Finding and Winning Suitable Cooperation Partners
   2.2 Sustainable Relationships: Digital Interaction and Building Trust
   2.3 Collaboration: Organizing Locally and Virtually and Using Media
   2.4 Social Learning: Agile, Collaborative, and Mobile Planning of Learning Processes
3. Performance in (Virtual) Teams
   3.1 Goals, Roles, Organization and Performance Measurement
   3.2 Team Building and Team Flow
   3.3 Scrum as a Framework for Agile Project Management
   3.4 Design Thinking, Kanban, Planning Poker, Working-in-Progress-Limits & Co
4. Communicate and Convince
   4.1 Communication as Social Interaction
   4.2 Language, Images, Metaphors, and Stories
   4.3 It's the Attitude that Counts: Open, Empathetic, and Appreciative Communication
   4.4 Listen Actively - Argue - Convince - Motivate
   4.5 Analyze Your Own Conversational and Argumentational Skills
5. Recognize Conflict Potentials - Handle Conflicts - Negotiate Effectively
   5.1 Respecting Diversity - Seizing Opportunities
   5.2 Developing Empathy for Yourself and Others
   5.3 Systemic Work Solutions and Reframing
   5.4 Negotiate Constructively: Finding Clear Words - Interests Instead of Positions

6. Realize Your Own Projects
   6.1 Set Goals Effectively - Focus - Reflect
   6.2 The Agile Use of One’s Own Time
   6.3 (Self-)Coaching and Inner Team
   6.4 Strategies and Methods for Self-Management and Self-Motivation

7. Mobilize Your Resources
   7.1 Recognizing Resources - Regulating Emotions
   7.2 Reflection and Innovation - Lateral Thinking and Creativity
   7.3 Transfer Strength and Willpower: Analyzing and Controlling Condition Factors

   8.1 Communicate, Cooperate, Negotiate, Argue
   8.2 Think, Reflect, Develop Ideas, Decide, Lead Yourself

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
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Literature
Further Reading

# Intercultural Decision-Making

**Module Code:** DLBCSIDM

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**Module Coordinator**

Prof. Dr. Jürgen Seeler

**Contributing Courses to Module**

- Intercultural Decision-Making (DLBCSIDM01)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Basics of Intercultural Competence
- Cultural Concepts
- Culture and Ethics
- Implications of Current Ethical Problems in the Area of Interculturality, Ethics, and Diversity
- Intercultural Learning and Working
- Case Studies for Cultural and Ethical Conflicts
Learning Outcomes
Intercultural Decision-Making
On successful completion, students will be able to
▪ explain the most important terms in the areas of interculturality, diversity, and ethics.
▪ distinguish different explanatory patterns of culture.
▪ understand culture at different levels.
▪ plan processes of intercultural learning and working.
▪ understand the interdependencies of culture and ethics.
▪ independently work on a case study on intercultural competence.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Business Administration & Management

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
## Intercultural Decision-Making

Course Code: DLBCSIDM01

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### Course Description

In this course, students acquire the necessary knowledge to understand intercultural competencies and current developments in the fields of diversity and ethics. Students will understand how to systematically plan and implement learning processes for the development of competences important in these areas. First, important terms are clarified and differentiated from each other, and cultural aspects are explained from different perspectives. In addition, students learn that cultural issues are relevant at different levels, for example, within a state, company, or other group. In this context, students also recognize the connection between ethics and culture with different interdependencies. On the basis of this knowledge, students are then familiarized with the different possibilities and potentials of intercultural and ethical learning and working. Practical cases are used to illustrate the importance of the relationships learned for today's work context in many companies. The students then work on a case study in which the acquired knowledge is systematically applied.
Course Outcomes
On successful completion, students will be able to

▪ explain the most important terms in the areas of interculturality, diversity, and ethics.
▪ distinguish different explanatory patterns of culture.
▪ understand culture at different levels.
▪ plan processes of intercultural learning and working.
▪ understand the interdependencies of culture and ethics.
▪ independently work on a case study on intercultural competence.

Contents
1. Basics of Intercultural and Ethical Competence to Act
   1.1 Subject Areas, Terms, and Definitions
   1.2 Relevance of Intercultural and Ethical Action
   1.3 Intercultural Action - Diversity, Globalization, Ethics

2. Cultural Concepts
   2.1 Hofstede’s Cultural Dimensions
   2.2 Culture Differentiation According to Hall
   2.3 Locus of Control Concept to Rotter

3. Culture and Ethics
   3.1 Ethics - Basic Terms and Concepts
   3.2 Interdependence of Culture and Ethics
   3.3 Ethical Concepts in Different Regions of the World

4. Current Topics in the Area of Interculturality, Ethics, and Diversity
   4.1 Digital Ethics
   4.2 Equality and Equal Opportunities
   4.3 Social Diversity

5. Intercultural Learning and Working
   5.1 Acculturation
   5.2 Learning and Working in Intercultural Groups
   5.3 Strategies for Dealing with Cultural Conflicts

6. Case Studies for Cultural and Ethical Conflicts
   6.1 Case Study: Interculturality
   6.2 Case Study: Diversity
   6.3 Case Study: Interculturality and Ethics
Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

Literature

Further Reading
4. Semester
# Digital Business Models

**Module Code:** DLBLODB_E

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**Module Coordinator**

Prof. Dr. Andreas Kaiser

**Contributing Courses to Module**

- Digital Business Models (DLBLODB01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Meaning, origin and definition of the term “digital business model”
- Basic concepts for the description of business models
- Tools for the description of business models
- Patterns of digital business models
- Digital business models and business plans
### Learning Outcomes

**Digital Business Models**

On successful completion, students will be able to

- understand what a business model is and how to describe it systematically.
- outline the basic features of the historical development of business models.
- describe key digital business models and evaluate their advantages and disadvantages.
- establish the relationship between a business model and a business plan to independently derive and analyse the positioning of a company.

### Links to other Modules within the Study Program

This module is similar to other modules in the Business Administration and Management fields

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Digital Business Models

Course Code: DLBL0DB01_E

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**Course Description**

A business model contains the depiction of the logic of how a company generates, delivers and secures value. The progressing digitalization of many processes, products and services has made possible a large number of innovations in the area of business models in recent years. The subject of this course rounds up the presentation, the underlying patterns and the main factors that influence these digital business models. Starting from a general definition of the concept of a business model, a system is developed to describe the essential factors of a business model. An overview of the historical development of important business models and in particular the influence of digitization on newer business models allows a classification of the concept and an understanding of the framework. Then the most important alternative digital business models of recent years are systematically presented, analyzed and evaluated with regard to their respective strengths and weaknesses. Finally, the role of business models in the creation process of a business plan is described. Students learn the central approaches to developing an independent corporate positioning and are enabled to examine and evaluate the central factors influencing corporate success in digital business.
Course Outcomes
On successful completion, students will be able to
- understand what a business model is and how to describe it systematically.
- outline the basic features of the historical development of business models.
- describe key digital business models and evaluate their advantages and disadvantages.
- establish the relationship between a business model and a business plan to independently derive and analyse the positioning of a company.

Contents
1. Meaning, Origin and Definition of the Term “Digital Business Model
   1.1 Goals and Functions of Digital Business Models
   1.2 Business Model - Origin of the Term and its Meaning in the Digital Economy
   1.3 Definition of the terms Business Model and Digital Business Model
   1.4 Differentiation from Other Terminologies of the Digital Economy
2. Basic Concepts for the Description of Business Models
   2.1 Value Chain
   2.2 Value Chains
   2.3 Dominant Logic
   2.4 Revenue Model
   2.5 Unique Selling Proposition
   2.6 Transaction
   2.7 Product or Service Range
3. Tools for the Description of Business Models
   3.1 Business Model Canvas
   3.2 St. Gallen Business Model Navigator
   3.3 DVC Framework
4. Patterns of Digital Business Models
   4.1 Long Tail
   4.2 Multi-Sided Pattern
   4.3 Free and Freemium
   4.4 OPEN API Pattern
5. Digital Business Models and Business Plans
   5.1 Integration of the Business Model into the Business Plan
   5.2 Company Positioning and the Digital Business Model
   5.3 Digital Business Models as Innovation Drivers for the Development of New Businesses
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### Further Reading
### Sustainability
**Module Code:** DLBBAS_E

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**Module Coordinator**
Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Cordes

**Contributing Courses to Module**
- Sustainability (DLBBAS01_E)

**Module Exam Type**
**Module Exam**
Exam or Written Assessment: Written Assignment

**Weight of Module**
see curriculum

**Module Contents**
- Fundamentals of Sustainability
- Levels of Sustainability
- Frameworks for Sustainability
- Technical Aspects of Sustainability
- Sustainability Reporting
- Examples of Corporate Sustainability Management Programs
### Learning Outcomes

**Sustainability**

On successful completion, students will be able to

- understand the concept sustainability.
- contextualize sustainability in ethical and economical terms.
- explain international frameworks of sustainability.
- understand the technical implications of sustainability.
- develop corporate reporting along the triple bottom line.
- critically analyze sustainability management examples from professional practice.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Quality & Sustainability Management

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Transport & Logistics fields
Sustainability
Course Code: DLBBAS01_E

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Type of Exam
Exam or Written Assessment: Written Assignment

Course Description
This course gives students insights into sustainability. It presents fundamentals and definitions and explains the ethical and economic context of sustainability, the various levels of its occurrence and relevant international frameworks. Furthermore, students will familiarize themselves with product development, product life cycle planning and triple bottom line reporting from a sustainability viewpoint. Real life cases of corporate sustainability programs provide insights into different examples from professional practice, thus linking theory and practice.

Course Outcomes
On successful completion, students will be able to
- understand the concept sustainability.
- contextualize sustainability in ethical and economical terms.
- explain international frameworks of sustainability.
- understand the technical implications of sustainability.
- develop corporate reporting along the triple bottom line.
- critically analyze sustainability management examples from professional practice.
## Contents

1. Fundamentals of Sustainability
   1.1 Introduction and Definition
   1.2 Sustainability in the Context of Ethics
   1.3 Sustainability in the Context of Business: Corporate Social Responsibility

2. Levels of Sustainability
   2.1 Societal Level
   2.2 Corporate Level
   2.3 Individual Level

3. Frameworks for Sustainability
   3.1 Sustainable Development Goals
   3.2 ISO 14001 and ISO 26000
   3.3 Industry Standards on Sustainability

4. Technical Aspects of Sustainability
   4.1 Research and Product Development
   4.2 Product Life Cycle
   4.3 Life Cycle Assessment

5. Sustainability Reporting
   5.1 Global Reporting Initiative
   5.2 Key Aspects of Triple Bottom Line Reporting
   5.3 Challenges of Triple Bottom Line Reporting

6. Examples of Corporate Sustainability Management Programs
   6.1 Case 1
   6.2 Case 2
   6.3 Case 3
### Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
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### Literature

#### Further Reading
## International Accounting

**Module Code:** DLFIAC_E

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### Module Coordinator

Prof. Dr. Gerhard Sälzer

### Contributing Courses to Module

- International Accounting (DLFIAC01_E)

### Module Exam Type

- Module Exam
- Split Exam

### Weight of Module

see curriculum

### Module Contents

- Differences between HGB and IFRS
- Accounting philosophy of the IFRS
- Basic rules and individual standards of IFRS
- Components of IFRS financial statements
- Individual versus consolidated financial statements of IFRS
- First-time adoption of IFRS & transition from national accounting standards to IFRS
- IFRS financial statements of small and medium enterprises
Learning Outcomes

International Accounting
On successful completion, students will be able to

- understand basic IFRS principles, put IFRS principles in an international context and compare them to national accounting standards (HGB).
- understand accounting and valuation principles of IFRS.
- treat data in balance sheets in accordance with IFRS standards.
- know and prepare components of the IFRS annual financial statements.
- group accounting principles according to IFRS principles.
- know and master the specifics and requirements for the initial preparation of IFRS financial statements or conversion to IFRS.
- prepare and analyze IFRS financial statements independently.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Finance & Tax Accounting

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
International Accounting
Course Code: DLFIAC01_E

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Course Description
The course "International Accounting" deals with accounting in accordance with International Financial Reporting Standards (IFRS). It is intended to provide basic knowledge of international accounting of companies, especially in comparison to accounting consistent with the German Commercial Code (HGB). The focus is on IFRS and not US GAAP as an international standard because the former is becoming increasingly important for German companies (i.e. obligation of listed parent companies to prepare consolidated financial statements in accordance with IFRS from the years 2005 or 2007 onwards). The course builds on the contents of the course "Accounting and Reporting" and requires knowledge of the corresponding contents.
Course Outcomes

On successful completion, students will be able to

▪ understand basic IFRS principles, put IFRS principles in an international context and compare them to national accounting standards (HGB).
▪ understand accounting and valuation principles of IFRS.
▪ treat data in balance sheets in accordance with IFRS standards.
▪ know and prepare components of the IFRS annual financial statements.
▪ group accounting principles according to IFRS principles.
▪ know and master the specifics and requirements for the initial preparation of IFRS financial statements or conversion to IFRS.
▪ prepare and analyze IFRS financial statements independently.

Contents

1. Development and Significance of International Accounting
   1.1 The History of Book Keeping
   1.2 Necessity for International Accounting
   1.3 The Development History of IFRS

2. General Principles of IFRS
   2.1 Structure of IFRS Rules and Regulations
   2.2 Framework and Overall Objectives
   2.3 Basic Principles of the Framework Approach
   2.4 Overview of Individual Standards and Interpretations

3. Accounting and Valuation Regulations for the IFRS Financial Statements
   3.1 Definitions and Delimitation of Terms
   3.2 Recognition of Intangible Assets and Property
   3.3 Measurement of Inventories and Financial Instruments
   3.4 Provisions and Deferred Taxes
   3.5 Profit Realisation

4. Preparation of the Balance Sheet and Income Statement for IFRS
   4.1 Structure and Elements of the Balance Sheet
   4.2 Components of Profit and Loss Account
   4.3 Identification Requirements

5. Cash Flow Statement and Other Disclosures in Financial Statements for IFRS
   5.1 Cash Flow Statement in IFRS Financial Statements
   5.2 Statement of Changes in Equity According to IFRS
   5.3 Notes According to IFRS
6. Consolidated Financial Statements for IFRS
   6.1 Basis of Preparation of Consolidated Financial Statements
   6.2 Adjustment of Financial Statements Eligible for Consolidation
   6.3 Consolidation of Individual Financial Statements

7. Other IFRS Application Areas from Practice
   7.1 IFRS for Small and Medium-Sized Companies
   7.2 Central Differences between IFRS and HGB
   7.3 Conversion from HGB to IFRS

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
# Research Methods

**Module Code:** DLBBARM_E

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**Module Coordinator**

Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Cordes

**Contributing Courses to Module**

- Research Methods (DLBBARM01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- Introduction to Research
- General Research Strategies
- Data Generation
- Data Analysis
- Quality Criteria for Research
- Writing Techniques
Learning Outcomes

Research Methods
On successful completion, students will be able to

▪ understand the concept sustainability.
▪ contextualize sustainability in ethical and economic terms.
▪ explain international frameworks of sustainability.
▪ understand the technical implications of sustainability.
▪ develop corporate reporting along the triple bottom line.
▪ critically analyze sustainability management examples from professional practice.

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Research Methods
Course Code: DLBBARM01_E

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Course Description
Students will be knowledgeable in fundamental techniques of academic writing and working. The course addresses all relevant aspects of academic research in general and the techniques to develop an academic paper in particular. It explains the nature of science and research and differentiates qualitative from quantitative research methods. The procedures of data generation and data analysis will be described. Furthermore, students learn to critically analyze research methodology along certain quality criteria. The course also familiarizes students with the use of online library services and the identification of relevant literature. Academic integrity and, more specifically, the avoidance of plagiarism is prominently addressed as well.
Course Outcomes

On successful completion, students will be able to

- understand the concept sustainability.
- contextualize sustainability in ethical and economic terms.
- explain international frameworks of sustainability.
- understand the technical implications of sustainability.
- develop corporate reporting along the triple bottom line.
- critically analyze sustainability management examples from professional practice.

Contents

1. Introduction to Research
   1.1 The Nature of Science
   1.2 What is reality?
   1.3 Research Paradigms

2. General Research Strategies
   2.1 Quantitative Research
   2.2 Qualitative Research
   2.3 Mixed Methods

3. Data Generation
   3.1 Quantitative Data Generation
   3.2 Qualitative Data Generation
   3.3 Data Generation in Mixed Methods

4. Data Analysis
   4.1 Quantitative Data Analysis
   4.2 Qualitative Data Analysis
   4.3 Data Analysis in Mixed Methods

5. Quality Criteria of Research
   5.1 Representativeness and Saturation
   5.2 Validity, Reliability and Objectivity in Quantitative Research
   5.3 Documentation, Traceability and Confirmability in Qualitative Research

6. Writing Techniques
   6.1 Structure, Research Topic and Research Question
   6.2 Literature Search
   6.3 Referencing and Plagiarism
## Instructional Methods

- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ☐ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
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- ☐ Piazza

## Literature

### Further Reading

## Corporate Governance and Strategy

**Module Code:** DLBBACGS_E

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**Module Coordinator**
Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Cordes

### Contributing Courses to Module
- Corporate Governance and Strategy (DLBBACGS01_E)

### Module Exam Type

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### Weight of Module
- see curriculum

### Module Contents
- Introduction to Corporate Governance and Strategy
- Perspectives of Corporate Governance
- Monitoring Concepts for Corporate Governance
- Perspectives of Strategy
- Tools for Strategy Development
- Aligning Corporate Governance and Strategy
Learning Outcomes

Corporate Governance and Strategy

On successful completion, students will be able to

▪ define and explain fundamentals of Corporate Governance.
▪ explain different understandings of Corporate Governance.
▪ understand the possible compositions of governance mechanisms and governance systems.
▪ define and explain strategy.
▪ distinguish different approaches to strategy.
▪ describe various strategy instruments.
▪ comprehend the link between strategy and governance.

Links to other Modules within the Study Program

This module is similar to other modules in the fields of Business Administration & Management

Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields
Corporate Governance and Strategy

Course Code: DLBACGS01_E

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Course Description
This course addresses major frameworks under which companies are established and operated. It explains key elements of Corporate Governance and outlines different patterns of governance. In particular, it refers to different approaches to management and control. Furthermore, it links the concept of management and control to corporate strategy. Students are familiarized with different understandings of strategy and how they relate to corporate governance. This course facilitates tools of strategic market analysis and subsequent strategies to enter markets successfully. This course also explains the implications of corporate governance frameworks on strategy development of a firm.
Course Outcomes
On successful completion, students will be able to

- define and explain fundamentals of Corporate Governance.
- explain different understandings of Corporate Governance.
- understand the possible compositions of governance mechanisms and governance systems.
- define and explain strategy.
- distinguish different approaches to strategy.
- describe various strategy instruments.
- comprehend the link between strategy and governance.

Contents

1. Introduction to Corporate Governance and Strategy
   1.1 Fundamentals of Corporate Governance
   1.2 Fundamentals of Strategy
   1.3 The link between Strategy and Corporate Governance

2. Perspectives of Corporate Governance
   2.1 The Corporate Governance Debate
   2.2 Underlying Approaches to Corporate Governance
   2.3 The Concept of Control and its Interpretation

3. Monitoring Concepts for Corporate Governance
   3.1 Governance Mechanisms
   3.2 Governance Systems
   3.3 Corporate Governance Codes

4. Perspectives of Strategy
   4.1 Market-based View on Strategy
   4.2 Resources-based and Network-based View on Strategy
   4.3 Market-Analysis Tools

5. Tools for Strategy Development
   5.1 Product-Market Strategies
   5.2 Market-Entry Strategies
   5.3 Managing Corporate Strategy

6. Aligning Corporate Governance and Strategy
   6.1 Implications of National Governance Codes on Strategy
   6.2 Corporate Governance and Vision, Mission and Values of the Firm
   6.3 Real Life Case of Strategy and Governance Alignment
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
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<td>• Integral concept of humankind as future-oriented model</td>
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<td>• Characteristics and competencies of leaders</td>
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<td>• Leadership models</td>
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<td>• Agile Leadership instruments</td>
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Learning Outcomes

**Leadership 4.0**
On successful completion, students will be able to
- understand the classical theories of leadership and new leadership models.
- distinguish between the terms leadership and management.
- reflect on the understanding of successful leadership models against the background of economic changes.
- develop an understanding of the need for alternative forms of organizational directing.
- implement appropriate leadership methods according to a company’s level of complexity.
- draw upon a sound theoretical understanding that they can practice in applied research.

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www.iubh.de
Leadership 4.0
Course Code: DLBWPLS01_E

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Type of Exam

Exam, 90 Minuten

Course Description

Today, competitiveness depends more than ever on continuous innovation. This puts new demands on the management of companies. The task of successful leaders in innovation and business is no longer to offer direction and solutions, but to create a framework in which others develop innovations. This change, which is currently taking place with full force in companies, requires further developments on classic leadership concepts and its principles. Against the background of digital change and the advance of artificial intelligence, established business models are constantly being put to the test. On the one hand, it is important to work on several projects simultaneously and to adapt flexibly to changing conditions at any time; on the other hand, employees want to be integrated into the work process in a different way. Consideration and flexibility for their personal and family situation play an increasingly role. Innovation and business leaders can only meet all these diverse challenges with Leadership by inspiring others to think ahead and act inter-divisionally, in other words, to be visionary. This course tries to convey knowledge, understanding and tools for this challenging field of work.
Course Outcomes
On successful completion, students will be able to
▪ understand the classical theories of leadership and new leadership models.
▪ distinguish between the terms leadership and management.
▪ reflect on the understanding of successful leadership models against the background of economic changes.
▪ develop an understanding of the need for alternative forms of organizational directing.
▪ implement appropriate leadership methods according to a company's level of complexity.
▪ draw upon a sound theoretical understanding that they can practice in applied research.

Contents
1. Basics of the Leadership Concept
   1.1 Definition of the Leadership Concept and Leadership Actions
   1.2 Development of the Understanding of Leadership
   1.3 The Role of Communication in Leadership
   1.4 New Challenges for Leadership
2. Leadership Versus Management
   2.1 Distinctions between these Concepts
   2.2 Relevance of Leadership in the Context of Technological Change
   2.3 New Forms of Work as a Challenge for Leadership 4.0
3. Organizational Prerequisites for Successful Leadership
   3.1 Launching Corporate Governance Initiatives
   3.2 From Process to Project Management
   3.3 Managing Limited Resources
4. Personal Factors for Successful Leadership
   4.1 Personal Characteristics
   4.2 Technological Know-how
   4.3 Policy and Compliance
5. Management Tools
   5.1 Definition, Differentiation and Challenges
   5.2 Use of Direct Management Tools
   5.3 Use of Indirect Management Tools
6. Leadership 4.0 Models
   6.1 Transformational Leadership
   6.2 Leadership as an Agile Role
   6.3 Authentic Leadership

7. Leadership 4.0 Case Studies
   7.1 Allsafe Jungfalk
   7.2 Automattic

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature
Further Reading

5. Semester
## International Brand Management

**Module Code:** DLBDSEIMB2

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### Module Coordinator

Caterina Fox

### Contributing Courses to Module

- International Brand Management (DLBDSEIMB02)

### Module Exam Type

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### Weight of Module

see curriculum

### Module Contents

- Basics of brand management
- Framework conditions for brands in international markets
- Strategies and concepts of international brands
- Brand architectures and brand extension options
- Brand management and communication
- Brand management according to the stakeholder concept
- Brand control and protection
Learning Outcomes

International Brand Management

On successful completion, students will be able to

▪ recognize the significance of a brand and the general conditions under which brands operate, as well as the associated tasks of brand management.
▪ describe the components of a brand and its management.
▪ explain the positioning of brands on regional, national and international markets.
▪ understand the role of brand evaluation and compare the most common measurement techniques.
▪ give an overview of the importance of trademark protection and suggest strategies for preventing counterfeiting.
▪ conceive of brand strategies and measures for the avoidance or occurrence of brand crises.

Links to other Modules within the Study Program

This module is similar to other modules in the fields of Marketing & Sales

Links to other Study Programs of IUBH

All Bachelor Programmes in the Marketing & Communication fields
International Brand Management
Course Code: DLBDSEIMB02

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Course Description
The aim of this course is to deepen and expand the knowledge acquired in the introductory elective course International Marketing. The value of a brand is a decisive competitive advantage for companies in international business. Brands create long-term and profitable customer relationships. Brands are therefore valuable assets for companies and organizations. Students learn the basics of brand management before moving on to the concepts and success factors of international brand management. Students also become familiar with the structure of brand architectures and the possibilities of brand extensions. The fact that different stakeholder groups must be taken into account in brand management is communicated to the students on the basis of the stakeholder concept. In addition, the students get to know the various methods for measuring brand value and brand controlling. The aspects of trademark protection that are particularly important in an international environment will be dealt with conclusively.
Course Outcomes
On successful completion, students will be able to
▪ recognize the significance of a brand and the general conditions under which brands operate, as well as the associated tasks of brand management.
▪ describe the components of a brand and its management.
▪ explain the positioning of brands on regional, national and international markets.
▪ understand the role of brand evaluation and compare the most common measurement techniques.
▪ give an overview of the importance of trademark protection and suggest strategies for preventing counterfeiting.
▪ conceive of brand strategies and measures for the avoidance or occurrence of brand crises.

Contents
1. Basics of Brand Management
   1.1 Brand Significance and Brand Understanding
   1.2 Market Conditions
   1.3 Tasks and Goals of Brand Management
2. Brand Identity, Brand Positioning, and Brand Personality
   2.1 Brand Identity as the Basis of Brand Management
   2.2 Brand Positioning
   2.3 Brand Image
   2.4 Brand Personality
3. Brand Strategies
   3.1 The Challenges for Brand Strategies
   3.2 Brand Strategies for New Products
   3.3 Trademark Licensing
4. International Branding
   4.1 Importance of Branding for International Companies
   4.2 Brand Concepts for International Brands
   4.3 Factors for Successful International Brands
5. Brand Architectures and Types of Branding
   5.1 Brand Systems
   5.2 Co-branding and Hybrid Branding
6. Brand Management and Communication
   6.1 Classic Brand Communication
   6.2 Brand Communication on the Internet
7. Brand Expansion
   7.1 Basics of Brand Expansion
   7.2 Opportunities and Risks of Brand Expansion
   7.3 Ideal Typical Sequence of the Brand Expansion Process
8. Brand Management According to the Stakeholder Concept
   8.1 Basics of Brand Management According to the Stakeholder Principle
   8.2 Stakeholder Groups: Consumer Stakeholder Groups
   8.3 Stakeholder Groups: Shareholders and Financial Investors
   8.4 Stakeholder Groups: Employees
   8.5 Stakeholder Groups: Suppliers and the Public
9. Brand Control
   9.1 Basics of Brand Controlling
   9.2 Importance and Measurement of Brand Value (Brand Status Analyses)
   9.3 Practical Methods for Measuring Brand Value
10. Trademark Protection
    10.1 Object of Trademark Protection
    10.2 Origin of Trademark Protection
    10.3 Trademark Infringements

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza
Literature

Further Reading

### Seminar: Current Issues in International Management

**Module Code:** DLBINTSATIM_E

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#### Student Workload (in hours)

- **Self Study:** 120 h
- **Tutorial:** 30 h
- **Hours Total:** 150 h

#### Module Coordinator

Prof. Dr. Regina Cordes

#### Contributing Courses to Module

- Seminar: Current Issues in International Management (DLBINTSATIM01_E)

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#### Weight of Module

see curriculum

#### Module Contents

This seminar deals with current issues in international management.

#### Learning Outcomes

**Seminar: Current Issues in International Management**

On successful completion, students will be able to:

- familiarize themselves autonomously with a given topic from the field of "International Management".
- independently research subject-specific literature and evaluate it in a targeted manner.
- elaborate important characteristics, interrelationships and findings in a written assignment.
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www.iubh.de
Seminar: Current Issues in International Management

**Course Code:** DLBINTSATIM01_E

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**Course Description**

In the seminar “Current Issues in International Management” students write a research essay on a specific topic and present their results. The students demonstrate that they are able to autonomously familiarize themselves with a topic of international management and to document and present the knowledge gained in an organized manner.

**Course Outcomes**

On successful completion, students will be able to

- familiarize themselves autonomously with a given topic from the field of "International Management".
- independently research subject-specific literature and evaluate it in a targeted manner.
- elaborate important characteristics, interrelationships and findings in a written assignment.
### Contents

- The seminar deals with current issues in international management. Each participant is expected to write a research paper on a topic assigned to them and present the contents of the written assignment.

### Instructional Methods

- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

### Literature

#### Further Reading

Supply Chain Management II
Module Code: DLBDSESCM2

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Module Coordinator
Prof. Dr. Tobias Specker

Contributing Courses to Module
▪ Supply Chain Management II (DLBDSESCM02)

Module Exam Type
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Weight of Module
see curriculum

Module Contents
▪ Strategic aspects of SCM
▪ SCM Practice: Tasks and Activities in the Core Planning Process
▪ SCM Practice: Tasks and Activities in the Core Process of Procurement
▪ SCM Practice: Tasks and Activities in the Core Process Production
▪ SCM Practice: Tasks and Activities in the Core Distribution Process
### Learning Outcomes

**Supply Chain Management II**

On successful completion, students will be able to

- systematically explain the strategic relevance of enterprise-wide value creation processes.
- understand the most important tasks and problems in the SCM core process planning.
- systematize the elements and interrelationships in the CPFR model in a differentiated way.
- be familiar with the characteristics and peculiarities of contract logistics.
- understand the most important tasks and problems in the SCM core process procurement.
- explain central elements and characteristics of a procurement strategy.
- understand the most important tasks and problems in the SCM core process production.
- explain central elements and characteristics of a modern production strategy.
- understand the most important tasks and problems in the SCM core process distribution.
- explain central elements and characteristics of the so-called ECR concept.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Transportation & Logistics

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Transport & Logistics fields
Supply Chain Management II  
Course Code: DLBDSESCM02

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Course Description
From the perspective of strategic management research and practice, the activities covered by the term SCM are closely related to efforts to build and/or maintain a stable operational competitive advantage. A fundamental discussion of this relationship forms the starting point for the course. On this basis, a differentiated analysis of strategy-relevant activities and instruments in the Plan, Source, Make, Deliver, and Return process categories is then carried out using the SCOR model. Special attention is given to the practice-relevant areas of SCM, e.g., order-promising (plan), supplier-relation-management (source), postponement (make), and the ECR-concept (deliver).
### Course Outcomes

On successful completion, students will be able to
- systematically explain the strategic relevance of enterprise-wide value creation processes.
- understand the most important tasks and problems in the SCM core process planning.
- systematize the elements and interrelationships in the CPFR model in a differentiated way.
- be familiar with the characteristics and peculiarities of contract logistics.
- understand the most important tasks and problems in the SCM core process procurement.
- explain central elements and characteristics of a procurement strategy.
- understand the most important tasks and problems in the SCM core process production.
- explain central elements and characteristics of a modern production strategy.
- understand the most important tasks and problems in the SCM core process distribution.
- explain central elements and characteristics of the so-called ECR concept.

### Contents

1. **Strategic Aspects of SCM**
   - 1.1 Strategic Thinking and Action: General Information
   - 1.2 Competition Focus and SCM
   - 1.3 Competition Location and SCM
   - 1.4 Competition Rules and SCM

2. **SCM Practice: Core Process Planning**
   - 2.1 General Preliminary Considerations
   - 2.2 Collaborative Planning, Forecasting, and Replenishment
   - 2.3 Order Promoting
   - 2.4 Kanban
   - 2.5 Integration of X-PL Logistics Service Providers

3. **SCM Practice: Core Process Procurement**
   - 3.1 General Preliminary Considerations
   - 3.2 Production Synchronous Procurement
   - 3.3 Sourcing Concepts
   - 3.4 Supplier Relations Management

4. **SCM Practice: Core Process Production**
   - 4.1 Selected Aspects of the Problem Background
   - 4.2 Collaborative Engineering
   - 4.3 Postponement Strategies
   - 4.4 Value Added Partnership
5. SCM Practice: Core Process Distribution

5.1 Basic Information on the Distribution Problem

5.2 Efficient Consumer Response (ECR)

5.3 Consignment Warehouse

Instructional Methods

☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading

# Agile Project Management

**Module Code:** DLBCSAPM

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**Module Coordinator**

Dr. Mark Menzel

**Contributing Courses to Module**

- Agile Project Management (DLBCSAPM01)

**Module Exam Type**

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**Weight of Module**

see curriculum

**Module Contents**

- In this course, students are taught action competences in the field of agile project management. They will be familiarized with the values, activities, roles, and artifacts of agile procedures using Scrum as an example.
# Learning Outcomes

**Agile Project Management**

On successful completion, students will be able to

- explain the differences between agile and plan-driven project management.
- explain agile principles.
- work together in an agile manner according to the values defined in Scrum.
- apply the activities defined in Scrum.
- take responsibility for the roles defined in Scrum.
- create and maintain the artefacts defined in Scrum.

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www.iubh.de
# Agile Project Management

## Course Code: DLBCSAPM01

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## Course Description

Students will receive a practical introduction to agile project management in this course. In addition to teaching its individual basic principles, the differences between agile project management and plan-driven project management will be examined in detail. In order to understand and experience agile project management, the values, activities, roles, and artefacts of typical agile procedures are presented using Scrum and then practiced on an example project.

## Course Outcomes

On successful completion, students will be able to

- explain the differences between agile and plan-driven project management.
- explain agile principles.
- work together in an agile manner according to the values defined in Scrum.
- apply the activities defined in Scrum.
- take responsibility for the roles defined in Scrum.
- create and maintain the artefacts defined in Scrum.
This course teaches students various skills in the field of agile project management. In contrast to plan-driven project management, the principles of agility used in modern software development are taught. Using the example of Scrum, students will acquire skills in applying an agile approach, and then apply their knowledge of respective roles and activities in a simple project to gain initial practical experience, documenting it in a project report. The content of the projects results from the individual abilities and requirements of the students.

Instructional Methods

☐ Course Book
☐ Interactive Book
☐ Vodcast/Shortcast
☐ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading

Managing People and Fundamentals of Business Psychology
Module Code: DLBBAEMPFB_E

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Module Coordinator
Prof. Dr. Regina Cordes, Prof. Dr. Julia Pitters

Contributing Courses to Module
- Introduction to New Work (DLBNWENW01_E)
- Business Psychology (DLBMPS01_E)

Module Exam Type
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Weight of Module
see curriculum
Module Contents

Introduction to New Work
- Working world of the future
- Concept development
- New Work as an interdisciplinary approach
- Megatrends
- Effects of agile organization forms
- Leadership and cooperation in New Work
- Empowerment
- Competence development
- General conditions

Business Psychology
- General Theories of Business Psychology
- Psychology of Microeconomic Processes
- Psychology of Macroeconomic Processes
- Psychology of Change
- The Learning Organization
### Learning Outcomes

#### Introduction to New Work
On successful completion, students will be able to
- identify and understand the challenges of technological and societal change.
- transfer the emerging challenges to human resources management and the leadership culture in companies.
- understand the concepts of agile and fluid organizations and the resulting consequences.
- identify solutions for complex environmental factors on leadership and human resources management.

#### Business Psychology
On successful completion, students will be able to
- describe central economic assumptions and their influencing factors and critically question them in relation to concrete action and decision making.
- discuss important theories in the field of motivation, cognition and interaction and explain their significance for economic tasks and contexts.
- explain fundamental psychological conditioning factors and explanatory models of macroeconomic processes and phenomena and apply them to central economic issues.
- present the importance of work and essential influencing factors from a psychological perspective and derive operational possibilities for shaping work.
- differentiate essential psychological models and concepts for describing and influencing human behavior in organizations and groups.
- assess the possibilities and limits of the targeted development of organizations on the basis of central psychological theories and models and to develop behavioral recommendations.
- discuss basic psychological concepts of the learning organization and design measures for everyday working life.

### Links to other Modules within the Study Program
This module is similar to other modules in the fields of Human Resources and Psychology

### Links to other Study Programs of IUBH
All Bachelor Programmes in the Human Resources and Social Sciences fields
Introduction to New Work
Course Code: DLBNWENW01_E

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Information about the examination

Examination Admission Requirements

BOLK: yes

Course Evaluation: no

Type of Exam

Module Exam
# Course Description

More and more companies leave their bureaucratic systems and hierarchical structures behind and adopt an agile style of work. Knowledge is both increasing and outdated at an increasing rate. Autonomy and creativity become of greater importance in more and more companies. Increasingly, processes and departments are set up according to agile principles. Work experiences an increasing dissolution of boundaries with both positive and negative effects. The question of how structures and corporate culture adapt better and faster to shorter innovation cycles and environmental changes affects all companies and their human resources management. It is more important than ever for knowledge and qualifications to be state of the art; consequently continuous learning needs to take a more prominent role in the work place. In the context of social and demographic change, work and organizations are moving further and further away from Taylorism and towards integral, evolutionary organizations whose work is characterized by self-management, a holistic view and meaningful tasks. This is accompanied by a change in orientation, away from bureaucracy towards democratic structures and empowerment. This course provides an introduction to the complex and contemporary theme of the new working world and work structure. Starting with a classification of the topic, we will define social megatrends as essential factors influencing human resource management and organization. Building on this, we will discuss the dipole of rigid and agile organizational structures and the resulting effects on leadership, personnel management and employees. Further, we will look at the concepts of cooperation and leadership during the implementation of new work structures and methods as well as necessary competencies. Competence development addresses how learning, attitudes and abilities are set to interact to provide companies with agile processes. Finally, we will critically reflect upon the new work concept, looking at advantages and disadvantages for those involved, predominantly in the context of legal and social conditions.

## Course Outcomes

On successful completion, students will be able to

- identify and understand the challenges of technological and societal change.
- transfer the emerging challenges to human resources management and the leadership culture in companies.
- understand the concepts of agile and fluid organizations and the resulting consequences.
- identify solutions for complex environmental factors on leadership and human resources management.

## Contents

1. What is New Work?
   1.1 The World of Work of the Future
   1.2 Concept Development
   1.3 New Work as an Interdisciplinary Approach
2. Megatrends
   2.1 Globalization
   2.2 Digitalization and Connectivity
   2.3 Individualization and Changing Values
   2.4 Demographic Change and Diversity

3. Organization of New Work
   3.1 Fixed Organization Forms
   3.2 Agile Organization Forms
   3.3 Effects of Agile Organization Forms

4. Leadership and Cooperation in New Work
   4.1 Empowerment
   4.2 Leadership
   4.3 New Forms of Agile Cooperation
   4.4 New Frameworks, Methods and Tools for Cooperation

5. Competence Development
   5.1 Competencies
   5.2 Settings and Mindset
   5.3 Continuous Learning

6. General Conditions and Criticism
   6.1 General Conditions
   6.2 Critical Classification of New Work

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza
Further Reading

## Business Psychology

**Course Code:** DLBMPS01_E

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### Course Description

Decisions in complex situations do not follow the rules of logic, but are determined by the features of market participants’ behavior. In order to better understand this behavior and to make reliable forecasts based on it, economics is recommended to include discoveries in the field of psychology. After an introduction to business psychology and its influencing factors, students are familiarized with the various theories on motivation, cognition and interaction. This course then looks into business psychology at the macro- and microeconomic level. Students learn about the psychological view on the development of countries and societies as well as the psychology of organizations and groups. In addition, the psychology of work in relation to human resources in general and job satisfaction in particular is examined. Students learn about and understand the importance of change in organizations and the principle of the learning organization. The ability to learn faster than the competition is one of the most important competitive factors. Learning organizations promote joint and individual learning and increase employee motivation towards work.
Course Outcomes
On successful completion, students will be able to

▪ describe central economic assumptions and their influencing factors and critically question them in relation to concrete action and decision making.
▪ discuss important theories in the field of motivation, cognition and interaction and explain their significance for economic tasks and contexts.
▪ explain fundamental psychological conditioning factors and explanatory models of macroeconomic processes and phenomena and apply them to central economic issues.
▪ present the importance of work and essential influencing factors from a psychological perspective and derive operational possibilities for shaping work.
▪ differentiate essential psychological models and concepts for describing and influencing human behavior in organizations and groups.
▪ assess the possibilities and limits of the targeted development of organizations on the basis of central psychological theories and models and to develop behavioral recommendations.
▪ discuss basic psychological concepts of the learning organization and design measures for everyday working life.

Contents
1. Economic Psychology of People
   1.1 Economic Psychology
   1.2 Human Behavior in the Economy
2. Influencing Factors of Basic Economic Assumptions
   2.1 Decision-Making Theories and Decision Anomalies
   2.2 Perception and Processing of Information
   2.3 Feelings
3. Theories of Business Psychology
   3.1 Theories in the Field of Motivation
   3.2 Theories in the Field of Cognition
   3.3 Theories in the Field of Interaction
4. Psychology of Macroeconomic Processes
   4.1 Psychology of Economic Development
   4.2 Psychology of Developed Societies
   4.3 Psychology of Markets
   4.4 Psychology of Money
5. Psychology of Microeconomic Processes I
   5.1 Psychology of Work
   5.2 Psychology of the Work Force
   5.3 Psychology of Work Design
   5.4 Psychology of Job Satisfaction
   5.5 Psychology of Workload

   6.1 Psychology of Organizations
   6.2 Organizational Groups
   6.3 Organizational Power
   6.4 Organizational Conflicts
   6.5 Organizational Leadership

7. Psychology of Change
   7.1 Areas of Organizational Change
   7.2 Phases of organizational Change
   7.3 Organizational Development

8. The Learning Organization
   8.1 Systemic Thinking
   8.2 Personal Mastery
   8.3 Mental Models
   8.4 Visions
   8.5 Team Learning

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza
Further Reading

# Applied Sales

**Module Code:** DLBDSEAS

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## Module Coordinator

Prof. Dr. Patrick Geus

## Contributing Courses to Module

- Applied Sales I (DLBDSEAS01)
- Applied Sales II (DLBDSEAS02)

## Module Exam Type

### Split Exam

- **Applied Sales I**
  - Module Exam (50)
- **Applied Sales II**
  - Module Exam (50)

## Weight of Module

see curriculum
Module Contents

Applied Sales I
- Fundamentals of Applied Sales
- The Distribution System
- Personal Sales
- Sales Plans
- New Customer Acquisition
- A Sales Visit
- Conversational Tactics
- Conducting Negotiations
- Other Sales Channels

Applied Sales II
- Marketing and Sales
- Customer Satisfaction as a Success Factor
- Personalities in Sales
- Customer-Oriented Communication
- Presentation and Rhetoric
- Customer Loyalty
- Networking
- Case Study
### Learning Outcomes

**Applied Sales I**
On successful completion, students will be able to
- understand the fundamentals of applied sales and place them in the context of the company.
- understand the interaction of the individual facets of applied sales.
- differentiate between and evaluate individual sales systems.
- describe current sales types and sales characteristics.
- oversee and classify the entire sales process from customer acquisition to customer retention.
- understand the basics of sales and negotiation management and apply them.
- name the usual sales instruments, recognize their advantages and disadvantages, and reflect on essential fields of application and possibilities.

**Applied Sales II**
On successful completion, students will be able to
- understand the interaction and the respective areas of responsibility of marketing and sales.
- reflect on and classify the goals and measures within the framework of the applied sales system.
- assess the relevance of customer satisfaction and retention. In addition, the students will be familiar with the central design elements of CRM.
- reflect on and assess alternative approaches to customer loyalty and relationship management and apply them in business practice.
- understand the meaning of the terms customer life cycle and customer value, and develop approaches to manage them in the sense of the respective sales targets.
- use descriptive presentation techniques in order to convince customers and other sales partners.
- understand the relevance of networking and develop strategies to broaden the contact base.
- develop and evaluate their own market analyses and sales concepts on the basis of practical experience within the framework of the case study.

### Links to other Modules within the Study Program
This module is similar to other modules in the fields of Marketing & Sales

### Links to other Study Programs of IUBH
All Bachelor Programmes in the Marketing & Communication fields

www.iubh.de
Applied Sales I
Course Code: DLBDSEAS01

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<table>
<thead>
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<td>The demands on sales thinking are growing every day. Globalized demand combined with high competition is making it increasingly difficult for companies to compete for customers. At the same time, customers are becoming better informed, while traditional supply markets are saturated and at overcapacity. In order to be successful in such an environment, sales thinking and action are required along with a new type of salesperson. Within the course Applied Sales I (Introduction), the participants are familiarized with the basic concepts of applied sales. You will learn about sales organization, dealing with alternative sales channels, and get to know the dedicated sales planning process. The contents of the module are complemented by the successful acquisition of new customers, whereby particular attention is paid to the organization and implementation of customer visits and the conduct of discussions and negotiations.</td>
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</table>
Course Outcomes
On successful completion, students will be able to

▪ understand the fundamentals of applied sales and place them in the context of the company.
▪ understand the interaction of the individual facets of applied sales.
▪ differentiate between and evaluate individual sales systems.
▪ describe current sales types and sales characteristics.
▪ oversee and classify the entire sales process from customer acquisition to customer retention.
▪ understand the basics of sales and negotiation management and apply them.
▪ name the usual sales instruments, recognize their advantages and disadvantages, and reflect on essential fields of application and possibilities.

