

## **Module: Integrated Information Systems**

### **Contents:**

This course introduces management students to the foundations of digital business. The course outlines the basics of business process modelling based on wide-spread approaches such as entity relationship diagrams, event-driven process chains (EPC). The course also outlines the purpose of integrated information systems across different functional areas in industrial companies. