# **B.Sc. Information Systems**



1. Semester

2. Semester

3. Semester

5. Semester

6. Semester

# Business Administration 1: Principles of Business Economics

- Introduction to Business Administration, Procurement & Production
- Marketing

# Business Administration 2: Financial Reporting

- Financial Accounting 1
- Financial Reporting & Business Taxation 1

#### **Mathematical Basics**

- · Business Mathematics
- Statistics 1

## **Business English 1**

Business Correspondence

## Spezialisierungsmodule

## **Core Competencies**

- · Introduction to Information Systems
- Scientific Methods
- · Calculation Software
- Rhetoric
- Project Management

## **Programming**

- Object-oriented Programming
- Mobile Application Development

# Business Administration 3: Managerial Accounting

- Investment & Financing
- Cost Accounting

# Economics 1: Principles of Economics

- Microeconomics
- Macroeconomics

## **Applied Statistics**

- · Statistics 2
- · Market Research

## **Business English 2**

Moderation & Presentation

## Spezialisierungsmodule

#### Informatics

- Computer Engineering & Science
- Communication Networks & Distributed Systems
- Hacking & IT Security

## **Web Engineering**

Web Application Development

# Business Administration 4: Human Resources & Organization Management

- · Human Resource Management
- Organization

# Business Administration 5: Business Management

- Principles of Corporate Management
- · Service Management

# Economics 2: Basics of Political Economy

- · Economic Policy
- · Corporate Social Responsibility

# **Business English 3**

Negotiation

## **Spezialisierungsmodule**

## **Business Information Systems 1**

- Business Application Systems
- · ERP Systems

## **Business Information Systems 2**

- Database Systems
- IT Law & Data Protection

## Software Engineering

4. Semester

**Auslandssemester** 

in Europa oder Übersee

- Software Architectures & Technology
- · Usability & User Experience

## **E-Business**

- · E-Procurement
- · Digital Process Management
- E-Commerce

## Workshop/Praxisseminar

## Wahlmodul (1 aus 2)

### **General Management**

- · Strategic Management
- Leadership & Motivation
- Crisis Management & Recapitalization

#### **Business Communication**

- · Internal Communication
- Investor Relations
- Global Communications

## Data Science

- · Business Intelligence
- · Business Analytics
- Business Modelling & Decision-Making Project

## **Digital Business**

- IT Management
- Digital Business Models & Transformation
- · Digital Services & Products

#### **Bachelor-Thesis**

## Wahlmodul (1 aus 2)

#### **Corporate Structuring**

- · Investment Management
- Corporate Finance
- Mergers & Acquisitions

## Consulting

- Consulting Instruments
- Management of Consulting Projects
- · Consulting Project/Tender Pitch