Contents
1. Fundamentals of Applied Sales and Distribution
   1.1 Tasks and Forms of Applied Distribution
   1.2 Marketing as the Basis of Sales
   1.3 Distribution, Sales, and Other Terms
   1.4 Sales in Different Economic Sectors

2. The Distribution System
   2.1 Forms of Sales
   2.2 Sales Organisation
   2.3 Key Account Management
   2.4 Multi-Channel Distribution

3. Personal Sales
   3.1 The "New Sellers"
   3.2 Requirements for Sales Personalities
   3.3 The Key Account Manager
   3.4 Task of Sales Managers

4. Sales Plan
   4.1 Tasks and Objectives of Sales Management
   4.2 Observation of Competition in the Context of Sales Management
   4.3 Potential Analyses and Sales Planning
   4.4 Sales Control and Visit Strategies
5. New Customer Acquisition
   5.1 Identification of New Customer Potential
   5.2 Customer Relationship Management and Customer Acquisition
   5.3 Trade Fairs and Events
   5.4 Networking

6. The Sales Visit
   6.1 Frequency and Preparation of Visits
   6.2 Conduct of a Visit
   6.3 Visit Reports and Follow-Up
   6.4 Aftercare and Follow-Up

7. Conversational Tactics
   7.1 Structured Conversation Preparation
   7.2 Goal-Oriented Conversation: The D.A.L.A.S Model
   7.3 Questioning Techniques

8. Conducting Negotiations
   8.1 Psychology of Negotiation
   8.2 Negotiation Structure
   8.3 Objection Handling
   8.4 Price Negotiations

9. Other Sales Channels
   9.1 Telemarketing
   9.2 Catalogue and Brochure Sales
   9.3 Internet and E-Commerce

**Instructional Methods**
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza
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Applied Sales II
Course Code: DLBDSEAS02

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Course Description
The course Applied Sales II builds on the basics taught in the course "Applied Sales I" and broadens and deepens them. First, the tension between marketing and sales is examined in more detail. Based on this, essential backgrounds and central target figures for successful sales management (e.g., customer satisfaction and loyalty as well as the customer life cycle) are derived and operationalized in order to create the basis for efficient and effective customer relationship management. As the process progresses, attention will also be paid to mental processes and consumer behavior in general. In addition, strategies and paths to successful negotiation are deepened and supplemented by convincing communication techniques. The course concludes with a case study in the course of which the students have the opportunity to apply what they have learned in a practice-oriented manner.
Course Outcomes
On successful completion, students will be able to

▪ understand the interaction and the respective areas of responsibility of marketing and sales.
▪ reflect on and classify the goals and measures within the framework of the applied sales system.
▪ assess the relevance of customer satisfaction and retention. In addition, the students will be familiar with the central design elements of CRM.
▪ reflect on and assess alternative approaches to customer loyalty and relationship management and apply them in business practice.
▪ understand the meaning of the terms customer life cycle and customer value, and develop approaches to manage them in the sense of the respective sales targets.
▪ use descriptive presentation techniques in order to convince customers and other sales partners.
▪ understand the relevance of networking and develop strategies to broaden the contact base.
▪ develop and evaluate their own market analyses and sales concepts on the basis of practical experience within the framework of the case study.

Contents
1. Marketing and Sales
   1.1 Marketing Tasks and Functions
   1.2 Sales Marketing in Different Economic Sectors
   1.3 Relationship Marketing
   1.4 International Marketing and Sales Cooperations

2. Customer Satisfaction as a Success Factor
   2.1 Customer Relationship Management (CRM)
   2.2 The CRM Success Chain
   2.3 Customer Relationship Strategies

3. Personalities in Sales
   3.1 Sales Personalities and Differentiation
   3.2 Selling in Teams
   3.3 Negotiating With Committees

4. Customer-Oriented Communication
   4.1 Communication Tasks in Sales
   4.2 Sales Promotion by Sales Staff
   4.3 Team Sales Promotion
   4.4 Sales Promotion by the Company
5. Presentation and Rhetoric
   5.1 Rhetoric in Sales
   5.2 Presentation Techniques
   5.3 Nonverbal Communication

6. Customer Loyalty
   6.1 Customer Retention Management
   6.2 Customer Programs and Other Customer Loyalty Tools
   6.3 Complaint Management

7. Networking
   7.1 Network Competencies in the Company
   7.2 Building and Shaping Relationships
   7.3 Networking via Social Media

8. Case Study in IQ Media Marketing
   8.1 The Market Situation
   8.2 The Marketing Situation
   8.3 IQ Media Marketing and IQ Digital Media Marketing

### Instructional Methods

- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- □ Review Book
- □ Sprint
- □ Guidelines
- ✔ Live Tutorials
- □ MyCampus Forum
- □ Piazza

### Literature
Further Reading

## Financial Services Management

**Module Code:** DLBDEFSM

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### Module Coordinator

Prof. Dr. Anke Haag

### Contributing Courses to Module

- Financial Services Management I (DLBDEFSM01)
- Financial Services Management II (DLBDEFSM02)

### Module Exam Type

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### Weight of Module

see curriculum
Module Contents

Financial Services Management I
- Financial Markets and Financial Intermediaries
- Financial Intermediation in Germany
- Financial Services
- Debt Financing Through Financial Intermediaries
- Equity Financing Through Financial Intermediaries

Financial Services Management II
- Fundamentals of the Monetary and Asset Situation
- Investment in Money
- Investment in Tangible Assets
- Investment Funds and Certificates
- Insurance Financial Services

Learning Outcomes

Financial Services Management I
On successful completion, students will be able to
- know the role of a financial service provider as a financier as well as how individual markets function in the financing sector.
- understand the basic relationships between the different financial services and their (supervisory) legal frameworks.
- evaluate the potential influence of the financial services sector on the real economy.
- familiarize themselves with the financing services offered both for external financing and for self-financing.
- assess the importance of financial services in the form of debt and equity financing in the short, medium, and long term.

Financial Services Management II
On successful completion, students will be able to
- systematize the different possibilities for the investment of financial surpluses.
- with the help of knowledge gained regarding conflicts involved in making financial investments, apply different aspects of investment decision-making to financial instruments.
- assess the various forms of investment in order of their safety.
- analyze the various forms of investment in terms of risk and return.
- understand that investment funds, certificates, and derivatives are modern products of financial service providers, which bring high returns and sometimes high risk.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Finance & Tax Accounting

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
Financial Services Management I
Course Code: DLBDSEFSM01

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**Course Description**
The course explains the origin and constitution of the financial market. As a result of the imperfection of the financial market, the necessity of financial intermediaries is theoretically derived, which leads to the thesis of disintermediation. Since the German financial market is determined by regulations and supervision, the legal framework is discussed. The financial services of banks and other specialized financial intermediaries are presented. The main forms of debt financing through financial intermediaries are presented as well as financing with equity capital.
### Course Outcomes

On successful completion, students will be able to

- know the role of a financial service provider as a financier as well as how individual markets function in the financing sector.
- understand the basic relationships between the different financial services and their (supervisory) legal frameworks.
- evaluate the potential influence of the financial services sector on the real economy.
- familiarize themselves with the financing services offered both for external financing and for self-financing.
- assess the importance of financial services in the form of debt and equity financing in the short, medium, and long term.

### Contents

1. Financial Markets and Financial Intermediaries
   1.1 Origin and Basic Problems of the Financial Market
   1.2 Appearances and Functions of Financial Intermediaries
   1.3 The Thesis of Disintermediation in Finance

2. Financial Intermediation in Germany
   2.1 The Banking System in Germany
   2.2 Capital Management Companies and Insurance Companies
   2.3 Regulations and Supervision

3. Financial Services
   3.1 Financing Needs
   3.2 The Range of Financial Services
   3.3 Lending and Collateralization

4. Debt Financing Through Financial Intermediaries
   4.1 Short-Term Loans as a Financing Service
   4.2 Medium and Long-Term Loans as Financial Services
   4.3 Credit Substitutes

5. Equity Financing Through Financial Intermediaries
   5.1 Equity Financing Through Capital Participation and Venture Financing Companies
   5.2 Services in Connection With Issue Financing
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
Financial Services Management II
Course Code: DLBDSEFSM02

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Course Description
In this course, the different possibilities of investing financial surpluses are systematized. The conflicting relationship between the risks, returns, and liquidity of a financial investment are presented, and the different aspects of decision-making for investment in one of the financial instruments are shown. The various forms of investment (monetary values, tangible assets) are presented in the order of their security. The functions that insurance companies perform as financial service providers complete the picture. The different forms of life insurance and their role in old-age provision are presented.
Course Outcomes
On successful completion, students will be able to
▪ systematize the different possibilities for the investment of financial surpluses.
▪ with the help of knowledge gained regarding conflicts involved in making financial investments, apply different aspects of investment decision-making to financial instruments.
▪ assess the various forms of investment in order of their safety.
▪ analyze the various forms of investment in terms of risk and return.
▪ understand that investment funds, certificates, and derivatives are modern products of financial service providers, which bring high returns and sometimes high risk.

Contents
1. Basic Information on Investing Money and Assets
   1.1 Basic Concepts of Money and Asset Investment
   1.2 Framework Conditions for Decisions on Plants
   1.3 Investment Products
2. Investment in Money
   2.1 Investment in Accounts
   2.2 Savings Bonds
   2.3 Fixed-Interest Securities
3. Investment in Tangible Assets
   3.1 Shares
   3.2 Stock Exchange Trading
   3.3 Investment in Real Estate
4. Investment Funds and Certificates
   4.1 Mutual Funds
   4.2 Fund of Funds and Hedge Funds
   4.3 Derivatives
5. Insurance Financial Services
   5.1 Fundamentals of the Insurance Industry
   5.2 The Life Insurances
### Instructional Methods

- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- □ Review Book
- □ Sprint
- □ Guidelines
- ✔ Live Tutorials
- □ MyCampus Forum
- □ Piazza

### Literature

#### Further Reading

# Business Intelligence

**Module Code:** DLBCSEBI

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## Module Coordinator

Prof. Dr. Marian Benner-Wickner

## Contributing Courses to Module

- Business Intelligence I (DLBCSEBI01)
- Project: Business Intelligence (DLBCSEBI02)

## Module Exam Type

### Module Exam

**Split Exam**

- Business Intelligence I
  - Exam, 90
- Project: Business Intelligence
  - Written Assessment: Project Report

**Weight of Module**

see curriculum
### Module Contents

**Business Intelligence I**
- Basics of mobile software development
- Android system architecture
- Development environment
- Core components of an Android app
- Interaction between application components
- Advanced techniques

**Project: Business Intelligence**
Conception, implementation, and documentation of small, mobile applications on the basis of a concrete task.

### Learning Outcomes

**Business Intelligence I**
On successful completion, students will be able to
- explain the motivation, use cases, and basics of Business Intelligence.
- identify and explain techniques and methods for providing and modeling data, as well as types of data relevant to BI, differentiating between them.
- explain techniques and methods for the generation and storage of information and independently select suitable methods on the basis of concrete requirements.

**Project: Business Intelligence**
On successful completion, students will be able to
- independently design a solution to a practical problem in the field of Business Intelligence in order to then implement a prototype and document the results.
- identify and explain typical problems and challenges in the design and practical implementation of small BI solutions.

### Links to other Modules within the Study Program
This module is similar to other modules in the fields of Computer Science & Software Development

### Links to other Study Programs of IUBH
All Bachelor Programmes in the IT & Technology fields

www.iubh.de
# Business Intelligence I

**Course Code:** DLBCSEBI01

## Course Description
Business Intelligence (BI) is used to obtain information from company data that is relevant for targeted corporate management and the optimization of business activities. This course introduces and discusses techniques, procedures, and models for data provision, information generation, and analysis, as well as the distribution of the information obtained. You will then be able to explain the various subject areas of data warehousing and independently select methods and techniques to meet specific requirements.

## Course Outcomes
On successful completion, students will be able to

- explain the motivation, use cases, and basics of Business Intelligence.
- identify and explain techniques and methods for providing and modeling data, as well as types of data relevant to BI, differentiating between them.
- explain techniques and methods for the generation and storage of information and independently select suitable methods on the basis of concrete requirements.
## Contents

1. Motivation and Conceptualization  
   1.1 Motivation and Historical Development  
   1.2 BI as a Framework  

2. Data Provision  
   2.1 Operative and Dispositive Systems  
   2.2 The Data Warehouse Concept  
   2.3 Architectural Variations  

3. Data Warehouse  
   3.1 ETL Process  
   3.2 DWH and Data Mart  
   3.3 ODS and Metadata  

4. Modelling of Multidimensional Data Spaces  
   4.1 Data Modeling  
   4.2 OLAP Cubes  
   4.3 Physical Storage  
   4.4 Star and Snowflake Scheme  
   4.5 Historicization  

5. Analysis Systems  
   5.1 Free Data Research and OLAP  
   5.2 Reporting Systems  
   5.3 Model-Based Analysis Systems  
   5.4 Concept-Oriented Systems  

6. Distribution and Access  
   6.1 Information Distribution  
   6.2 Information Access
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
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Literature
Further Reading

Project: Business Intelligence

Course Code: DLBCSEBI02

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Course Description

Using well-known methods and techniques from the field of Business Intelligence, students will work independently on a practical question in this course. At the end of the course you will be able to independently design and prototype Business Intelligence applications based on concrete requirements.

Course Outcomes

On successful completion, students will be able to

- independently design a solution to a practical problem in the field of Business Intelligence in order to then implement a prototype and document the results.
- identify and explain typical problems and challenges in the design and practical implementation of small BI solutions.
Implementation and documentation of practical questions regarding the use of Business Intelligence applications. Typical scenarios are, for example, “Management of BI projects”, “Design of multidimensional data models” and “Prototypical implementation of small BI applications”.

Instructional Methods

☐ Course Book
☐ Interactive Book
☐ Vodcast/Shortcast
☐ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading

# Online and Social Media Marketing

## Module Code: DLBMSM_E

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## Module Coordinator

Prof. Dr. Maren Weber

## Contributing Courses to Module

- Online Marketing (DLBMSM01_E)
- Social Media Marketing (DLBMSM02_E)

## Module Exam Type

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## Weight of Module

see curriculum
# Module Contents

## Online Marketing
- Basics of Online Marketing
- Forms and Channels of Online Marketing
- Online Marketing Strategy
- Online Media Planning
- Advantages and Problems of a Web Presence
- Viral Marketing and Word-of-mouth
- Mobile Marketing and M-Commerce
- Internet Law
- Online Customer Retention and Service
- Measurement and Evaluation of Online Marketing Programs

## Social Media Marketing
- Basics of Social Media Marketing
- Social Media Marketing in the Overall Marketing Mix
- Social Media Map
- Social Media in the Company
- Social Media Strategy Development
- Word-of-mouth and Viral Marketing
- Social Media in Innovation Management
- Collaborations, Business Networks and Social Recruiting
- Legal Framework of Social Media
- Developments in Social Media Marketing

## Learning Outcomes

### Online Marketing
On successful completion, students will be able to
- know and evaluate different online marketing channels.
- design an online marketing strategy.
- win and retain customers through online marketing measures.
- measure and evaluate online marketing programs.
- make initial strategic decisions in the area of online marketing.

### Social Media Marketing
On successful completion, students will be able to
- integrate social media marketing into the overall marketing mix.
- develop a social media strategy.
- evaluate the different social media channels (Facebook, Instagram...)
- use social media for innovation management and networks.
- assess global marketing opportunities of companies in the social media sector and make initial strategic decision.
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## Online Marketing
Course Code: DLBMSM01_E

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### Course Description
This course uses the basics of business and economic principles to enable the participant to strategically deal with the topic of online marketing. Strategic positioning of companies in the World Wide Web, optimization of presences as well as the measurement of success and evaluation of relevant key figures form the uniform basis for the module. The course Online Marketing teaches technical terms and concepts of electronic business transactions and deals with different forms of marketing and their online distribution. It expands the understanding of online marketing with elements of strategic and operational marketing, especially the planning and implementation of advertising campaigns via sales channels. After understanding the behavior of online customers, this course will discuss tactics to increase customer figures and online campaigns and the importance of online relationships. This course offers students the opportunity to learn about and implement various aspects of online marketing management in practice. You will learn how to evaluate online media planning through web analytics and targeted monitoring. Furthermore, we will address the optimization of the online strategy to increase lead and conversion rates.
## Course Outcomes

On successful completion, students will be able to
- know and evaluate different online marketing channels.
- design an online marketing strategy.
- win and retain customers through online marketing measures.
- measure and evaluate online marketing programs.
- make initial strategic decisions in the area of online marketing.

## Contents

1. Basics of Online Marketing
   1.1 Concept and Development of Online Marketing
   1.2 The Role of Online Marketing in the Marketing Mix
   1.3 Organizational Requirements

2. Types and Channels of Online Marketing
   2.1 Types of Online Marketing
   2.2 Affiliate and Search Engine Marketing
   2.3 On-Screen Advertising and E-mail Marketing

3. Online Marketing Strategy
   3.1 Setting Goals and Creating a Foundation
   3.2 The Customer’s Journey
   3.3 The Optimal Channel Mix
   3.4 Define and Analyze KPIs

4. Online Media Planning
   4.1 Principles of Successful Media Planning
   4.2 Targeted Media Budgets – Creation and Structure
   4.3 Advantages of Integrated Campaigns
   4.4 Successful Media Mix through Campaign Management

5. Advantages and Problems of a Web Presence
   5.1 The Corporate Website
   5.2 Advantages of Online Trading
   5.3 Possibilities of Presentation and Dissemination of Products / Services
   5.4 Shortcomings of Web-based Marketing Strategies
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<td>Set up, Read and Optimize Web Analytics and Monitoring</td>
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12. Managing Your Own Website
   12.1 Overview of Traders
   12.2 Briefing Service Providers
   12.3 Project Management
   12.4 Principles of Design and Information Architecture
   12.5 Decision Making and Technology
   12.6 Usability

13. Conversion Optimization
   13.1 The Best Traffic Strategies
   13.2 Psychological Accelerators
   13.3 Landingpage Optimization
   13.4 Layout and Typography
   13.5 Mobile Landing Pages
   13.6 Testing Methods

14. Search Engine Marketing I, SEA
   14.1 Searching Around the World – Google, Bing, Yahoo, Yandex, Baidu...
   14.2 Matching Business Models and Target Groups through Search Engines
   14.3 Search Engines and Search Engine Advertising (SEA)
   14.4 Search Behavior through the Lens of (Mobile) Technology Development
   14.5 SEA Communication and Campaign Strategies
   14.6 Building Ad and Keyword Corpora

15. Search Engine Marketing Part II, SEO
   15.1 Search Engine Optimization (SEO) on Your Own Website
   15.2 SEO Outside Your Own Website: Link Building
   15.3 Current Developments in the Field of SEO

16. On-Screen Advertising
   16.1 Matching Format with Purpose
   16.2 Design Guidelines in Screen Advertising
   16.3 Contemporary Special Formats
   16.4 Data Driven Display und Real Time Bidding
### 17. Email Marketing 1 & 2 (2 parts of 45 minutes)
- 17.1 Forms of Application of E-mail Marketing
- 17.2 Handling of E-mail Addresses
- 17.3 Communication Planning and Conceptualization
- 17.4 Target Groups
- 17.5 Sender and Subject, Content, Design and Dispatch
- 17.6 Tracking, Analysis and Optimization
- 17.7 Technical Implementation

### 18. Mobile Marketing and M-Commerce
- 18.1 Apps vs. Mobile Web
- 18.2 Opportunities, Costs and Benefits of Mobile Services
- 18.3 Creating Concepts under Marketing Aspects
- 18.4 Background and Rules for Successful Mobile Campaigns
- 18.5 Integration into the Marketing Mix
- 18.6 QR Code Marketing & In-App Advertising

### 19. Affiliate Marketing
- 19.1 Basics of Affiliate Marketing
- 19.2 Integration into the Typical Marketing Mix
- 19.3 Budget Control
- 19.4 Use of Advertising Material
- 19.5 Communication With Affiliate Partners
- 19.6 Dos and Don’ts in Affiliate Marketing

### 20. Cooperation with Agencies
- 20.1 Professional Selection Procedures for Online Marketing Agencies
- 20.2 Agency Arrangements: Most Important Rules for an Impartial Drafting Process
- 20.3 Between Trust and Control: Dealing with Agencies
- 20.4 Making Daily Business Strategically and Operationally Meaningful
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
Social Media Marketing
Course Code: DLBMSM02_E

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**Course Description**
This course uses the basics of online communication strategies in networks to enable the participant to examine the topic of social media marketing. The instruments of today's social media marketing and their channels will be examined in detail in order to use them specifically for further marketing measures and success-oriented strategies. The strategic positioning of a company in the social media sector plays a central role, as does the integration of social media as an additional service component in the online marketing mix. This course actively considers the topic of social media management. Social media channels such as Facebook, Instagram, Pinterest, etc. are examined more closely in order to use them specifically for further marketing measures and success-oriented strategies. The Social Media Management course introduces concepts such as developing a social media strategy for companies. It deals with the use and monitoring of various social media channels with a focus on practical usability. The course also teaches content creation, content management and editorial planning, covers all social media topics and deals with them in a practical way.
### Course Outcomes

On successful completion, students will be able to

- integrate social media marketing into the overall marketing mix.
- develop a social media strategy.
- evaluate the different social media channels (Facebook, Instagram...)
- use social media for innovation management and networks.
- assess global marketing opportunities of companies in the social media sector and make initial strategic decision.

### Contents

1. Basics of Social Media Marketing
   1.1 Development of Social Media and the Concept of Social Media Marketing
   1.2 Functionality, Types and Fields of Application of Social Media Marketing
   1.3 Typology and Activities of Social Media Users
   1.4 Goals of Social Media Marketing

2. Social Media Marketing in the Overall Marketing Mix
   2.1 Opportunities and Risks of Social Media
   2.2 Groundswell’s POST Method
   2.3 Integration into the Classic Marketing Mix
   2.4 Social Media as a Service Channel

3. Social Media Map
   3.1 Overview of the Social Media Map
   3.2 Profiles of the Most Relevant Social Media Channels
   3.3 Target Groups/User Groups

4. Social Media in the Company
   4.1 Role of the Social Media Manager in the Company
   4.2 Types of Social Media Strategies in the Company
   4.3 Social Media Governance

5. Social Media Strategy Development
   5.1 What is a Strategy? Definitions
   5.2 Objectives of a Strategy
   5.3 Stages of Social Media Strategy Development
6. Word-of-Mouth and Viral Marketing
   6.1 Definition and Functionality of WoM
   6.2 Importance of Multipliers and Opinion Leaders
   6.3 Creation of a WoM Campaign and its Success Control
   6.4 Viral Campaigns and the Social Ripple Effect
   6.5 Online Reputation Management, Crisis Management and PR 2.0

7. Social Media in Innovation Management
   7.1 Introduction to Crowdsourcing
   7.2 Innovations through Interactive Value Creation, Lead Users and Social Media Intelligence
   7.3 Social Media as an Instrument of Qualitative Market Research

8. Collaborations, Business Networks and Social Recruiting
   8.1 Types and Functioning of Business Networks
   8.2 Possibility of Integrating Social Business Networking Using XING
   8.3 Social Media Recruiting

9. Legal Framework of Social Media
   9.1 Legal Framework of Social Media
   9.2 User-Generated Content
   9.3 Social Media Guidelines
   9.4 The "Like Button" - Legal Conditions for Social Ads

10. Developments in Social Media Marketing
    10.1 Social Change - New Forms of Consumption
    10.2 Social Products, Brands und Social Commerce
    10.3 Open Leadership - Dealing with Loss of Control

Additional course material:

11. Community Management
    11.1 Orientation and Strategy
    11.2 Job Description of a Community Manager
    11.3 Community & Resource Development
    11.4 Methods and Processes
    11.5 Dealing with Special User Groups
    11.6 Administration and Performance Indicators
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<th>12. Social Media Monitoring Part 1</th>
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<td>12.2 Effects of Social Media Monitoring</td>
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<td>12.3 Tools</td>
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<td>13.1 Application Areas of Social Media Monitoring</td>
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<td>13.2 Social Media Metrics</td>
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<td>13.3 Presentation of Important KPIs (Key Performance Indicators)</td>
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<tr>
<td>14.1 Types of Blogs</td>
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<td>14.2 Advantages and Disadvantages of a Corporate Blog</td>
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<td>14.3 Editorial Planning</td>
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<th>15. Facebook - Insights Into the Largest Social Network</th>
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<td>15.1 What is a Social Network?</td>
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<td>15.2 Virality on Facebook</td>
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<td>15.3 Surfaces on Facebook</td>
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<td>15.4 Working with a Facebook Page</td>
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<td>15.5 Facebook’s News Feed and EdgeRank</td>
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<th>16. Facebook Advertising - Advertise on Facebook</th>
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<td>16.1 Basics: Auction and Algorithm</td>
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<td>16.2 Campaign Structure</td>
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<td>16.3 Targeting</td>
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<td>16.6 Optimisation and Best Practices</td>
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17. Social Media Marketing with Twitter
   17.1 Architecture of the Twitter Platform
   17.2 Functionality, User Groups and Forms of Communication
   17.3 Presentation Possibilities of Companies on Twitter
   17.4 Advertising Opportunities on Twitter
   17.5 Practical Tips and Experiences
   17.6 Best Practice Examples

18. Social Media Marketing with Youtube
   18.1 Architecture of the Platform Youtube
   18.2 Functionality, User Groups and Forms of Communication
   18.3 Representation Possibilities of Companies on Youtube
   18.4 Advertising Possibilities with Youtube
   18.5 Practical Tips and Experiences
   18.6 Best Practice Examples

19. Social Media Marketing with Instagram
   19.1 Architecture of the Instagram Platform
   19.2 Functionality, User Groups and Forms of Communication
   19.3 Representation Possibilities of Companies on Instagram
   19.4 Advertising Opportunities with Instagram
   19.5 Practical Tips and Experiences
   19.6 Best Practice Examples

20. Social Media Marketing with Pinterest
   20.1 Architecture of the Pinterest Platform
   20.2 Functionality, User Groups and Forms of Communication
   20.3 Representation Possibilities of Companies on Pinterest
   20.4 Advertising Opportunities with Pinterest
   20.5 Practical Tips and Experiences
   20.6 Best Practice Examples

21. Content Creation
   21.1 What Makes Good Content?
   21.2 Finding and Implementing Ideas for Good Content
   21.3 Create your Own Content Easily and Without Design Knowledge
   21.4 Tools and Software for Content Creation
22. Content Management and Editorial Planning
   22.1 What is Content Management?
   22.2 Why and How Content Management is Used for Social Media Platforms
   22.3 Creating and Applying Editorial Plans
   22.4 Including Statistics in Content Management

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
6. Semester
# Fundamentals of Operations Research

**Module Code:** DLBBAEFOR_E

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**Student Workload (in hours)**

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**Module Coordinator**

Prof. Dr. Florian Spitra, Prof. Dr. Jessica Hastenteufel, Prof. Dr. Regina Cordes

**Contributing Courses to Module**

- Mathematics: Linear Algebra (DLBDSMFLA01)
- Operations Research (DLBBAEFOR01_E)

**Module Exam Type**

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**Weight of Module**

see curriculum
Module Contents

Mathematics: Linear Algebra
▪ Matrix algebra
▪ Vector spaces
▪ Linear and affine transformations
▪ Analytical geometry
▪ Matrix decomposition

Operations Research
▪ Quantitative decision support
▪ Linear optimization
▪ Graph theory
▪ Network planning and project management
▪ Simulation
▪ Queuing systems

Learning Outcomes

Mathematics: Linear Algebra
On successful completion, students will be able to
▪ explain fundamental notions in the domain of linear equation systems.
▪ exemplify properties of vectors and vector spaces.
▪ summarize characteristics of linear and affine mappings.
▪ identify important relations in analytical geometry.
▪ utilize different methods for matrix decomposition.

Operations Research
On successful completion, students will be able to
▪ describe the essential methodological foundations of optimization problems and their applications in various areas.
▪ know basic procedures from the fields of decision analysis, linear optimization, and integer linear optimization.
▪ apply various methods of decision support theoretically and also tool supported.
▪ model operational planning and decision problems such as transport problems or network flow problems and understand algorithms to solve these problems effectively.
▪ know the essential properties of these algorithms and applications relevant to business management.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Methods and Planning & Controlling

Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields

www.iubh.de
Mathematics: Linear Algebra  
Course Code: DLBDSMFLA01

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Information about the examination

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Course Description

Linear algebra is a fundamental subject in mathematics. Its historical origin lies in the development of solution techniques for systems of linear equations arising from geometric problems. Numerous scientific and engineering applications can be solved using its methods. This course introduces the foundations of linear algebra and its basic notions like vectors and matrices. It then builds upon this foundation by introducing the derivation of solution techniques for problems in analytical geometry.

Course Outcomes

On successful completion, students will be able to

- explain fundamental notions in the domain of linear equation systems.
- exemplify properties of vectors and vector spaces.
- summarize characteristics of linear and affine mappings.
- identify important relations in analytical geometry.
- utilize different methods for matrix decomposition.
Contents

1. Fundamentals
   1.1 Systems of linear equations
   1.2 Matrices as compact representations of linear equations
   1.3 Matrix algebra
   1.4 Inverse and trace

2. Vector Spaces
   2.1 Definition
   2.2 Linear combination and linear dependance
   2.3 Base, span, and rank

3. Linear and affine mappings
   3.1 Matrix representations of linear mappings
   3.2 Image and kernel
   3.3 Affine spaces and sub-spaces
   3.4 Affine mappings

4. Analytical Geometry
   4.1 Norms
   4.2 Inner and dot product
   4.3 Orthogonal projections
   4.4 Rotations

5. Matrix Decomposition
   5.1 Determinant and trace
   5.2 Eigenvalues and eigenvectors
   5.3 Cholesky decomposition
   5.4 Eigenvalue decomposition and diagonalisation
   5.5 Singular value decomposition
### Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- ✔ Review Book
- ☐ Sprint
- ☐ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

### Literature

#### Further Reading
Operations Research
Course Code: DLBBAEFOR01_E

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Course Description

The term Operations Research (OR) refers to the development and application of quantitative models and methods for decision support in companies and organizations. Applications can be found in all areas of business administration, especially in production planning, supply chain management, distribution, location planning, warehousing, personnel planning and scheduling, as well as financial planning. This course introduces OR and its applications. The terminological fundamentals of the problem, model and method are presented. Further emphasis is put on graphs and basic graph algorithms. In addition, the course focuses on linear optimization, especially linear programs, simplex methods and sensitivity analysis. A special focus is the modelling of economic problems (decision, planning and optimization problems). Basic computer skills relevant for operations research are presented by means of spreadsheet calculation (esp. Microsoft Excel).
**Course Outcomes**

On successful completion, students will be able to

- describe the essential methodological foundations of optimization problems and their applications in various areas.
- know basic procedures from the fields of decision analysis, linear optimization, and integer linear optimization.
- apply various methods of decision support theoretically and also tool supported.
- model operational planning and decision problems such as transport problems or network flow problems and understand algorithms to solve these problems effectively.
- know the essential properties of these algorithms and applications relevant to business management.

**Contents**

1. Introduction to quantitative decision support
   - 1.1 Definition: Operations Research (OR) as structured problem-solving approach
   - 1.2 Terminology: models, methods and algorithms
   - 1.3 Decision Support and Decision Theory
   - 1.4 Fields and applications of OR
   - 1.5 Software applications in OR

2. Fundamentals of linear optimization
   - 2.1 Definition: linear optimization
   - 2.2 Forms and properties of linear optimization
   - 2.3 Simplex algorithm
   - 2.4 Sensitivity analysis
   - 2.5 Game theory

3. Application of linear optimization
   - 3.1 Production program planning
   - 3.2 Supply chain management
   - 3.3 Transport problem
   - 3.4 Financing and investment

4. Further optimization approaches
   - 4.1 Integer and combinatorial optimization
   - 4.2 Application: Branch-and-bound procedures and traveling salesman problems
   - 4.3 Dynamic optimization
   - 4.4 Nonlinear optimization
5. **Graph theory**
   - 5.1 Fundamentals and concepts of graph theory
   - 5.2 Structural modelling using graphs
   - 5.3 Shortest paths in graphs

6. **Network planning and project management**
   - 6.1 Elements and methods of network planning
   - 6.2 Structure and time planning as well as Gantt charts
   - 6.3 Cost and capacity planning

7. **Simulation and queuing systems**
   - 7.1 Basic types of simulation
   - 7.2 Deterministic simulation: systems and model experiments
   - 7.3 Stochastic simulation: waiting queue systems and models
   - 7.4 Applications of simulation

8. **Application: OR implementation with a spreadsheet**
   - 8.1 Integer linear optimization
   - 8.2 Shortest paths in graphs
   - 8.3 Simulation of a queue problem

### Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

### Literature
Further Reading

# Smart Factory

**Module Code:** DLBDSESF

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## Student Workload (in hours)

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## Module Coordinator

Prof. Dr. Leonardo Riccardi

## Contributing Courses to Module

- Smart Factory I (DLBDSESF01)
- Smart Factory II (DLBDSESF02)

## Module Exam Type

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<td>Smart Factory II</td>
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## Weight of Module

see curriculum
Module Contents

Smart Factory I
- Motivation and Definition of Terms
- Development of Automation
- Technological Basics and Standards
- Basic concepts of a Smart Factory
- Reference Architectures
- Smart Factory Engineering
- Safety and Security

Smart Factory II
A catalogue with the currently provided tasks is provided on the online platform of the module. It provides the content basis of the module and can be supplemented or updated by the seminar leader.

Learning Outcomes

Smart Factory I
On successful completion, students will be able to
- understand the term Smart Factory in the context of Industry 4.0.
- be able to trace the development of automation to a fully autonomous, non-centrally organized production plant.
- understand the basic technologies and standards used to design and operate a Smart Factory.
- understand the essential concepts of a Smart Factory.
- identify and differentiate between the individual elements of a Smart Factory using different reference architectures.
- understand the special engineering challenges in the Smart Energy context.
- understand the special safety risks of digitized and networked production plants and assign concrete recommendations for action.

Smart Factory II
On successful completion, students will be able to
- have a deeper understanding of the technologies and standards in the context of Smart Factory.
- apply technologies in the context of Smart Factory to a simple practical example.
- design a hardware or software prototype for a selected task.
- document, design, and develop activities in the form of a project report.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Computer Science & Software Development

Links to other Study Programs of IUBH
All Bachelor Programmes in the IT & Technology fields
Smart Factory I
Course Code: DLBDSESF01

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<td>In this course, students will gain a deeper insight into the networking and digitization of production facilities by examining a Smart Factory. For this purpose, they will be familiarized with the basic goals of a Smart Factory in the context of the research complex Industry 4.0. After a brief introduction to the history of automation, students will learn the technical basics and standards required to design and operate a Smart Factory. Building on this, they will learn how these individual technologies are used to implement the central concepts of a Smart Factory. In order to understand which components a Smart Factory consists of, different reference architectures are presented and compared. The course concludes with the special engineering challenges of an autonomously acting and decentralized production plant. Above all, this includes IT security, which is particularly relevant due to the digital networking of production facilities and products.</td>
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Course Outcomes
On successful completion, students will be able to
▪ understand the term Smart Factory in the context of Industry 4.0.
▪ be able to trace the development of automation to a fully autonomous, non-centrally organized production plant.
▪ understand the basic technologies and standards used to design and operate a Smart Factory.
▪ understand the essential concepts of a Smart Factory.
▪ identify and differentiate between the individual elements of a Smart Factory using different reference architectures.
▪ understand the special engineering challenges in the Smart Energy context.
▪ understand the special safety risks of digitized and networked production plants and assign concrete recommendations for action.

Contents
1. Motivation and Definition of Terms
   1.1 Goals of Smart Factory
   1.2 Internet of Things
   1.3 Cyber-Physical Systems
   1.4 Cyber-Physical Production Systems
   1.5 Smart Factory as a Cyber-Physical (Production) System

2. Development of Automation
   2.1 Automation Pyramid
   2.2 Networked, Decentralized Organization of Production
   2.3 Future Challenges

3. Technological Basics and Standards
   3.1 Identification of Physical Objects
   3.2 Formal Description Languages and Ontologies
   3.3 Digital Object Memory
   3.4 Physical Situation Recognition
   3.5 (Partially) Autonomous Action and Cooperation
   3.6 Human-Machine Interaction
   3.7 Machine to Machine Communication
4. Basic Concepts of a Smart Factory
   4.1 Order-Controlled Production
   4.2 Bundling of Machine and Production Data
   4.3 Supporting People in Production
   4.4 Intelligent Products and Resources
   4.5 Smart Services

5. Reference Architectures
   5.1 Purpose and Properties of Reference Architectures
   5.2 Overview of Standardization Initiatives
   5.3 CyProS Reference Architecture
   5.4 RAMI 4.0 (DIN SPEC 91345)

6. Smart Factory Engineering
   6.1 Classification of Different Engineering Tools
   6.2 Virtual Engineering
   6.3 User-Centered Design
   6.4 Requirements Engineering
   6.5 Modelling
   6.6 Integration of Classic and Smart Components

### Instructional Methods
- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ✔ Exam Template
- ☐ Review Book
- ☐ Sprint
- ☐ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

### Literature
Further Reading

Smart Factory II
Course Code: DLBDSESF02

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Course Description
In this course, students select a concrete task from the catalog of topics provided in consultation with the seminar leader. They will work on the task in a prototyping environment suited to the task, which can be either a hardware (e.g., prototyping boards) or software (e.g., technology-specific development environments) environment. To complete the task, students apply the concepts, methods, and tools taught in the Smart Factory I course. They document their results with a project report.

Course Outcomes
On successful completion, students will be able to
- have a deeper understanding of the technologies and standards in the context of Smart Factory.
- apply technologies in the context of Smart Factory to a simple practical example.
- design a hardware or software prototype for a selected task.
- document, design, and develop activities in the form of a project report.
A catalogue with the currently provided tasks is provided on the online platform of the module. It provides the content basis of the module and can be supplemented or updated by the seminar leader.

### Instructional Methods
- [ ] Course Book
- [ ] Interactive Book
- [ ] Vodcast/Shortcast
- [ ] Podcast
- [ ] Exam Template
- [ ] Review Book
- [ ] Sprint
- [x] Guidelines
- [x] Live Tutorials
- [ ] MyCampus Forum
- [ ] Piazza

### Literature

### Further Reading
# Introduction to Data Science and Programming with Python

**Module Code:** DLBBAEIDSP_E

## Module Type
see curriculum

## Admission Requirements
none

## Study Level
BA

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## Duration
- Self Study: 200 h
- Tutorial: 50 h
- Self Test: 50 h
- Hours Total: 300 h

## Module Coordinator
Prof. Dr. Thomas Zöller, Dr. Reza Shahbafzar

## Contributing Courses to Module
- Introduction to Data Science (DLBDSIDS01)
- Introduction to Programming with Python (DLBDSIPWP01)

## Module Exam Type

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## Weight of Module
see curriculum
Module Contents

Introduction to Data Science
- Introduction to Data Science
- Data
- Data Science in Business
- Statistics
- Machine Learning

Introduction to Programming with Python
- Introduction
- Variables and Data Types
- Statements
- Functions
- Errors and Exceptions
- Modules and Packages

Learning Outcomes

Introduction to Data Science
On successful completion, students will be able to
- define data science and its relation to other fields.
- comprehend data science activities.
- recognize the origins of data and the challenges of working with data.
- understand how data science methods are integrated into business settings.
- grasp fundamental statistical concepts.
- appreciate the importance of machine learning in data science.

Introduction to Programming with Python
On successful completion, students will be able to
- use fundamental Python syntax.
- recollect common elementary data types.
- recognize foundational programming concepts and their realization in Python.
- understand error handling and logging.
- create working programs.
- list the most important libraries and packages for data science.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Data Science & Artificial Intelligence

Links to other Study Programs of IUBH
All Bachelor Programmes in the IT & Technology fields
Introduction to Data Science

Course Code: DLBDSIDS01

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**Course Description**

Data science emerged as a multi-disciplinary field aimed at creating value from data. This course starts with an overview of data science and related fields and then defines data types and sources. Special focus is put on the assessment of data quality and electronic data processing. Use of data-driven methods has become vital for businesses, and this course outlines how data-driven approaches can be integrated within a business context and how operational decisions can be made using data-driven methods. Finally, this course highlights the importance of statistics and machine learning in the field of data science and gives an overview of relevant methods and approaches.
## Course Outcomes

On successful completion, students will be able to

- define data science and its relation to other fields.
- comprehend data science activities.
- recognize the origins of data and the challenges of working with data.
- understand how data science methods are integrated into business settings.
- grasp fundamental statistical concepts.
- appreciate the importance of machine learning in data science.

## Contents

1. Introduction to Data Science
   1.1 Definition of the term „data science“
   1.2 Data science and related fields
   1.3 Data science activities

2. Data
   2.1 Data types and data sources
   2.2 The 5Vs of data
   2.3 Data curation and data quality
   2.4 Data engineering

3. Data Science in Business
   3.1 Identification of use cases
   3.2 Performance evaluation
   3.3 Data-driven operational decisions
   3.4 Cognitive biases

4. Statistics
   4.1 Importance of statistics for data science
   4.2 Important statistical concepts

5. Machine Learning
   5.1 Role of machine learning in data science
   5.2 Overview of machine learning approaches
## Instructional Methods

| ☑ | Course Book |
|   | Interactive Book |
|   | Vodcast/Shortcast |
| ☑ | Podcast |
| ☐ | Exam Template |
| ☐ | Review Book |
| ☐ | Sprint |
| ☑ | Guidelines |
| ☑ | Live Tutorials |
| ☐ | MyCampus Forum |
| ☐ | Piazza |

## Literature

### Further Reading

Introduction to Programming with Python

Course Code: DLBDSIPWP01

Course Type
Online Lecture

Study Format
Fernstudium

Study Level
BA

Admission Requirements
none

Field of Studies
Data Science & Artificial Intelligence

Credit Points
5

Contact Hours (per week)

Language of Instruction
English

Student Workload (in hours)

Self Study
90 h

Tutorial
30 h

Self Test
30 h

Hours Total
150 h

Information about the examination

Examination Admission Requirements

BOLK: yes

Course Evaluation: no

Type of Exam
Exam, 90 Minuten

Course Description
This course provides students with a foundational understanding of the Python programming language. Following an introductory exposition to the importance of Python for data science-related programming tasks, students will be acquainted with fundamental programming concepts like variables, data types, and statements. Building on this basis, the important notion of a function is explained and errors, exception handling, and logging are explicated. The course concludes with an overview of the most widely-used library packages for data science.

Course Outcomes
On successful completion, students will be able to

- use fundamental Python syntax.
- recollect common elementary data types.
- recognize foundational programming concepts and their realization in Python.
- understand error handling and logging.
- create working programs.
- list the most important libraries and packages for data science.
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
## IT Service Management

**Module Code:** IWSM_E

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### Student Workload (in hours)

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### Module Coordinator

Prof. Dr. André Köhler

### Contributing Courses to Module

- IT-Service Management (DLBCSITSM01)
- Project: IT Service Management (DLBCSPITSM01)

### Module Exam Type

**Split Exam**

- IT-Service Management Exam, 90
- Project: IT Service Management Written Assessment: Project Report

### Weight of Module

see curriculum
Module Contents

IT-Service Management
- Fundamentals and Terms of IT Service Management
- IT Infrastructure Library (ITIL)
- ITIL – Service Design
- ITIL – Service Transition
- ITIL – Service Operation
- Processes in the Service Operation
- Information Security Management with the IT-Baseline Protection Framework of the BSI

Project: IT Service Management
Analysis, evaluation, and development of recommendations for taking action within the scope of concrete questions concerning aspects of IT Service Management. This is aided by the creation and planning of a project in the theoretical-theme context through all phases of project management. The quality assurance of the artefacts created is carried out both by the tutor and by students from the project groups.

Learning Outcomes

IT-Service Management
On successful completion, students will be able to
- identify the basics and challenges of IT service management.
- describe the motivation and structure of the IT Infrastructure Library (ITIL) in order to determine its main elements and distinguish concrete activities in the service life cycle.
- present and compare the activities of ITIL governance and ITIL operational processes and develop concrete solutions using these activities.

Project: IT Service Management
On successful completion, students will be able to
- analyze typical problems and company situations from the area of IT service management in different project variations.
- develop, plan, and implement proposed solutions.
- convert theory into a pragmatic approach to a solution with the help of methodical tools from IT service management and project management.
- draw and apply the right conclusions in relation to their specific project environment.
- conceptually apply their theoretical knowledge to company-specific environmental factors.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Data Science & Artificial Intelligence

Links to other Study Programs of IUBH
All Bachelor Programmes in the IT & Technology fields
## Course Description

IT Service Management is an approach to aligning and understanding a company’s IT as a service provider and supporter of operational and business processes. Quality management and the handling of daily operations are at the forefront. This course covers the use of the IT Infrastructure Library (ITIL) in order to teach concepts, procedures, and best practice in IT Service Management (IT Operations). The course therefore considers the management of activities within the SW life cycle, which take place after the development of an IT system, and IT operation as a ongoing process in the day-to-day operation of a company’s IT department.

## Course Outcomes

On successful completion, students will be able to:

- identify the basics and challenges of IT service management.
- describe the motivation and structure of the IT Infrastructure Library (ITIL) in order to determine its main elements and distinguish concrete activities in the service life cycle.
- present and compare the activities of ITIL governance and ITIL operational processes and develop concrete solutions using these activities.
## Contents

1. Fundamentals and Terms of IT Service Management  
   1.1 IT Services  
   1.2 IT Service Management  

2. IT Infrastructure Library (ITIL)  
   2.1 Service Life Cycle and Process Groups in ITIL  
   2.2 Service Strategy  
   2.3 Continual Service Improvement  

3. ITIL – Service Design  
   3.1 Service Level Management  
   3.2 Service Catalog Management  
   3.3 Availability Management  
   3.4 Further Processes in the Service Transition  

4. ITIL – Service Transition  
   4.1 Transition Planning and Support  
   4.2 Change Management  
   4.3 Service Asset and Configuration Management (SACM)  
   4.4 Further Processes in the Service Transition  

5. ITIL – Service Operation  
   5.1 Event Management  
   5.2 Incident Management  
   5.3 Problem Management  
   5.4 Further Processes in the Service Operation  

6. Information Security Management with the IT-Baseline Protection Framework of the BSI  
   6.1 Structure and Elements of BSI Basic Protection  
   6.2 The Information Security Process
## Instructional Methods

- ✓ Course Book
- ✓ Interactive Book
- ✓ Vodcast/Shortcast
- ✓ Podcast
- ✓ Exam Template
- □ Review Book
- □ Sprint
- □ Guidelines
- □ Live Tutorials
- □ MyCampus Forum
- □ Piazza

## Literature

### Further Reading

Project: IT Service Management

Course Code: DLBCSPITSM01

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Admission Requirements: none

Field of Studies: Computer Science & Software Development

Credit Points: 5

Contact Hours (per week):
- Self Study: 120 h
- Tutorial: 30 h
- Self Test: 0 h
- Hours Total: 150 h

Language of Instruction: English

Information about the examination

Examination Admission Requirements: BOLK: no
Course Evaluation: no

Type of Exam: Written Assessment: Project Report

Course Description
Based on the contents of the course “IT Service Management”, selected aspects of the core processes of ITIL are deepened, discussed, selected, and applied within the framework of a project in a concept-related manner. All theoretical methods are considered and evaluated.

Course Outcomes
On successful completion, students will be able to:

- analyze typical problems and company situations from the area of IT service management in different project variations.
- develop, plan, and implement proposed solutions.
- convert theory into a pragmatic approach to a solution with the help of methodical tools from IT service management and project management.
- draw and apply the right conclusions in relation to their specific project environment.
- conceptually apply their theoretical knowledge to company-specific environmental factors.
Contents

- Analysis, evaluation, and development of recommendations for taking action within the scope of concrete questions concerning aspects of IT Service Management. This is aided by the creation and planning of a project in the theoretical-theme context through all phases of project management.
- The quality assurance of the artefacts created is carried out both by the tutor and by students from the project groups.

Instructional Methods

- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

Literature

Further Reading

## Managing People and Fundamentals of Business Psychology

**Module Code:** DLBBAEMPFB_E

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### Student Workload (in hours)

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### Module Coordinator

Prof. Dr. Regina Cordes, Prof. Dr. Julia Pitters

### Contributing Courses to Module

- Introduction to New Work (DLBNWENW01_E)
- Business Psychology (DLB MPS01_E)

### Module Exam Type

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**Weight of Module**

see curriculum
## Module Contents

### Introduction to New Work
- Working world of the future
- Concept development
- New Work as an interdisciplinary approach
- Megatrends
- Effects of agile organization forms
- Leadership and cooperation in New Work
- Empowerment
- Competence development
- General conditions

### Business Psychology
- General Theories of Business Psychology
- Psychology of Microeconomic Processes
- Psychology of Macroeconomic Processes
- Psychology of Change
- The Learning Organization
Learning Outcomes

Introduction to New Work
On successful completion, students will be able to
▪ identify and understand the challenges of technological and societal change.
▪ transfer the emerging challenges to human resources management and the leadership culture in companies.
▪ understand the concepts of agile and fluid organizations and the resulting consequences.
▪ identify solutions for complex environmental factors on leadership and human resources management.

Business Psychology
On successful completion, students will be able to
▪ describe central economic assumptions and their influencing factors and critically question them in relation to concrete action and decision making.
▪ discuss important theories in the field of motivation, cognition and interaction and explain their significance for economic tasks and contexts.
▪ explain fundamental psychological conditioning factors and explanatory models of macroeconomic processes and phenomena and apply them to central economic issues.
▪ present the importance of work and essential influencing factors from a psychological perspective and derive operational possibilities for shaping work.
▪ differentiate essential psychological models and concepts for describing and influencing human behavior in organizations and groups.
▪ assess the possibilities and limits of the targeted development of organizations on the basis of central psychological theories and models and to develop behavioral recommendations.
▪ discuss basic psychological concepts of the learning organization and design measures for everyday working life.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Human Resources and Psychology

Links to other Study Programs of IUBH
All Bachelor Programmes in the Human Resources and Social Sciences fields
# Introduction to New Work

*Course Code: DLBNWENW01_E*

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Course Description
More and more companies leave their bureaucratic systems and hierarchical structures behind and adopt an agile style of work. Knowledge is both increasing and outdated at an increasing rate. Autonomy and creativity become of greater importance in more and more companies. Increasingly, processes and departments are set up according to agile principles. Work experiences an increasing dissolution of boundaries with both positive and negative effects. The question of how structures and corporate culture adapt better and faster to shorter innovation cycles and environmental changes affects all companies and their human resources management. It is more important than ever for knowledge and qualifications to be state of the art; consequently continuous learning needs to take a more prominent role in the work place. In the context of social and demographic change, work and organizations are moving further and further away from Taylorism and towards integral, evolutionary organizations whose work is characterized by self-management, a holistic view and meaningful tasks. This is accompanied by a change in orientation, away from bureaucracy towards democratic structures and empowerment. This course provides an introduction to the complex and contemporary theme of the new working world and work structure. Starting with a classification of the topic, we will define social megatrends as essential factors influencing human resource management and organization. Building on this, we will discuss the dipole of rigid and agile organizational structures and the resulting effects on leadership, personnel management and employees. Further, we will look at the concepts of cooperation and leadership during the implementation of new work structures and methods as well as necessary competencies. Competence development addresses how learning, attitudes and abilities are set to interact to provide companies with agile processes. Finally, we will critically reflect upon the new work concept, looking at advantages and disadvantages for those involved, predominantly in the context of legal and social conditions.

Course Outcomes
On successful completion, students will be able to
- identify and understand the challenges of technological and societal change.
- transfer the emerging challenges to human resources management and the leadership culture in companies.
- understand the concepts of agile and fluid organizations and the resulting consequences.
- identify solutions for complex environmental factors on leadership and human resources management.

Contents
1. What is New Work?
   1.1 The World of Work of the Future
   1.2 Concept Development
   1.3 New Work as an Interdisciplinary Approach
2. Megatrends
   2.1 Globalization
   2.2 Digitalization and Connectivity
   2.3 Individualization and Changing Values
   2.4 Demographic Change and Diversity

3. Organization of New Work
   3.1 Fixed Organization Forms
   3.2 Agile Organization Forms
   3.3 Effects of Agile Organization Forms

4. Leadership and Cooperation in New Work
   4.1 Empowerment
   4.2 Leadership
   4.3 New Forms of Agile Cooperation
   4.4 New Frameworks, Methods and Tools for Cooperation

5. Competence Development
   5.1 Competencies
   5.2 Settings and Mindset
   5.3 Continuous Learning

6. General Conditions and Criticism
   6.1 General Conditions
   6.2 Critical Classification of New Work

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza
### Literature

#### Further Reading

Business Psychology

Course Code: DLBMPS01_E

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Course Description

Decisions in complex situations do not follow the rules of logic, but are determined by the features of market participants’ behavior. In order to better understand this behavior and to make reliable forecasts based on it, economics is recommended to include discoveries in the field of psychology. After an introduction to business psychology and its influencing factors, students are familiarized with the various theories on motivation, cognition and interaction. This course then looks into business psychology at the macro- and microeconomic level. Students learn about the psychological view on the development of countries and societies as well as the psychology of organizations and groups. In addition, the psychology of work in relation to human resources in general and job satisfaction in particular is examined. Students learn about and understand the importance of change in organizations and the principle of the learning organization. The ability to learn faster than the competition is one of the most important competitive factors. Learning organizations promote joint and individual learning and increase employee motivation towards work.
Course Outcomes
On successful completion, students will be able to

▪ describe central economic assumptions and their influencing factors and critically question them in relation to concrete action and decision making.
▪ discuss important theories in the field of motivation, cognition and interaction and explain their significance for economic tasks and contexts.
▪ explain fundamental psychological conditioning factors and explanatory models of macroeconomic processes and phenomena and apply them to central economic issues.
▪ present the importance of work and essential influencing factors from a psychological perspective and derive operational possibilities for shaping work.
▪ differentiate essential psychological models and concepts for describing and influencing human behavior in organizations and groups.
▪ assess the possibilities and limits of the targeted development of organizations on the basis of central psychological theories and models and to develop behavioral recommendations.
▪ discuss basic psychological concepts of the learning organization and design measures for everyday working life.

Contents
1. Economic Psychology of People
   1.1 Economic Psychology
   1.2 Human Behavior in the Economy
2. Influencing Factors of Basic Economic Assumptions
   2.1 Decision-Making Theories and Decision Anomalies
   2.2 Perception and Processing of Information
   2.3 Feelings
3. Theories of Business Psychology
   3.1 Theories in the Field of Motivation
   3.2 Theories in the Field of Cognition
   3.3 Theories in the Field of Interaction
4. Psychology of Macroeconomic Processes
   4.1 Psychology of Economic Development
   4.2 Psychology of Developed Societies
   4.3 Psychology of Markets
   4.4 Psychology of Money
5. Psychology of Microeconomic Processes I
   5.1 Psychology of Work
   5.2 Psychology of the Work Force
   5.3 Psychology of Work Design
   5.4 Psychology of Job Satisfaction
   5.5 Psychology of Workload

   6.1 Psychology of Organizations
   6.2 Organizational Groups
   6.3 Organizational Power
   6.4 Organizational Conflicts
   6.5 Organizational Leadership

7. Psychology of Change
   7.1 Areas of Organizational Change
   7.2 Phases of organizational Change
   7.3 Organizational Development

8. The Learning Organization
   8.1 Systemic Thinking
   8.2 Personal Mastery
   8.3 Mental Models
   8.4 Visions
   8.5 Team Learning

**Instructional Methods**
- ☑ Course Book
- ☑ Interactive Book
- ☑ Vodcast/Shortcast
- ☑ Podcast
- ☑ Exam Template
- ☐ Review Book
- ☐ Sprint
- ☐ Guidelines
- ☑ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza
### Literature

#### Further Reading
### Applied Sales
Module Code: DLBDSEAS

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#### Module Coordinator
Prof. Dr. Patrick Geus

#### Contributing Courses to Module
- Applied Sales I (DLBDSEAS01)
- Applied Sales II (DLBDSEAS02)

#### Module Exam Type

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#### Weight of Module
see curriculum
Module Contents

Applied Sales I
- Fundamentals of Applied Sales
- The Distribution System
- Personal Sales
- Sales Plans
- New Customer Acquisition
- A Sales Visit
- Conversational Tactics
- Conducting Negotiations
- Other Sales Channels

Applied Sales II
- Marketing and Sales
- Customer Satisfaction as a Success Factor
- Personalities in Sales
- Customer-Oriented Communication
- Presentation and Rhetoric
- Customer Loyalty
- Networking
- Case Study
Learning Outcomes

Applied Sales I
On successful completion, students will be able to
▪ understand the fundamentals of applied sales and place them in the context of the company.
▪ understand the interaction of the individual facets of applied sales.
▪ differentiate between and evaluate individual sales systems.
▪ describe current sales types and sales characteristics.
▪ oversee and classify the entire sales process from customer acquisition to customer retention.
▪ understand the basics of sales and negotiation management and apply them.
▪ name the usual sales instruments, recognize their advantages and disadvantages, and reflect on essential fields of application and possibilities.

Applied Sales II
On successful completion, students will be able to
▪ understand the interaction and the respective areas of responsibility of marketing and sales.
▪ reflect on and classify the goals and measures within the framework of the applied sales system.
▪ assess the relevance of customer satisfaction and retention. In addition, the students will be familiar with the central design elements of CRM.
▪ reflect on and assess alternative approaches to customer loyalty and relationship management and apply them in business practice.
▪ understand the meaning of the terms customer life cycle and customer value, and develop approaches to manage them in the sense of the respective sales targets.
▪ use descriptive presentation techniques in order to convince customers and other sales partners.
▪ understand the relevance of networking and develop strategies to broaden the contact base.
▪ develop and evaluate their own market analyses and sales concepts on the basis of practical experience within the framework of the case study.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Marketing & Sales

Links to other Study Programs of IUBH
All Bachelor Programmes in the Marketing & Communication fields
Applied Sales I
Course Code: DLBDSEAS01

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<td>The demands on sales thinking are growing every day. Globalized demand combined with high competition is making it increasingly difficult for companies to compete for customers. At the same time, customers are becoming better informed, while traditional supply markets are saturated and at overcapacity. In order to be successful in such an environment, sales thinking and action are required along with a new type of salesperson. Within the course Applied Sales I (Introduction), the participants are familiarized with the basic concepts of applied sales. You will learn about sales organization, dealing with alternative sales channels, and get to know the dedicated sales planning process. The contents of the module are complemented by the successful acquisition of new customers, whereby particular attention is paid to the organization and implementation of customer visits and the conduct of discussions and negotiations.</td>
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www.iubh.de
## Course Outcomes

On successful completion, students will be able to

- understand the fundamentals of applied sales and place them in the context of the company.
- understand the interaction of the individual facets of applied sales.
- differentiate between and evaluate individual sales systems.
- describe current sales types and sales characteristics.
- oversee and classify the entire sales process from customer acquisition to customer retention.
- understand the basics of sales and negotiation management and apply them.
- name the usual sales instruments, recognize their advantages and disadvantages, and reflect on essential fields of application and possibilities.

## Contents

1. Fundamentals of Applied Sales and Distribution
   1.1 Tasks and Forms of Applied Distribution
   1.2 Marketing as the Basis of Sales
   1.3 Distribution, Sales, and Other Terms
   1.4 Sales in Different Economic Sectors

2. The Distribution System
   2.1 Forms of Sales
   2.2 Sales Organisation
   2.3 Key Account Management
   2.4 Multi-Channel Distribution

3. Personal Sales
   3.1 The "New Sellers"
   3.2 Requirements for Sales Personalities
   3.3 The Key Account Manager
   3.4 Task of Sales Managers

4. Sales Plan
   4.1 Tasks and Objectives of Sales Management
   4.2 Observation of Competition in the Context of Sales Management
   4.3 Potential Analyses and Sales Planning
   4.4 Sales Control and Visit Strategies
5. New Customer Acquisition
   5.1 Identification of New Customer Potential
   5.2 Customer Relationship Management and Customer Acquisition
   5.3 Trade Fairs and Events
   5.4 Networking

6. The Sales Visit
   6.1 Frequency and Preparation of Visits
   6.2 Conduct of a Visit
   6.3 Visit Reports and Follow-Up
   6.4 Aftercare and Follow-Up

7. Conversational Tactics
   7.1 Structured Conversation Preparation
   7.2 Goal-Oriented Conversation: The D.A.L.A.S Model
   7.3 Questioning Techniques

8. Conducting Negotiations
   8.1 Psychology of Negotiation
   8.2 Negotiation Structure
   8.3 Objection Handling
   8.4 Price Negotiations

9. Other Sales Channels
   9.1 Telemarketing
   9.2 Catalogue and Brochure Sales
   9.3 Internet and E-Commerce

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**Instructional Methods**
- [x] Course Book
- [x] Interactive Book
- [x] Vodcast/Shortcast
- [x] Podcast
- [x] Exam Template
- [x] Review Book
- [x] Sprint
- [ ] Guidelines
- [x] Live Tutorials
- [ ] MyCampus Forum
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# Applied Sales II

*Course Code: DLBDSEAS02*

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### Course Description

The course Applied Sales II builds on the basics taught in the course "Applied Sales I" and broadens and deepens them. First, the tension between marketing and sales is examined in more detail. Based on this, essential backgrounds and central target figures for successful sales management (e.g., customer satisfaction and loyalty as well as the customer life cycle) are derived and operationalized in order to create the basis for efficient and effective customer relationship management. As the process progresses, attention will also be paid to mental processes and consumer behavior in general. In addition, strategies and paths to successful negotiation are deepened and supplemented by convincing communication techniques. The course concludes with a case study in the course of which the students have the opportunity to apply what they have learned in a practice-oriented manner.
Course Outcomes
On successful completion, students will be able to
▪ understand the interaction and the respective areas of responsibility of marketing and sales.
▪ reflect on and classify the goals and measures within the framework of the applied sales system.
▪ assess the relevance of customer satisfaction and retention. In addition, the students will be familiar with the central design elements of CRM.
▪ reflect on and assess alternative approaches to customer loyalty and relationship management and apply them in business practice.
▪ understand the meaning of the terms customer life cycle and customer value, and develop approaches to manage them in the sense of the respective sales targets.
▪ use descriptive presentation techniques in order to convince customers and other sales partners.
▪ understand the relevance of networking and develop strategies to broaden the contact base.
▪ develop and evaluate their own market analyses and sales concepts on the basis of practical experience within the framework of the case study.

Contents
1. Marketing and Sales
   1.1 Marketing Tasks and Functions
   1.2 Sales Marketing in Different Economic Sectors
   1.3 Relationship Marketing
   1.4 International Marketing and Sales Cooperations

2. Customer Satisfaction as a Success Factor
   2.1 Customer Relationship Management (CRM)
   2.2 The CRM Success Chain
   2.3 Customer Relationship Strategies

3. Personalities in Sales
   3.1 Sales Personalities and Differentiation
   3.2 Selling in Teams
   3.3 Negotiating With Committees

4. Customer-Oriented Communication
   4.1 Communication Tasks in Sales
   4.2 Sales Promotion by Sales Staff
   4.3 Team Sales Promotion
   4.4 Sales Promotion by the Company
5. Presentation and Rhetoric
   5.1 Rhetoric in Sales
   5.2 Presentation Techniques
   5.3 Nonverbal Communication

6. Customer Loyalty
   6.1 Customer Retention Management
   6.2 Customer Programs and Other Customer Loyalty Tools
   6.3 Complaint Management

7. Networking
   7.1 Network Competencies in the Company
   7.2 Building and Shaping Relationships
   7.3 Networking via Social Media

8. Case Study in IQ Media Marketing
   8.1 The Market Situation
   8.2 The Marketing Situation
   8.3 IQ Media Marketing and IQ Digital Media Marketing

**Instructional Methods**
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

**Literature**
Further Reading

Financial Services Management  
Module Code: DLBDSEFSM

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Module Coordinator
Prof. Dr. Anke Haag

Contributing Courses to Module
- Financial Services Management I (DLBDSEFSM01)
- Financial Services Management II (DLBDSEFSM02)

Module Exam Type

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Weight of Module
see curriculum
## Module Contents

### Financial Services Management I
- Financial Markets and Financial Intermediaries
- Financial Intermediation in Germany
- Financial Services
- Debt Financing Through Financial Intermediaries
- Equity Financing Through Financial Intermediaries

### Financial Services Management II
- Fundamentals of the Monetary and Asset Situation
- Investment in Money
- Investment in Tangible Assets
- Investment Funds and Certificates
- Insurance Financial Services

## Learning Outcomes

### Financial Services Management I
On successful completion, students will be able to
- know the role of a financial service provider as a financier as well as how individual markets function in the financing sector.
- understand the basic relationships between the different financial services and their (supervisory) legal frameworks.
- evaluate the potential influence of the financial services sector on the real economy.
- familiarize themselves with the financing services offered both for external financing and for self-financing.
- assess the importance of financial services in the form of debt and equity financing in the short, medium, and long term.

### Financial Services Management II
On successful completion, students will be able to
- systematize the different possibilities for the investment of financial surpluses.
- with the help of knowledge gained regarding conflicts involved in making financial investments, apply different aspects of investment decision-making to financial instruments.
- assess the various forms of investment in order of their safety.
- analyze the various forms of investment in terms of risk and return.
- understand that investment funds, certificates, and derivatives are modern products of financial service providers, which bring high returns and sometimes high risk.

## Links to other Modules within the Study Program
This module is similar to other modules in the fields of Finance & Tax Accounting

## Links to other Study Programs of IUBH
All Bachelor Programmes in the Business & Management fields
Financial Services Management I
Course Code: DLBDSEFSM01

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Course Description
The course explains the origin and constitution of the financial market. As a result of the imperfection of the financial market, the necessity of financial intermediaries is theoretically derived, which leads to the thesis of disintermediation. Since the German financial market is determined by regulations and supervision, the legal framework is discussed. The financial services of banks and other specialized financial intermediaries are presented. The main forms of debt financing through financial intermediaries are presented as well as financing with equity capital.
### Course Outcomes

On successful completion, students will be able to

- know the role of a financial service provider as a financier as well as how individual markets function in the financing sector.
- understand the basic relationships between the different financial services and their (supervisory) legal frameworks.
- evaluate the potential influence of the financial services sector on the real economy.
- familiarize themselves with the financing services offered both for external financing and for self-financing.
- assess the importance of financial services in the form of debt and equity financing in the short, medium, and long term.

### Contents

1. Financial Markets and Financial Intermediaries
   - 1.1 Origin and Basic Problems of the Financial Market
   - 1.2 Appearances and Functions of Financial Intermediaries
   - 1.3 The Thesis of Disintermediation in Finance

2. Financial Intermediation in Germany
   - 2.1 The Banking System in Germany
   - 2.2 Capital Management Companies and Insurance Companies
   - 2.3 Regulations and Supervision

3. Financial Services
   - 3.1 Financing Needs
   - 3.2 The Range of Financial Services
   - 3.3 Lending and Collateralization

4. Debt Financing Through Financial Intermediaries
   - 4.1 Short-Term Loans as a Financing Service
   - 4.2 Medium and Long-Term Loans as Financial Services
   - 4.3 Credit Substitutes

5. Equity Financing Through Financial Intermediaries
   - 5.1 Equity Financing Through Capital Participation and Venture Financing Companies
   - 5.2 Services in Connection With Issue Financing
**Instructional Methods**

☑ Course Book  
☑ Interactive Book  
☑ Vodcast/Shortcast  
☑ Podcast  
☑ Exam Template  
☐ Review Book  
☐ Sprint  
☐ Guidelines  
☑ Live Tutorials  
☐ MyCampus Forum  
☐ Piazza

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**Literature**

**Further Reading**

### Financial Services Management II

**Course Code:** DLBDSEFSM02

#### Course Description
In this course, the different possibilities of investing financial surpluses are systematized. The conflicting relationship between the risks, returns, and liquidity of a financial investment are presented, and the different aspects of decision-making for investment in one of the financial instruments are shown. The various forms of investment (monetary values, tangible assets) are presented in the order of their security. The functions that insurance companies perform as financial service providers complete the picture. The different forms of life insurance and their role in old-age provision are presented.

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**Information about the examination**

**Examination Admission Requirements**

- **BOLK:** yes
- **Course Evaluation:** no

**Type of Exam**

Module Exam
Course Outcomes
On successful completion, students will be able to

- systematize the different possibilities for the investment of financial surpluses.
- with the help of knowledge gained regarding conflicts involved in making financial investments, apply different aspects of investment decision-making to financial instruments.
- assess the various forms of investment in order of their safety.
- analyze the various forms of investment in terms of risk and return.
- understand that investment funds, certificates, and derivatives are modern products of financial service providers, which bring high returns and sometimes high risk.

Contents

1. Basic Information on Investing Money and Assets
   1.1 Basic Concepts of Money and Asset Investment
   1.2 Framework Conditions for Decisions on Plants
   1.3 Investment Products

2. Investment in Money
   2.1 Investment in Accounts
   2.2 Savings Bonds
   2.3 Fixed-Interest Securities

3. Investment in Tangible Assets
   3.1 Shares
   3.2 Stock Exchange Trading
   3.3 Investment in Real Estate

4. Investment Funds and Certificates
   4.1 Mutual Funds
   4.2 Fund of Funds and Hedge Funds
   4.3 Derivatives

5. Insurance Financial Services
   5.1 Fundamentals of the Insurance Industry
   5.2 The Life Insurances
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
## Business Intelligence

**Module Code:** DLBCSEBI

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### Module Coordinator

Prof. Dr. Marian Benner-Wickner

### Contributing Courses to Module

- Business Intelligence I (DLBCSEBI01)
- Project: Business Intelligence (DLBCSEBI02)

### Module Exam Type

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### Weight of Module

see curriculum
Module Contents

**Business Intelligence I**
- Basics of mobile software development
- Android system architecture
- Development environment
- Core components of an Android app
- Interaction between application components
- Advanced techniques

**Project: Business Intelligence**
Conception, implementation, and documentation of small, mobile applications on the basis of a concrete task.

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<td>This module is similar to other modules in the fields of Computer Science &amp; Software Development</td>
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**Learning Outcomes**

**Business Intelligence I**
On successful completion, students will be able to
- explain the motivation, use cases, and basics of Business Intelligence.
- identify and explain techniques and methods for providing and modeling data, as well as types of data relevant to BI, differentiating between them.
- explain techniques and methods for the generation and storage of information and independently select suitable methods on the basis of concrete requirements.

**Project: Business Intelligence**
On successful completion, students will be able to
- independently design a solution to a practical problem in the field of Business Intelligence in order to then implement a prototype and document the results.
- identify and explain typical problems and challenges in the design and practical implementation of small BI solutions.
Business Intelligence I
Course Code: DLBCSEBI01

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Student Workload (in hours)

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Course Description
Business Intelligence (BI) is used to obtain information from company data that is relevant for targeted corporate management and the optimization of business activities. This course introduces and discusses techniques, procedures, and models for data provision, information generation, and analysis, as well the distribution of the information obtained. You will then be able to explain the various subject areas of data warehousing and independently select methods and techniques to meet specific requirements.

Course Outcomes
On successful completion, students will be able to
- explain the motivation, use cases, and basics of Business Intelligence.
- identify and explain techniques and methods for providing and modeling data, as well as types of data relevant to BI, differentiating between them.
- explain techniques and methods for the generation and storage of information and independently select suitable methods on the basis of concrete requirements.
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature
Further Reading

Project: Business Intelligence
Course Code: DLBCSEBI02

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Information about the examination

Examination Admission Requirements
BOLK: no
Course Evaluation: no

Type of Exam
Written Assessment: Project Report

Course Description
Using well-known methods and techniques from the field of Business Intelligence, students will work independently on a practical question in this course. At the end of the course, you will be able to independently design and prototype Business Intelligence applications based on concrete requirements.

Course Outcomes
On successful completion, students will be able to
- independently design a solution to a practical problem in the field of Business Intelligence in order to then implement a prototype and document the results.
- identify and explain typical problems and challenges in the design and practical implementation of small BI solutions.
Contents

- Implementation and documentation of practical questions regarding the use of Business Intelligence applications. Typical scenarios are, for example, “Management of BI projects”, “Design of multidimensional data models” and “Prototypical implementation of small BI applications”.

Instructional Methods

- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

Literature

Further Reading

## Online and Social Media Marketing

**Module Code:** DLBMSM_E

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**Module Coordinator**

Prof. Dr. Maren Weber

**Contributing Courses to Module**

- Online Marketing (DLBMSM01_E)
- Social Media Marketing (DLBMSM02_E)

**Module Exam Type**

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**Weight of Module**

see curriculum
Module Contents

Online Marketing
- Basics of Online Marketing
- Forms and Channels of Online Marketing
- Online Marketing Strategy
- Online Media Planning
- Advantages and Problems of a Web Presence
- Viral Marketing and Word-of-mouth
- Mobile Marketing and M-Commerce
- Internet Law
- Online Customer Retention and Service
- Measurement and Evaluation of Online Marketing Programs

Social Media Marketing
- Basics of Social Media Marketing
- Social Media Marketing in the Overall Marketing Mix
- Social Media Map
- Social Media in the Company
- Social Media Strategy Development
- Word-of-mouth and Viral Marketing
- Social Media in Innovation Management
- Collaborations, Business Networks and Social Recruiting
- Legal Framework of Social Media
- Developments in Social Media Marketing

Learning Outcomes

Online Marketing
On successful completion, students will be able to
- know and evaluate different online marketing channels.
- design an online marketing strategy.
- win and retain customers through online marketing measures.
- measure and evaluate online marketing programs.
- make initial strategic decisions in the area of online marketing.

Social Media Marketing
On successful completion, students will be able to
- integrate social media marketing into the overall marketing mix.
- develop a social media strategy.
- evaluate the different social media channels (Facebook, Instagram...)
- use social media for innovation management and networks.
- assess global marketing opportunities of companies in the social media sector and make initial strategic decision.
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Online Marketing
Course Code: DLBMSM01_E

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**Course Description**

This course uses the basics of business and economic principles to enable the participant to strategically deal with the topic of online marketing. Strategic positioning of companies in the World Wide Web, optimization of presences as well as the measurement of success and evaluation of relevant key figures form the uniform basis for the module. The course Online Marketing teaches technical terms and concepts of electronic business transactions and deals with different forms of marketing and their online distribution. It expands the understanding of online marketing with elements of strategic and operational marketing, especially the planning and implementation of advertising campaigns via sales channels. After understanding the behavior of online customers, this course will discuss tactics to increase customer figures and online campaigns and the importance of online relationships. This course offers students the opportunity to learn about and implement various aspects of online marketing management in practice. You will learn how to evaluate online media planning through web analytics and targeted monitoring. Furthermore, we will address the optimization of the online strategy to increase lead and conversion rates.
### Course Outcomes

On successful completion, students will be able to
- know and evaluate different online marketing channels.
- design an online marketing strategy.
- win and retain customers through online marketing measures.
- measure and evaluate online marketing programs.
- make initial strategic decisions in the area of online marketing.

### Contents

1. Basics of Online Marketing
   - 1.1 Concept and Development of Online Marketing
   - 1.2 The Role of Online Marketing in the Marketing Mix
   - 1.3 Organizational Requirements

2. Types and Channels of Online Marketing
   - 2.1 Types of Online Marketing
   - 2.2 Affiliate and Search Engine Marketing
   - 2.3 On-Screen Advertising and E-mail Marketing

3. Online Marketing Strategy
   - 3.1 Setting Goals and Creating a Foundation
   - 3.2 The Customer’s Journey
   - 3.3 The Optimal Channel Mix
   - 3.4 Define and Analyze KPIs

4. Online Media Planning
   - 4.1 Principles of Successful Media Planning
   - 4.2 Targeted Media Budgets – Creation and Structure
   - 4.3 Advantages of Integrated Campaigns
   - 4.4 Successful Media Mix through Campaign Management

5. Advantages and Problems of a Web Presence
   - 5.1 The Corporate Website
   - 5.2 Advantages of Online Trading
   - 5.3 Possibilities of Presentation and Dissemination of Products / Services
   - 5.4 Shortcomings of Web-based Marketing Strategies
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<td>Set up, Read and Optimize Web Analytics and Monitoring</td>
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12. Managing Your Own Website
   12.1 Overview of Traders
   12.2 Briefing Service Providers
   12.3 Project Management
   12.4 Principles of Design and Information Architecture
   12.5 Decision Making and Technology
   12.6 Usability

13. Conversion Optimization
   13.1 The Best Traffic Strategies
   13.2 Psychological Accelerators
   13.3 Landingpage Optimization
   13.4 Layout and Typography
   13.5 Mobile Landing Pages
   13.6 Testing Methods

14. Search Engine Marketing I, SEA
   14.1 Searching Around the World – Google, Bing, Yahoo, Yandex, Baidu...
   14.2 Matching Business Models and Target Groups through Search Engines
   14.3 Search Engines and Search Engine Advertising (SEA)
   14.4 Search Behavior through the Lens of (Mobile) Technology Development
   14.5 SEA Communication and Campaign Strategies
   14.6 Building Ad and Keyword Corpora

15. Search Engine Marketing Part II, SEO
   15.1 Search Engine Optimization (SEO) on Your Own Website
   15.2 SEO Outside Your Own Website: Link Building
   15.3 Current Developments in the Field of SEO

16. On-Screen Advertising
   16.1 Matching Format with Purpose
   16.2 Design Guidelines in Screen Advertising
   16.3 Contemporary Special Formats
   16.4 Data Driven Display und Real Time Bidding
### 17. Email Marketing 1 & 2 (2 parts of 45 minutes)
- **17.1** Forms of Application of E-mail Marketing
- **17.2** Handling of E-mail Addresses
- **17.3** Communication Planning and Conceptualization
- **17.4** Target Groups
- **17.5** Sender and Subject, Content, Design and Dispatch
- **17.6** Tracking, Analysis and Optimization
- **17.7** Technical Implementation

### 18. Mobile Marketing and M-Commerce
- **18.1** Apps vs. Mobile Web
- **18.2** Opportunities, Costs and Benefits of Mobile Services
- **18.3** Creating Concepts under Marketing Aspects
- **18.4** Background and Rules for Successful Mobile Campaigns
- **18.5** Integration into the Marketing Mix
- **18.6** QR Code Marketing & In-App Advertising

### 19. Affiliate Marketing
- **19.1** Basics of Affiliate Marketing
- **19.2** Integration into the Typical Marketing Mix
- **19.3** Budget Control
- **19.4** Use of Advertising Material
- **19.5** Communication With Affiliate Partners
- **19.6** Dos and Don'ts in Affiliate Marketing

### 20. Cooperation with Agencies
- **20.1** Professional Selection Procedures for Online Marketing Agencies
- **20.2** Agency Arrangements: Most Important Rules for an Impartial Drafting Process
- **20.3** Between Trust and Control: Dealing with Agencies
- **20.4** Making Daily Business Strategically and Operationally Meaningful
### Instructional Methods

- ✔ Course Book
- ✔ Interactive Book
- ✔ Vodcast/Shortcast
- ✔ Podcast
- ☐ Exam Template
- ☐ Review Book
- ☐ Sprint
- ✔ Guidelines
- ✔ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

### Literature

#### Further Reading

# Social Media Marketing

Course Code: DLBMSM02_E

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## Course Description

This course uses the basics of online communication strategies in networks to enable the participant to examine the topic of social media marketing. The instruments of today's social media marketing and their channels will be examined in detail in order to use them specifically for further marketing measures and success-oriented strategies. The strategic positioning of a company in the social media sector plays a central role, as does the integration of social media as an additional service component in the online marketing mix. This course actively considers the topic of social media management. Social media channels such as Facebook, Instagram, Pinterest, etc. are examined more closely in order to use them specifically for further marketing measures and success-oriented strategies. The Social Media Management course introduces concepts such as developing a social media strategy for companies. It deals with the use and monitoring of various social media channels with a focus on practical usability. The course also teaches content creation, content management and editorial planning, covers all social media topics and deals with them in a practical way.
Course Outcomes
On successful completion, students will be able to
▪ integrate social media marketing into the overall marketing mix.
▪ develop a social media strategy.
▪ evaluate the different social media channels (Facebook, Instagram...)
▪ use social media for innovation management and networks.
▪ assess global marketing opportunities of companies in the social media sector and make initial strategic decision.

Contents
1. Basics of Social Media Marketing
   1.1 Development of Social Media and the Concept of Social Media Marketing
   1.2 Functionality, Types and Fields of Application of Social Media Marketing
   1.3 Typology and Activities of Social Media Users
   1.4 Goals of Social Media Marketing

2. Social Media Marketing in the Overall Marketing Mix
   2.1 Opportunities and Risks of Social Media
   2.2 Groundswell’s POST Method
   2.3 Integration into the Classic Marketing Mix
   2.4 Social Media as a Service Channel

3. Social Media Map
   3.1 Overview of the Social Media Map
   3.2 Profiles of the Most Relevant Social Media Channels
   3.3 Target Groups/User Groups

4. Social Media in the Company
   4.1 Role of the Social Media Manager in the Company
   4.2 Types of Social Media Strategies in the Company
   4.3 Social Media Governance

5. Social Media Strategy Development
   5.1 What is a Strategy? Definitions
   5.2 Objectives of a Strategy
   5.3 Stages of Social Media Strategy Development
6. Word-of-Mouth and Viral Marketing
   6.1 Definition and Functionality of WoM
   6.2 Importance of Multipliers and Opinion Leaders
   6.3 Creation of a WoM Campaign and its Success Control
   6.4 Viral Campaigns and the Social Ripple Effect
   6.5 Online Reputation Management, Crisis Management and PR 2.0

7. Social Media in Innovation Management
   7.1 Introduction to Crowdsourcing
   7.2 Innovations through Interactive Value Creation, Lead Users and Social Media Intelligence
   7.3 Social Media as an Instrument of Qualitative Market Research

8. Collaborations, Business Networks and Social Recruiting
   8.1 Types and Functioning of Business Networks
   8.2 Possibility of Integrating Social Business Networking Using XING
   8.3 Social Media Recruiting

9. Legal Framework of Social Media
   9.1 Legal Framework of Social Media
   9.2 User-Generated Content
   9.3 Social Media Guidelines
   9.4 The "Like Button" - Legal Conditions for Social Ads

10. Developments in Social Media Marketing
    10.1 Social Change - New Forms of Consumption
    10.2 Social Products, Brands und Social Commerce
    10.3 Open Leadership - Dealing with Loss of Control
    Additional course material:

11. Community Management
    11.1 Orientation and Strategy
    11.2 Job Description of a Community Manager
    11.3 Community & Resource Development
    11.4 Methods and Processes
    11.5 Dealing with Special User Groups
    11.6 Administration and Performance Indicators
12. Social Media Monitoring Part 1
   12.1 Overview of Social Media Metrics
   12.2 Effects of Social Media Monitoring
   12.3 Tools
   12.4 Overview of Free and Fee-based Monitoring Tools
   12.5 Measurement Methodology and Procedure

13. Social Media Monitoring Part 2
   13.1 Application Areas of Social Media Monitoring
   13.2 Social Media Metrics
   13.3 Presentation of Important KPI’s (Key Performance Indicators)
   13.4 Practical Examples

14. Corporate Blogging
   14.1 Types of Blogs
   14.2 Advantages and Disadvantages of a Corporate Blog
   14.3 Editorial Planning
   14.4 Budget Planning and Scheduling
   14.5 Blog Marketing

15. Facebook - Insights Into the Largest Social Network
   15.1 What is a Social Network?
   15.2 Virality on Facebook
   15.3 Surfaces on Facebook
   15.4 Working with a Facebook Page
   15.5 Facebook’s News Feed and EdgeRank
   15.6 Communication Events

16. Facebook Advertising - Advertise on Facebook
   16.1 Basics: Auction and Algorithm
   16.2 Campaign Structure
   16.3 Targeting
   16.4 Bidding
   16.5 Tracking
   16.6 Optimisation and Best Practices
17. Social Media Marketing with Twitter
   17.1 Architecture of the Twitter Platform
   17.2 Functionality, User Groups and Forms of Communication
   17.3 Presentation Possibilities of Companies on Twitter
   17.4 Advertising Opportunities on Twitter
   17.5 Practical Tips and Experiences
   17.6 Best Practice Examples

18. Social Media Marketing with Youtube
   18.1 Architecture of the Platform Youtube
   18.2 Functionality, User Groups and Forms of Communication
   18.3 Representation Possibilities of Companies on Youtube
   18.4 Advertising Possibilities with Youtube
   18.5 Practical Tips and Experiences
   18.6 Best Practice Examples

19. Social Media Marketing with Instagram
   19.1 Architecture of the Instagram Platform
   19.2 Functionality, User Groups and Forms of Communication
   19.3 Representation Possibilities of Companies on Instagram
   19.4 Advertising Opportunities with Instagram
   19.5 Practical Tips and Experiences
   19.6 Best Practice Examples

20. Social Media Marketing with Pinterest
   20.1 Architecture of the Pinterest Platform
   20.2 Functionality, User Groups and Forms of Communication
   20.3 Representation Possibilities of Companies on Pinterest
   20.4 Advertising Opportunities with Pinterest
   20.5 Practical Tips and Experiences
   20.6 Best Practice Examples

21. Content Creation
   21.1 What Makes Good Content?
   21.2 Finding and Implementing Ideas for Good Content
   21.3 Create your Own Content Easily and Without Design Knowledge
   21.4 Tools and Software for Content Creation
22. Content Management and Editorial Planning
   22.1 What is Content Management?
   22.2 Why and How Content Management is Used for Social Media Platforms
   22.3 Creating and Applying Editorial Plans
   22.4 Including Statistics in Content Management

**Instructional Methods**
- ☑ Course Book
- ☑ Interactive Book
- ☐ Vodcast/Shortcast
- ☑ Podcast
- ☑ Exam Template
- ☐ Review Book
- ☐ Sprint
- ☑ Guidelines
- ☑ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

**Literature**

**Further Reading**
# Fundamentals of Operations Research

**Module Code:** DLBBAEFOR_E

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# Module Contents

**Mathematics: Linear Algebra**
- Matrix algebra
- Vector spaces
- Linear and affine transformations
- Analytical geometry
- Matrix decomposition

**Operations Research**
- Quantitative decision support
- Linear optimization
- Graph theory
- Network planning and project management
- Simulation
- Queuing systems

### Learning Outcomes

**Mathematics: Linear Algebra**
On successful completion, students will be able to
- explain fundamental notions in the domain of linear equation systems.
- exemplify properties of vectors and vector spaces.
- summarize characteristics of linear and affine mappings.
- identify important relations in analytical geometry.
- utilize different methods for matrix decomposition.

**Operations Research**
On successful completion, students will be able to
- describe the essential methodological foundations of optimization problems and their applications in various areas.
- know basic procedures from the fields of decision analysis, linear optimization, and integer linear optimization.
- apply various methods of decision support theoretically and also tool supported.
- model operational planning and decision problems such as transport problems or network flow problems and understand algorithms to solve these problems effectively.
- know the essential properties of these algorithms and applications relevant to business management.

### Links to other Modules within the Study Program

This module is similar to other modules in the fields of Methods and Planning & Controlling

### Links to other Study Programs of IUBH

All Bachelor Programmes in the Business & Management fields

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www.iubh.de
Mathematics: Linear Algebra
Course Code: DLBDSMFLA01

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Course Description
Linear algebra is a fundamental subject in mathematics. Its historical origin lies in the development of solution techniques for systems of linear equations arising from geometric problems. Numerous scientific and engineering applications can be solved using its methods. This course introduces the foundations of linear algebra and its basic notions like vectors and matrices. It then builds upon this foundation by introducing the derivation of solution techniques for problems in analytical geometry.

Course Outcomes
On successful completion, students will be able to
- explain fundamental notions in the domain of linear equation systems.
- exemplify properties of vectors and vector spaces.
- summarize characteristics of linear and affine mappings.
- identify important relations in analytical geometry.
- utilize different methods for matrix decomposition.
### Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Live Tutorials
- Guidelines
- MyCampus Forum
- Piazza

### Literature

#### Further Reading
# Operations Research

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### Course Description

The term Operations Research (OR) refers to the development and application of quantitative models and methods for decision support in companies and organizations. Applications can be found in all areas of business administration, especially in production planning, supply chain management, distribution, location planning, warehousing, personnel planning and scheduling, as well as financial planning. This course introduces OR and its applications. The terminological fundamentals of the problem, model and method are presented. Further emphasis is put on graphs and basic graph algorithms. In addition, the course focuses on linear optimization, especially linear programs, simplex methods and sensitivity analysis. A special focus is the modelling of economic problems (decision, planning and optimization problems). Basic computer skills relevant for operations research are presented by means of spreadsheet calculation (esp. Microsoft Excel).
### Course Outcomes

On successful completion, students will be able to

- describe the essential methodological foundations of optimization problems and their applications in various areas.
- know basic procedures from the fields of decision analysis, linear optimization, and integer linear optimization.
- apply various methods of decision support theoretically and also tool supported.
- model operational planning and decision problems such as transport problems or network flow problems and understand algorithms to solve these problems effectively.
- know the essential properties of these algorithms and applications relevant to business management.

### Contents

1. Introduction to quantitative decision support
   - 1.1 Definition: Operations Research (OR) as structured problem-solving approach
   - 1.2 Terminology: models, methods and algorithms
   - 1.3 Decision Support and Decision Theory
   - 1.4 Fields and applications of OR
   - 1.5 Software applications in OR

2. Fundamentals of linear optimization
   - 2.1 Definition: linear optimization
   - 2.2 Forms and properties of linear optimization
   - 2.3 Simplex algorithm
   - 2.4 Sensitivity analysis
   - 2.5 Game theory

3. Application of linear optimization
   - 3.1 Production program planning
   - 3.2 Supply chain management
   - 3.3 Transport problem
   - 3.4 Financing and investment

4. Further optimization approaches
   - 4.1 Integer and combinatorial optimization
   - 4.2 Application: Branch-and-bound procedures and traveling salesman problems
   - 4.3 Dynamic optimization
   - 4.4 Nonlinear optimization
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<td>6.2 Structure and time planning as well as Gantt charts</td>
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<td>7.1 Basic types of simulation</td>
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<td>7.2 Deterministic simulation: systems and model experiments</td>
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<td>7.3 Stochastic simulation: waiting queue systems and models</td>
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**Instructional Methods**

- [X] Course Book
- [X] Interactive Book
- [X] Vodcast/Shortcast
- [X] Podcast
- [X] Exam Template
- [ ] Review Book
- [ ] Sprint
- [X] Guidelines
- [X] Live Tutorials
- [ ] MyCampus Forum
- [ ] Piazza

**Literature**
Further Reading

## Smart Factory
**Module Code:** DLBDSESF

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**Module Coordinator**
Prof. Dr. Leonardo Riccardi

**Contributing Courses to Module**
- Smart Factory I (DLBDSESF01)
- Smart Factory II (DLBDSESF02)

**Module Exam Type**

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**Weight of Module**
see curriculum
Module Contents

Smart Factory I
- Motivation and Definition of Terms
- Development of Automation
- Technological Basics and Standards
- Basic concepts of a Smart Factory
- Reference Architectures
- Smart Factory Engineering
- Safety and Security

Smart Factory II
A catalogue with the currently provided tasks is provided on the online platform of the module. It provides the content basis of the module and can be supplemented or updated by the seminar leader.

Learning Outcomes

Smart Factory I
On successful completion, students will be able to
- understand the term Smart Factory in the context of Industry 4.0.
- be able to trace the development of automation to a fully autonomous, non-centrally organized production plant.
- understand the basic technologies and standards used to design and operate a Smart Factory.
- understand the essential concepts of a Smart Factory.
- identify and differentiate between the individual elements of a Smart Factory using different reference architectures.
- understand the special engineering challenges in the Smart Energy context.
- understand the special safety risks of digitized and networked production plants and assign concrete recommendations for action.

Smart Factory II
On successful completion, students will be able to
- have a deeper understanding of the technologies and standards in the context of Smart Factory.
- apply technologies in the context of Smart Factory to a simple practical example.
- design a hardware or software prototype for a selected task.
- document, design, and develop activities in the form of a project report.

Links to other Modules within the Study Program
This module is similar to other modules in the fields of Computer Science & Software Development

Links to other Study Programs of IUBH
All Bachelor Programmes in the IT & Technology fields
Smart Factory I
Course Code: DLBDSESF01

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Course Description
In this course, students will gain a deeper insight into the networking and digitization of production facilities by examining a Smart Factory. For this purpose, they will be familiarized with the basic goals of a Smart Factory in the context of the research complex Industry 4.0. After a brief introduction to the history of automation, students will learn the technical basics and standards required to design and operate a Smart Factory. Building on this, they will learn how these individual technologies are used to implement the central concepts of a Smart Factory. In order to understand which components a Smart Factory consists of, different reference architectures are presented and compared. The course concludes with the special engineering challenges of an autonomously acting and decentralized production plant. Above all, this includes IT security, which is particularly relevant due to the digital networking of production facilities and products.
Course Outcomes
On successful completion, students will be able to

▪ understand the term Smart Factory in the context of Industry 4.0.
▪ be able to trace the development of automation to a fully autonomous, non-centrally organized production plant.
▪ understand the basic technologies and standards used to design and operate a Smart Factory.
▪ understand the essential concepts of a Smart Factory.
▪ identify and differentiate between the individual elements of a Smart Factory using different reference architectures.
▪ understand the special engineering challenges in the Smart Energy context.
▪ understand the special safety risks of digitized and networked production plants and assign concrete recommendations for action.

Contents
1. Motivation and Definition of Terms
   1.1 Goals of Smart Factory
   1.2 Internet of Things
   1.3 Cyber-Physical Systems
   1.4 Cyber-Physical Production Systems
   1.5 Smart Factory as a Cyber-Physical (Production) System

2. Development of Automation
   2.1 Automation Pyramid
   2.2 Networked, Decentralized Organization of Production
   2.3 Future Challenges

3. Technological Basics and Standards
   3.1 Identification of Physical Objects
   3.2 Formal Description Languages and Ontologies
   3.3 Digital Object Memory
   3.4 Physical Situation Recognition
   3.5 (Partially) Autonomous Action and Cooperation
   3.6 Human-Machine Interaction
   3.7 Machine to Machine Communication
4. Basic Concepts of a Smart Factory
   4.1 Order-Controlled Production
   4.2 Bundling of Machine and Production Data
   4.3 Supporting People in Production
   4.4 Intelligent Products and Resources
   4.5 Smart Services

5. Reference Architectures
   5.1 Purpose and Properties of Reference Architectures
   5.2 Overview of Standardization Initiatives
   5.3 CyProS Reference Architecture
   5.4 RAMI 4.0 (DIN SPEC 91345)

6. Smart Factory Engineering
   6.1 Classification of Different Engineering Tools
   6.2 Virtual Engineering
   6.3 User-Centered Design
   6.4 Requirements Engineering
   6.5 Modelling
   6.6 Integration of Classic and Smart Components

Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

www.iubh.de
Further Reading

Smart Factory II
Course Code: DLBDSESF02

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**Type of Exam**

- Written Assessment: Project Report

**Course Description**

In this course, students select a concrete task from the catalog of topics provided in consultation with the seminar leader. They will work on the task in a prototyping environment suited to the task, which can be either a hardware (e.g., prototyping boards) or software (e.g., technology-specific development environments) environment. To complete the task, students apply the concepts, methods, and tools taught in the Smart Factory I course. They document their results with a project report.

**Course Outcomes**

On successful completion, students will be able to:

- have a deeper understanding of the technologies and standards in the context of Smart Factory.
- apply technologies in the context of Smart Factory to a simple practical example.
- design a hardware or software prototype for a selected task.
- document, design, and develop activities in the form of a project report.
Contents
- A catalogue with the currently provided tasks is provided on the online platform of the module. It provides the content basis of the module and can be supplemented or updated by the seminar leader.

Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

Literature

Further Reading
## Introduction to Data Science and Programming with Python

**Module Code:** DLBBAEIDSP_E

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**Module Coordinator**
Prof. Dr. Thomas Zöller, Dr. Reza Shahbafzar

### Contributing Courses to Module
- Introduction to Data Science (DLBDSIDS01)
- Introduction to Programming with Python (DLBDSIPWP01)

### Module Exam Type

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**Weight of Module**
see curriculum
Module Contents

**Introduction to Data Science**
- Introduction to Data Science
- Data
- Data Science in Business
- Statistics
- Machine Learning

**Introduction to Programming with Python**
- Introduction
- Variables and Data Types
- Statements
- Functions
- Errors and Exceptions
- Modules and Packages

**Learning Outcomes**

**Introduction to Data Science**
On successful completion, students will be able to
- define data science and its relation to other fields.
- comprehend data science activities.
- recognize the origins of data and the challenges of working with data.
- understand how data science methods are integrated into business settings.
- grasp fundamental statistical concepts.
- appreciate the importance of machine learning in data science.

**Introduction to Programming with Python**
On successful completion, students will be able to
- use fundamental Python syntax.
- recollect common elementary data types.
- recognize foundational programming concepts and their realization in Python.
- understand error handling and logging.
- create working programs.
- list the most important libraries and packages for data science.

**Links to other Modules within the Study Program**
This module is similar to other modules in the fields of Data Science & Artificial Intelligence

**Links to other Study Programs of IUBH**
All Bachelor Programmes in the IT & Technology fields
Introduction to Data Science
Course Code: DLBDSIDS01

Course Type
Online Lecture

Study Format
Fernstudium

Study Level
BA

Admission Requirements
none

Field of Studies
Data Science & Artificial Intelligence

Credit Points
5

Contact Hours (per week)
Self Study: 20 h

Language of Instruction
English

Self Test: 20 h

Hours Total: 150 h

Student Workload (in hours)

Self Study: 110 h

Tutorial: 20 h

Self Test: 20 h

Information about the examination

Examination Admission Requirements
BOLK: yes

Course Evaluation: no

Type of Exam
Oral Assignment

Course Description
Data science emerged as a multi-disciplinary field aimed at creating value from data. This course starts with an overview of data science and related fields and then defines data types and sources. Special focus is put on the assessment of data quality and electronic data processing. Use of data-driven methods has become vital for businesses, and this course outlines how data-driven approaches can be integrated within a business context and how operational decisions can be made using data-driven methods. Finally, this course highlights the importance of statistics and machine learning in the field of data science and gives an overview of relevant methods and approaches.
## Course Outcomes

On successful completion, students will be able to

- define data science and its relation to other fields.
- comprehend data science activities.
- recognize the origins of data and the challenges of working with data.
- understand how data science methods are integrated into business settings.
- grasp fundamental statistical concepts.
- appreciate the importance of machine learning in data science.

## Contents

1. Introduction to Data Science
   1.1 Definition of the term „data science“
   1.2 Data science and related fields
   1.3 Data science activities

2. Data
   2.1 Data types and data sources
   2.2 The 5Vs of data
   2.3 Data curation and data quality
   2.4 Data engineering

3. Data Science in Business
   3.1 Identification of use cases
   3.2 Performance evaluation
   3.3 Data-driven operational decisions
   3.4 Cognitive biases

4. Statistics
   4.1 Importance of statistics for data science
   4.2 Important statistical concepts

5. Machine Learning
   5.1 Role of machine learning in data science
   5.2 Overview of machine learning approaches
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
Introduction to Programming with Python

Course Code: DLBDSIPWP01

Course Type
Online Lecture

Study Format
Fernstudium

Study Level
BA

Admission Requirements
none

Field of Studies
Data Science & Artificial Intelligence

Credit Points
5

Contact Hours (per week)

Language of Instruction
English

Student Workload (in hours)

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Information about the examination

Examination Admission Requirements
BOLK: yes
Course Evaluation: no

Type of Exam
Exam, 90 Minuten

Course Description
This course provides students with a foundational understanding of the Python programming language. Following an introductory exposition to the importance of Python for data science-related programming tasks, students will be acquainted with fundamental programming concepts like variables, data types, and statements. Building on this basis, the important notion of a function is explained and errors, exception handling, and logging are explicated. The course concludes with an overview of the most widely-used library packages for data science.

Course Outcomes
On successful completion, students will be able to

- use fundamental Python syntax.
- recollect common elementary data types.
- recognize foundational programming concepts and their realization in Python.
- understand error handling and logging.
- create working programs.
- list the most important libraries and packages for data science.
## Contents

1. Introduction
   1.1 Why Python?
   1.2 Obtaining and installing Python
   1.3 The Python interpreter, IPython, and Jupyter

2. Variables and Data Types
   2.1 Variables and value assignment
   2.2 Numbers
   2.3 Strings
   2.4 Collections
   2.5 Files

3. Statements
   3.1 Assignment, expressions, and print
   3.2 Conditional statements
   3.3 Loops
   3.4 Iterators and comprehensions

4. Functions
   4.1 Function declaration
   4.2 Scope
   4.3 Arguments

5. Errors and Exceptions
   5.1 Errors
   5.2 Exception handling
   5.3 Logs

6. Modules and Packages
   6.1 Usage
   6.2 Namespaces
   6.3 Documentation
   6.4 Popular data science packages

www.iubh.de
Instructional Methods
☑ Course Book
☑ Interactive Book
☑ Vodcast/Shortcast
☑ Podcast
☑ Exam Template
☐ Review Book
☐ Sprint
☐ Guidelines
☑ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
# IT Service Management

**Module Code:** IWSM_E

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**Student Workload (in hours)**

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**Module Coordinator**

Prof. Dr. André Köhler

**Contributing Courses to Module**

- IT-Service Management (DLBCSITSM01)
- Project: IT Service Management (DLBCSPITSM01)

**Module Exam Type**

**Split Exam**

- IT-Service Management
  - Exam, 90
- Project: IT Service Management
  - Written Assessment: Project Report

**Weight of Module**

see curriculum
Module Contents

**IT-Service Management**
- Fundamentals and Terms of IT Service Management
- IT Infrastructure Library (ITIL)
- ITIL – Service Design
- ITIL – Service Transition
- ITIL – Service Operation
- Processes in the Service Operation
- Information Security Management with the IT-Baseline Protection Framework of the BSI

**Project: IT Service Management**
Analysis, evaluation, and development of recommendations for taking action within the scope of concrete questions concerning aspects of IT Service Management. This is aided by the creation and planning of a project in the theoretical-theme context through all phases of project management. The quality assurance of the artefacts created is carried out both by the tutor and by students from the project groups.

**Learning Outcomes**

**IT-Service Management**
On successful completion, students will be able to
- identify the basics and challenges of IT service management.
- describe the motivation and structure of the IT Infrastructure Library (ITIL) in order to determine its main elements and distinguish concrete activities in the service life cycle.
- present and compare the activities of ITIL governance and ITIL operational processes and develop concrete solutions using these activities.

**Project: IT Service Management**
On successful completion, students will be able to
- analyze typical problems and company situations from the area of IT service management in different project variations.
- develop, plan, and implement proposed solutions.
- convert theory into a pragmatic approach to a solution with the help of methodical tools from IT service management and project management.
- draw and apply the right conclusions in relation to their specific project environment.
- conceptually apply their theoretical knowledge to company-specific environmental factors.

**Links to other Modules within the Study Program**
This module is similar to other modules in the fields of Data Science & Artificial Intelligence

**Links to other Study Programs of IUBH**
All Bachelor Programmes in the IT & Technology fields
IT-Service Management
Course Code: DLBCSITSM01

Course Type
Online Lecture

Study Format
Fernstudium

Study Level
BA

Admission Requirements
none

Field of Studies
Computer Science & Software Development

Credit Points
5

Contact Hours (per week)
Self Study 90 h
Tutorial 30 h
Self Test 30 h
Hours Total 150 h

Language of Instruction
English

Student Workload (in hours)

Information about the examination

Examination Admission Requirements
BOLK: yes
Course Evaluation: no

Type of Exam
Exam, 90 Minuten

Course Description
IT Service Management is an approach to aligning and understanding a company’s IT as a service provider and supporter of operational and business processes. Quality management and the handling of daily operations are at the forefront. This course covers the use of the IT Infrastructure Library (ITIL) in order to teach concepts, procedures, and best practice in IT Service Management (IT Operations). The course therefore considers the management of activities within the SW life cycle, which take place after the development of an IT system, and IT operation as a ongoing process in the day-to-day operation of a company’s IT department.

Course Outcomes
On successful completion, students will be able to
• identify the basics and challenges of IT service management.
• describe the motivation and structure of the IT Infrastructure Library (ITIL) in order to determine its main elements and distinguish concrete activities in the service life cycle.
• present and compare the activities of ITIL governance and ITIL operational processes and develop concrete solutions using these activities.
Contents
1. Fundamentals and Terms of IT Service Management
   1.1 IT Services
   1.2 IT Service Management
2. IT Infrastructure Library (ITIL)
   2.1 Service Life Cycle and Process Groups in ITIL
   2.2 Service Strategy
   2.3 Continual Service Improvement
3. ITIL – Service Design
   3.1 Service Level Management
   3.2 Service Catalog Management
   3.3 Availability Management
   3.4 Further Processes in the Service Transition
4. ITIL – Service Transition
   4.1 Transition Planning and Support
   4.2 Change Management
   4.3 Service Asset and Configuration Management (SACM)
   4.4 Further Processes in the Service Transition
5. ITIL – Service Operation
   5.1 Event Management
   5.2 Incident Management
   5.3 Problem Management
   5.4 Further Processes in the Service Operation
6. Information Security Management with the IT-Baseline Protection Framework of the BSI
   6.1 Structure and Elements of BSI Basic Protection
   6.2 The Information Security Process
**Instructional Methods**

- ☑ Course Book
- ☑ Interactive Book
- ☑ Vodcast/Shortcast
- ☑ Podcast
- ☑ Exam Template
- ☐ Review Book
- ☐ Sprint
- ☐ Guidelines
- ☐ Live Tutorials
- ☐ MyCampus Forum
- ☐ Piazza

**Literature**

**Further Reading**

# Project: IT Service Management

**Course Code**: DLBCSPITSM01

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## Course Description

Based on the contents of the course "IT Service Management", selected aspects of the core processes of ITIL are deepened, discussed, selected, and applied within the framework of a project in a concept-related manner. All theoretical methods are considered and evaluated.

## Course Outcomes

On successful completion, students will be able to

- analyze typical problems and company situations from the area of IT service management in different project variations.
- develop, plan, and implement proposed solutions.
- convert theory into a pragmatic approach to a solution with the help of methodical tools from IT service management and project management.
- draw and apply the right conclusions in relation to their specific project environment.
- conceptually apply their theoretical knowledge to company-specific environmental factors.
Contents
- Analysis, evaluation, and development of recommendations for taking action within the scope of concrete questions concerning aspects of IT Service Management. This is aided by the creation and planning of a project in the theoretical-theme context through all phases of project management.
- The quality assurance of the artefacts created is carried out both by the tutor and by students from the project groups.

Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
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Literature

Further Reading
### Foreign Language Italian

**Module Code:** DLFLI

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### Module Coordinator

### Contributing Courses to Module

- Foreign Language Italian (DLFLI01)

### Module Exam Type

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### Weight of Module

see curriculum
Module Contents

- Depending on the CEFR classification, students are qualified to
  - understand and use familiar everyday expressions and very simple sentences aimed at satisfying concrete needs. They can introduce themselves and others and ask other people questions about themselves – e.g. where they live, who they know, or what things they have – and answer questions of this kind. They can communicate in a simple way if the other party speaks slowly and clearly and is willing to help. (Level A1)**

- understand sentences and frequently used expressions related to areas of most immediate relevance (e.g., personal and family information, shopping, work, and local area). They can communicate in simple, routine situations that involve a simple and direct exchange of information about familiar and common things. They can use simple language to describe their own background and education, their immediate environment, and things related to immediate needs. (Level A2)**

- understand the main points when clear standard language is used and when it comes to familiar matters from work, school, and leisure, etc. They can cope with most situations encountered when traveling in an area where the language is spoken. They can express themselves simply and coherently on familiar topics and personal areas of interest. They can report on experiences and events, describe dreams, hopes and goals, and give brief reasons or explanations for their plans and views. (Level B1)**

- understand the main contents of complex texts on concrete and abstract topics and, in their own field, also technical discussions. They can communicate so spontaneously and fluently that a normal conversation with native speakers is possible without much effort on both sides. They can express themselves clearly and in detail on a wide range of topics, explain a point of view on a topical issue, and indicate the advantages and disadvantages of different options. (Level B2) **

- understand a wide range of demanding, longer texts and grasp implicit meanings. They can express themselves spontaneously and fluently without often having to search for words. They can use the language effectively and flexibly in social and professional life or in training and studies. They can express themselves in a clear, structured, and detailed manner on complex issues, using various means of text linking appropriately. (Level C1)***

- Grammar:
  - Level A1 – includes present and past tenses, sentence construction, and prepositions, etc.
  - Level A2 – includes historical tenses, differences in times of the past, imperative, subordinate clauses, and pronouns (dative, accusative)
  - Level B1 - among others, an introduction of the pluperfect, conjunctions, the passive, adverbs, adjectives (difference), and the future tense
  - Level B2 - includes verb constructions, conditional sentences, and indirect speech, etc.
  - Level C1 - Exercises to consolidate and repeat what has been learned

**Source:
http://www.coe.int/t/dg4/linguistic/Cadre1_en.asp
and
http://www.coe.int/t/dg4/linguistic/Source/Framework_EN.pdf

*** Source:
http://www.goethe.de/z/50/commeuro/303.htm
## Learning Outcomes

**Foreign Language Italian**

On successful completion, students will be able to

<table>
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<th>Links to other Modules within the Study Program</th>
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## Foreign Language Italian

**Course Code:** DLFLI01

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Course Description

The qualification goals correspond to level A1-C1 according to the criteria of the Common European Framework of Reference for Languages (CEFR).

A1-A2: The basic use of Italian as a foreign language is taught and practiced on the basis of everyday topics and basic grammatical structures. With an expansion of grammatical knowledge and skills and the development of vocabulary in fields such as everyday working life, culture, business, and current events, the independent use of Italian as a foreign language is taught and practiced.

B1: With an expansion of grammatical knowledge and skills and the development of vocabulary in fields such as everyday working life, culture, business, professional specializations, and current events, the independent use of Italian as a foreign language is taught and practiced by broadening and deepening previous grammatical knowledge and skills and expanding vocabulary in fields such as everyday work, culture, economics, professional specializations, and current events.

B2: The independent use of Italian as a foreign language is taught and practiced by broadening and deepening previous grammatical knowledge and skills and expanding vocabulary in fields such as everyday work, culture, professional specializations, and current events.

C1: The independent use of the foreign language Italian is taught and practiced with an extension and deepening of the previous grammatical knowledge and skills and the expansion of the vocabulary in fields such as everyday working life, culture, economics, professional specializations, and current events.

Course Objectives and Outcome:

A1-A2: Upon successful completion of the course, students can use Italian in everyday situations at level A1-A2 CEFR.

B1: Upon successful completion of the course, students can use Italian in everyday situations at B1 CEFR level. Starting at this level, students are able to develop their language skills independently through application and further self-study.

B2: Upon successful completion of the course, students will be able to independently use Italian at the B2 CEFR level in most daily and professional situations. They are able to express themselves on a wide range of topics, understand specialist discussions in their own specialist field, and communicate spontaneously and fluently so that a normal conversation with native speakers is possible without great effort. Starting from this level, the students can further develop their language skills with further self-study.

C1: Upon successful completion of the course, students will be able to express themselves fluently and spontaneously without often having to search for words. They can use the language effectively and flexibly in social and professional life, or in training and studies. Students can express themselves in a clear, structured, and detailed way on complex subjects, using various means of text linking appropriately. Starting from this level, the students can further develop their language skills in application and with further self-study.

Course Content:

The students are able to:

Themes: Family (description and introduction of themselves, description and introduction of friends, colleagues and acquaintances); Living (living situation, places of residence); Leisure (shopping, hobbies, traveling, forms of travel, and recreation); Telephoning, reservations, confirmation of orders, feedback; Communication: "Small talk", meetings; Description of their living situation (living, work, and leisure); Grammar: includes past and present tense, sentence construction, and prepositions, etc.

Contents of the course A2: The students are able to: Themes: everyday life, work, education, studies; work situation, fields of work, places of work, professional goals; personality, description of characteristics; making appointments and agreements; communication: "small talk", talks about places of work, fields of work; description of work situation; Grammar: includes imperfect and perfect tenses, the subjunctive, modal verbs, and syntax.

Contents of the course B1: The students are able to: Thematic: environment: description of places and countries (location, people, places of interest, and special features, etc.); events in business, culture, and politics of immediate importance; use of the foreign language in everyday professional situations; writing: coherent description of places, situations, experiences, recommendations; communication: dialogues, short lectures; Grammar: Training and extension of the applicable sentence tree possibilities (including the subjunctive in various tenses, imperatives, modal verbs, and relative clauses, etc.).

Contents of the course B2: The students are able to: Themes: the work day, distribution, sales, communication, human resources, career, solutions for private and business tasks; Grammar: includes verb constructions, conditional sentences, and indirect speech, etc.

Contents of the course C1: The students are able to: Themes: describe complex issues in detail, link topics with each other, paying special attention to certain aspects, and giving an appropriate conclusion; Grammar: includes verb constructions, conditional...
### Course Outcomes
On successful completion, students will be able to

### Contents

#### Instructional Methods
- [ ] Course Book
- [ ] Interactive Book
- [ ] Vodcast/Shortcast
- [ ] Podcast
- [ ] Exam Template
- [ ] Review Book
- [ ] Sprint
- [✓] Guidelines
- [ ] Live Tutorials
- [ ] MyCampus Forum
- [ ] Piazza

### Literature

### Further Reading
- according to the online course Rosetta Stone
### Foreign Language French

**Module Code:** DLFLF

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<tr>
<td>Tutorial</td>
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<td>Self Test</td>
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**Module Coordinator**

**Contributing Courses to Module**

- Foreign Language French (DLFLF01)

**Module Exam Type**

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**Weight of Module**

see curriculum
Depending on the CEFR classification, students are qualified to

- understand and use familiar everyday expressions and very simple sentences aimed at satisfying concrete needs. They can introduce themselves and others and ask other people questions about themselves – e.g., where they live, who they know, or what things they have – and answer questions of this kind. They can communicate in a simple way if the other party speaks slowly and clearly and is willing to help. (Level A1)**
- understand sentences and frequently used expressions related to areas of most immediate relevance (e.g., personal and family information, shopping, work, and their local area). They can communicate in simple, routine situations that involve a simple and direct exchange of information about familiar and common things. They can use simple language to describe their own background and education, their immediate environment, and things related to their immediate needs. (level A2) **
- understand the main points when clear standard language is used and when it comes to familiar matters about work, school, and leisure, etc. They can cope with most situations encountered when traveling in an area where the language is spoken. They can express themselves simply and coherently on familiar topics and personal areas of interest. They can report on experiences and events, describe dreams, hopes and goals, and give brief reasons or explanations for their plans and views. (level B1) **
- understand the main contents of complex texts on concrete and abstract topics and, in their own field, also technical discussions. They can communicate spontaneously and fluently so that a normal conversation with native speakers is possible without much effort. They can express themselves clearly and in detail on a wide range of topics, explain a point of view on a topical issue, and indicate the advantages and disadvantages of different options. (level B2) **
- understand a wide range of demanding, longer texts and also grasp implicit meanings. They can express themselves spontaneously and fluently without often having to search for words. They can use the language effectively and flexibly in social and professional life or in training and studies. They can express themselves in a clear, structured, and detailed manner on complex issues, using various means of text linking appropriately. (level C1)***

**Grammar:
- Level A1 – includes present and past tenses, sentence construction, and prepositions, etc.
- Level A2 – includes historical tenses, differences in times of the past, imperative, subordinate clauses, and pronouns (dative, accusative)
- Level B1 – Among others, an introduction of the pluperfect, conjunctions, the passive, adverbs, adjectives (difference), and the future tense
- Level B2 – Includes verb constructions, conditional sentences, and indirect speech, etc.
- Level C1 – Exercises to consolidate and repeat what has been learned

**Source
http://www.coe.int/t/dg4/linguistic/Cadre1_en.asp
and
http://www.coe.int/t/dg4/linguistic/Source/Framework_EN.pdf

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--&gt;http://www.goethe.de/z/50/commeuro/303.htm=- syncÇÊ«êá

www.iubh.de
# Learning Outcomes

**Foreign Language French**

On successful completion, students will be able to

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<th>Links to other Modules within the Study Program</th>
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Foreign Language French
Course Code: DLFLF01

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Information about the examination

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Course Description
The qualification goals correspond to levels A1 through C1, according to the criteria of the Common European Framework of Reference for Languages (CEFR). A1/A2: The basics of French as a foreign language are taught and practiced using everyday topics and simple grammatical structures. B1: Independent use of French as a foreign language is taught, expanding the learner's grammatical knowledge and skills and developing their vocabulary in areas such as everyday working life, culture, business, and current events. B2: Independent use of French as a foreign language is taught and practiced by broadening and deepening previous grammatical knowledge and skills and expanding vocabulary in areas such as everyday work, culture, business, professional specializations, and current events. C1: Independent use of French as a foreign language is taught and practiced with a focus on extending and deepening previous grammatical knowledge and skills and expanding vocabulary in areas such as everyday working life, culture, economics, professional specializations, and current events.

Course Objectives and Outcome:
A1/A2: Upon successful completion of the course, students can use French in everyday situations at level A1/A2 CEFR. B1: Upon successful completion of the course, students can use French in everyday situations at level B1 CEFR. Starting at this level, students are able to develop their language skills independently through application and further self-study. B2: Upon successful completion of the course, students will be able to independently use French at the level B2 CEFR in most professional situations. They are able to express themselves on a wide range of topics, understand specialist discussions in their own specialist field, and communicate spontaneously and fluently so that a normal conversation with native speakers is possible without great effort. Starting from this level, students can further develop their language skills in application and with further self-study. C1: Upon successful completion of the course, students will be able to express themselves fluently and spontaneously without often having to search for words. They can use the language effectively and flexibly in social and professional life or in training and studies. Students can express themselves in a clear, structured, and detailed way on complex subjects, using various means of text linking appropriately. Starting from this level, the students can further develop their language skills in application and with further self-study.

Course Content:
The students are able to:
Themes: Family (description and introduction of themselves, description and introduction of friends, colleagues, and acquaintances); Living (living situation and places of residence); Leisure (shopping, hobbies, traveling, forms of travel, and recreation); Telephoning, reservations, confirmation of orders, and feedback; Communication: “Small talk”, meetings; Description of life situation (living, work, and leisure) Grammar: Includes present and past tense, sentence construction, and prepositions, etc.

Contents of the course A2: The students are able to:
Themes: everyday life, work, education, studies; work situation, fields of work, places of work, professional goals; personality, description of characteristics; making appointments and agreements; communication: “small talk”, talks about places of work, fields of work; description of their work Grammar: among other things, the imperfect and subjunctive tenses, modal verbs, and sentence construction

Contents of the course B1: The students are able to:
Themes: environment: description of places and countries (location, people, places of interest, and special features, etc.); events in business, culture, and politics of immediate importance; use of the foreign language in everyday professional situations; writing: coherent description of places, situations, experiences, recommendations; communication: dialogues and short lectures Grammar: Training and extension of the applicable sentence tree possibilities (including the subjunctive in various tenses, the imperative, modal verbs, and relative clauses, etc.)

Contents of the course B2: The students are able to:
Themes: working day, distribution, sales, communication, human resources, career, solutions for private and business tasks Grammar: includes verb constructions, conditional sentences, and indirect speech, etc.
### Course Outcomes

On successful completion, students will be able to

### Contents

#### Instructional Methods

- [ ] Course Book
- [ ] Interactive Book
- [ ] Vodcast/Shortcast
- [ ] Podcast
- [ ] Exam Template
- [ ] Review Book
- [ ] Sprint
- [X] Guidelines
- [ ] Live Tutorials
- [ ] MyCampus Forum
- [ ] Piazza

### Literature

### Further Reading

- according to the online course Rosetta Stone
### Foreign Language: German

**Module Code:** DLSPGLA

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**Student Workload (in hours)**

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**Module Coordinator**

Claudia Schild-Franken

**Contributing Courses to Module**

- Foreign Language: German (DLSPGLA01)

**Module Exam Type**

- Module Exam
- Split Exam

**Weight of Module**

see curriculum

**Module Contents**

Based on general and the use of basic and advanced grammar structures, the students will learn and practice German as a Foreign Language following a CEFRL assessment test.

**Learning Outcomes**

**Foreign Language: German**

On successful completion, students will be able to

- use German as a Foreign Language on the corresponding CEFRL level. The qualifications aimed at correspond to the A1, A2, B1, B2 and C1 levels in accordance with the criteria of the Common European Framework of Reference for Languages (CEFRL).
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Course Description
Depending on the chosen CEFRL level, the students will be enabled to: **A1** understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type. Introduce him/herself and others and can ask and answer questions about personal details such as where he/she lives, people he/she knows and things he/she has. Interact in a simple way provided the other person talks slowly and clearly and is prepared to help. A2 understand sentences and frequently used expressions related to areas of most immediate relevance (e.g. very basic personal and family information, shopping, local geography, employment). Communicate in simple and routine tasks requiring a simple and direct exchange of information on familiar and routine matters. Describe in simple terms aspects of his/her background, immediate environment and matters in areas of immediate need. B1 understand the main points of clear standard input on familiar matters regularly encountered in work, school, leisure, etc. Deal with most situations likely to arise whilst travelling in an area where the language is spoken. Produce simple connected text on topics, which are familiar, or of personal interest. Describe experiences and events, dreams, hopes and ambitions and briefly give reasons and explanations for opinions and plans. B2 understand the main ideas of complex text on both concrete and abstract topics, including technical discussions in his/her field of specialization. Interact with a degree of fluency and spontaneity that makes regular interaction with native speakers quite possible without strain for either party. Produce clear, detailed text on a wide range of subjects and explain a viewpoint on a topical issue giving the advantages and Independent disadvantages of various options. C1 understand a wide range of sophisticated, longer texts and to grasp implicit meanings. They can express themselves spontaneously and fluently, without having to search for words more clearly. They can use the language effectively and flexibly in their social and professional life or in education and study. They can speak clearly, in a structured manner and in detail about complex issues, using various means of linking text appropriately.**source: http://www.coe.int/t/dg4/linguistic/Source/Framework_EN.pdf and http://www.goethe.de/z/50/commeuro/303.htm

Course Outcomes
On successful completion, students will be able to
- use German as a Foreign Language on the corresponding CEFRL level. The qualifications aimed at correspond to the A1, A2, B1, B2 and C1 levels in accordance with the criteria of the Common European Framework of Reference for Languages (CEFRL).

Contents
Instructional Methods
☐ Course Book
☐ Interactive Book
☐ Vodcast/Shortcast
☐ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☑ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
### Foreign Language Spanish

**Module Code:** DLFLS

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**Student Workload (in hours)**

- **Self Study:** 180 h
- **Tutorial:** 60 h
- **Self Test:** 60 h
- **Hours Total:** 300 h

**Module Coordinator**

**Contributing Courses to Module**

- Foreign Language Spanish (DLFLS01)

**Module Exam Type**

- **Module Exam**
  - Exam
- **Split Exam**

**Weight of Module**

- see curriculum
Module Contents

- Depending on the CEFR classification, students will be able to
  - understand and use familiar everyday expressions and very simple sentences aimed at satisfying concrete needs. They can introduce themselves and others and ask other people questions about themselves - e.g., where they live, who they know, or what things they have - and provide answers to these kinds of questions. They can communicate in a simple way if the other party speaks slowly and clearly and is willing to help (Level A1)**
  - understand sentences and frequently used expressions related to areas of most immediate relevance (e.g., personal and family information, shopping, work, and their local area). They can communicate in simple, routine situations that involve a simple and direct exchange of information about familiar and common things. They can use simple language to describe their own background and education, their immediate environment, and things related to their immediate needs (Level A2)**
  - understand the main points when clear standard language is used and when it comes to familiar matters about work, school, leisure, etc. They can cope with most situations encountered when travelling in an area where the language is spoken. They can express themselves simply and coherently on familiar topics and personal areas of interest. They can report on experiences and events, describe dreams, hopes and goals, and give brief reasons or explanations for their plans and views. (Level B1)**
  - understand the main content of complex texts on concrete and abstract topics and, in their own field, also technical discussions. They can communicate spontaneously and fluently so that a normal conversation with native speakers is possible without much mutual effort. They can express themselves clearly and in detail on a wide range of topics, explain a point of view on a topical issue, and indicate the advantages and disadvantages of different options. (Level B2)**
  - understand a wide range of demanding, longer texts and also grasp implicit meanings. They can express themselves spontaneously and fluently without having to search for words. They can use the language effectively and flexibly in social and professional life or in training and studies. They can express themselves in a clear, structured, and detailed manner on complex issues, using various means of text linking appropriately. (level C1)***

- Grammar:
  - Level A1 - Includes present and past tenses, sentence construction, and prepositions, etc.
  - Level A2 - Includes historical tenses, differences in times of the past, imperative, subordinate clauses, and pronouns (dative, accusative)
  - Level B1 - Among others, introduces the pluperfect, conjunctions, the passive, adverbs, adjectives (difference), and the future tense
  - Level B2 - Includes verb constructions, conditional sentences, and indirect speech, etc.
  - Level C1 – Includes exercises to consolidate and repeat what has been learned

**Source
http://www.coe.int/t/dg4/linguistic/Cadre1_en.asp

and
http://www.coe.int/t/dg4/linguistic/Framework_EN.pdf

***Source
http://www.goethe.de/z/50/commeuro/303.htm=sync:βζέαέα
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<th><strong>Learning Outcomes</strong></th>
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Foreign Language Spanish
Course Code: DLFLS01

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Course Description

Study goals correspond to the language levels A1–C1, as specified in the Common European Framework of Reference for Languages (CEFR). A1–A2: The basic use of Spanish as a foreign language is taught and practiced on the basis of everyday topics and basic grammatical structures. B1: With an expansion of grammatical knowledge and skills and the development of vocabulary in fields such as everyday working life, culture, business and current events, the independent use of Spanish is taught and practiced. B2: The independent use of Spanish is taught and practiced with an extension and deepening of the previous grammatical knowledge and skills and the expansion of the vocabulary in fields such as everyday working life, culture, economics, professional specializations, and current events. C1: The independent use of Spanish is taught and practiced with an extension and deepening of the previous grammatical knowledge and skills and the expansion of the vocabulary in fields such as everyday working life, culture, economics, professional specializations, and current events.

Course Objectives and Outcome:

Course Objectives and Outcome:

A1–A2: Upon successful completion of the course, students can use Spanish in everyday situations at level A1–A2 CEFR. B1: Upon successful completion of the course, students can use Spanish in everyday situations at B1 CEFR level. Starting at this level, students are able to develop their language skills independently through application and further self-study. B2: Upon successful completion of the course, students will be able to independently use Spanish at the B2 CEFR level in most daily and professional situations. They are able to express themselves on a wide range of topics in order to understand specialist discussions in their own specialist field, and to communicate spontaneously and fluently so that a normal conversation with native speakers is possible without great effort being made by either side. Starting from this level, students can further develop their language with further self-study. C1: Upon successful completion of the course, students will be able to express themselves fluently and spontaneously without having to search for words often. They can use the language effectively and flexibly in social and professional life or in training and studies. Students can express themselves in a clear, structured and detailed way on complex subjects, using various means of text linking appropriately. Starting from this level, the students can further develop their language skills with further self-study.

Course Content:

The students are able to:

Themes: Family (description and introduction of themselves, description and introduction of friends, colleagues, and acquaintances); Living (living situation, places of residence); Leisure (shopping, hobbies, travelling, forms of travel, and recreation); Telephoning, reservation, confirmation of order, feedback; Communication: “Small talk”, meetings; Description of daily life (living, work, and leisure).

Grammar: includes present and past tense, sentence construction, and prepositions, etc.

Contents of the course A2: The students are able to:

Themes: everyday life, work, education, and studies; work situation, fields of work, places of work, professional goals; personality and description of characteristics; making appointments and agreements; communication: “small talk”, talking about places of work, fields of work, describing their work situation.

Grammar: includes the perfect and imperfect tenses, the subjunctive, modal verbs, and sentence structure.

Contents of the course B1: The students are able to:

Themes: environment: description of places and countries (location, people, places of interest, and special features, etc.); events in business, culture, and politics of immediate importance; use of the foreign language in everyday professional situations; writing: coherent description of places, situations, experiences, recommendations; communication: dialogues and short lectures.

Grammar: Training and extension of the applicable sentence tree possibilities (including subjunctive in various tenses, imperative, modal verbs, and relative clauses, etc.).

Contents of the course B2: The students are able to:

Themes: working day, distribution, sales, communication, human resources, career, solutions for private and business tasks.

Grammar: includes verb constructions, conditional sentences, and indirect speech, etc.

Contents of the course C1: The students are able to:

Thematically: describe complex issues in detail, link topics with each other, paying special attention to certain aspects and giving an appropriate conclusion.

Grammar:
### Course Outcomes
On successful completion, students will be able to

### Contents

<table>
<thead>
<tr>
<th>Instructional Methods</th>
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<tr>
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<td>☐ Interactive Book</td>
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<td>☐ Vodcast/Shortcast</td>
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<td>☐ Podcast</td>
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<tr>
<td>☐ Exam Template</td>
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<td>☑ Guidelines</td>
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<td>☐ Live Tutorials</td>
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<tr>
<td>☐ MyCampus Forum</td>
</tr>
<tr>
<td>☐ Piazza</td>
</tr>
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</table>

### Literature

### Further Reading
- according to the online course Rosetta Stone
# Foreign Language Turkish

**Module Code:** DLFLT

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Admission Requirements</th>
<th>Study Level</th>
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<tbody>
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<td>BA</td>
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<table>
<thead>
<tr>
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<th>Semester / Term</th>
<th>Duration</th>
<th>Regularly offered in</th>
<th>Language of Instruction</th>
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<tbody>
<tr>
<td>10</td>
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<td></td>
<td>WiSe/SoSe</td>
<td>Englisch</td>
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<table>
<thead>
<tr>
<th>Student Workload (in hours)</th>
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<tbody>
<tr>
<td><strong>Self Study</strong></td>
<td><strong>Tutorial</strong></td>
</tr>
<tr>
<td>180 h</td>
<td>60 h</td>
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**Module Coordinator**
Claudia Schild-Franken

**Contributing Courses to Module**
- Foreign Language Turkish (DLFLT01)

**Module Exam Type**

<table>
<thead>
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<th>Module Exam</th>
<th>Split Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam</td>
<td></td>
</tr>
</tbody>
</table>

**Weight of Module**
see curriculum
Module Contents

- Depending on the acquired CEFR level, students are enabled to understand and use familiar, everyday expressions and very simple sentences aimed at the fulfilment of fundamental needs. Students can introduce themselves and others, ask and answer questions about themselves and others, such as where they live, people they know and things they own. They can communicate in a simple way if the person they are talking to speaks slowly and clearly and is willing to help. (Level A1) **
- understand sentences and frequently used expressions related to areas of most immediate relevance (e.g. personal and family information, shopping, work, accustomed settings). Students can communicate in simple, familiar situations involving a basic and direct exchange of information on habitual and predictable issues. They can describe their own background and education, their immediate environment and things related to immediate needs in simple expressions. (Level A2)
- Grammar:
  - Level A1 - among other things tenses of the present and past, sentence structure
  - Level A2 – among other things tenses of the past, differences in past tenses, imperative, subordinate clauses, pronouns
  - **Source
    - http://www.coe.int/t/dg4/linguistic/Cadre1_en.asp
    - and
  - *** Source:
    - http://www.goethe.de/z/50/commeuro/303.htm

Learning Outcomes

Foreign Language Turkish
On successful completion, students will be able to

Links to other Modules within the Study Program
This module is similar to other modules in the field of Languages

Links to other Study Programs of IUBH
All Distance Learning Bachelor Programmes
### Foreign Language Turkish

Course Code: DLFLT01

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Study Format</th>
<th>Study Level</th>
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<tbody>
<tr>
<td>Online Lecture</td>
<td>Fernstudium</td>
<td>BA</td>
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<table>
<thead>
<tr>
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<th>Field of Studies</th>
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<tbody>
<tr>
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<td>Languages</td>
</tr>
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<table>
<thead>
<tr>
<th>Credit Points</th>
<th>Contact Hours (per week)</th>
<th>Language of Instruction</th>
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<tbody>
<tr>
<td>10</td>
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<td>English</td>
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<table>
<thead>
<tr>
<th>Student Workload (in hours)</th>
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<tbody>
<tr>
<td>Self Study</td>
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<tr>
<td>Tutorial</td>
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<tr>
<td>Self Test</td>
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<td>Hours Total</td>
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### Information about the examination

<table>
<thead>
<tr>
<th>Examination Admission Requirements</th>
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<tbody>
<tr>
<td></td>
<td>Course Evaluation: no</td>
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<table>
<thead>
<tr>
<th>Type of Exam</th>
<th></th>
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<tbody>
<tr>
<td>Exam, 180 Minuten</td>
<td></td>
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</table>
Course Description
Description of the course: The qualification objectives correspond to levels A1-A2 following the criteria of the Common European Framework of Reference for Languages (CEFR). A1-A2: The elementary use of the foreign language Turkish is taught and practiced on the basis of everyday topics and using elementary grammatical structures. Course objectives: A1-A2: After successful completion of the course, students can use Turkish in everyday situations at the A1 CEFR level. Contents of the course A1: Students are enabled to, Thematic: family (description and introduction of oneself, description and introduction of friends, colleagues and acquaintances); residence (living situation, places of residence); leisure time (shopping, hobbies, travelling, forms of travel, recreation); telephoning, reservations, order confirmation, feedback; communication: "small talk", getting to know each other; description of life situation (living, work, leisure time) Grammar: among other things tenses of the present and past, sentence structure. Contents of the course A2: Students are enabled to, Thematic: everyday life, work, training, studies; work situation, fields of work, places of work, professional goals; personality, description of character traits; making appointments and agreements; communication: "small talk", conversations about places of work, fields of work; description of the working environment Grammar: among other things, tenses of the past, sentence structure.

Course Outcomes
On successful completion, students will be able to

Contents
Instructional Methods
☐ Course Book
☐ Interactive Book
☐ Vodcast/Shortcast
☐ Podcast
☐ Exam Template
☐ Review Book
☐ Sprint
☒ Guidelines
☐ Live Tutorials
☐ MyCampus Forum
☐ Piazza

Literature

Further Reading
- according to information in the online course Rosetta Stone
# Bachelor’s Thesis

**Module Code:** DLBBT

<table>
<thead>
<tr>
<th>Module Type</th>
<th>Admission Requirements</th>
<th>Study Level</th>
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<td>WiSe/SoSe</td>
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<tr>
<th>Module Coordinator</th>
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<tbody>
<tr>
<td>Prof. Dr. Holger Sommerfeldt</td>
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<table>
<thead>
<tr>
<th>Contributing Courses to Module</th>
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<tbody>
<tr>
<td>• Bachelor Thesis (DLBBT01)</td>
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<tr>
<td>• Colloquium (DLBBT02)</td>
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<th>Module Exam Type</th>
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<tr>
<td><strong>Split Exam</strong></td>
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<tr>
<td>Bachelor Thesis</td>
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<tr>
<td>Written Assessment: Bachelor Thesis</td>
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<tr>
<td>Colloquium</td>
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<tr>
<td>Presentation: Colloquium</td>
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<tr>
<td><strong>Bachelor Thesis</strong></td>
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<tr>
<td>• Bachelor’s thesis</td>
</tr>
<tr>
<td>• Colloquium on the bachelor’s thesis</td>
</tr>
<tr>
<td><strong>Colloquium</strong></td>
</tr>
</tbody>
</table>

www.iubh.de
**Learning Outcomes**

**Bachelor Thesis**
On successful completion, students will be able to

- work on a problem from their major field of study by applying the specialist and methodological skills they have acquired during their studies.
- independently analyze selected tasks with scientific methods, critically evaluate them, and develop appropriate solutions under the guidance of an academic supervisor.
- record and analyze existing (research) literature appropriate to the topic of their bachelor’s thesis.
- prepare a detailed written elaboration in compliance with scientific methods.

**Colloquium**
On successful completion, students will be able to

- present a problem from their field of study using academic presentation and communication techniques.
- reflect on the scientific and methodological approach chosen in their bachelor’s thesis.
- demonstrate that they can actively answer subject-related questions from the subject experts (reviewers of the bachelor’s thesis).

| Links to other Modules within the Study Program | Links to other Study Programs of IUBH |
Bachelor Thesis
Course Code: DLBBT01

<table>
<thead>
<tr>
<th>Course Type</th>
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<th>Field of Studies</th>
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<th>Language of Instruction</th>
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<tbody>
<tr>
<td>Examination Admission Requirements</td>
</tr>
<tr>
<td>Course Evaluation: yes</td>
</tr>
<tr>
<td>Type of Exam</td>
</tr>
<tr>
<td>Written Assessment: Bachelor Thesis</td>
</tr>
</tbody>
</table>

Course Description
The aim and purpose of the bachelor’s thesis is to successfully apply the subject-specific and methodological competencies acquired during the course of study in the form of an academic dissertation with a thematic reference to the major field of study. The content of the bachelor’s thesis can be a practical-empirical or theoretical-scientific problem. Students should prove that they can independently analyze a selected problem with scientific methods, critically evaluate it, and work out proposed solutions under the subject-methodological guidance of an academic supervisor. The topic chosen by the student from their respective field of study should meet the acquired scientific competences, deepening their academic knowledge and skills in order to meet the future needs of the field.
## Course Outcomes
On successful completion, students will be able to

- work on a problem from their major field of study by applying the specialist and methodological skills they have acquired during their studies.
- independently analyze selected tasks with scientific methods, critically evaluate them, and develop appropriate solutions under the guidance of an academic supervisor.
- record and analyze existing (research) literature appropriate to the topic of their bachelor's thesis.
- prepare a detailed written elaboration in compliance with scientific methods.

## Contents
- The bachelor's thesis must be written on a topic that relates to the content of the respective major field of study. In the context of the bachelor's thesis, the problem, as well as the scientific research goal, must be clearly emphasized. The work must reflect the current state of knowledge of the topic to be examined by means of an appropriate literature analysis. The student must prove their ability to use the acquired knowledge theoretically and/or empirically in the form of an independent and problem-solution-oriented application.

## Instructional Methods
- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
- Guidelines
- Live Tutorials
- MyCampus Forum
- Piazza

## Literature

### Further Reading
- Selection of literature according to topic
Colloquium
Course Code: DLBBT02

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Study Format</th>
<th>Study Level</th>
</tr>
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<tbody>
<tr>
<td>Thesis Defense</td>
<td>Fernstudium</td>
<td>BA</td>
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<table>
<thead>
<tr>
<th>Admission Requirements</th>
<th>Field of Studies</th>
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<tbody>
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<th>Contact Hours (per week)</th>
<th>Language of Instruction</th>
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Student Workload (in hours)

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<td>30 h</td>
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Information about the examination

Examination Admission Requirements

<table>
<thead>
<tr>
<th>BOLK: no</th>
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</thead>
</table>

Course Evaluation: yes

Type of Exam

Presentation: Colloquium

Course Description
The colloquium will take place after the submission of the bachelor’s thesis. This is done at the invitation of the experts. During the colloquium, students must prove that they have independently produced the content and results of the written work. The content of the colloquium is a presentation of the most important work contents and research results by the student as well as the answering of questions by experts.

Course Outcomes
On successful completion, students will be able to
- present a problem from their field of study using academic presentation and communication techniques.
- reflect on the scientific and methodological approach chosen in their bachelor’s thesis.
- demonstrate that they can actively answer subject-related questions from the subject experts (reviewers of the bachelor’s thesis).
The colloquium includes a presentation of the most important results of the bachelor's thesis, followed by the student answering the reviewers' technical questions.

### Instructional Methods

- Course Book
- Interactive Book
- Vodcast/Shortcast
- Podcast
- Exam Template
- Review Book
- Sprint
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- Piazza

### Literature

### Further Reading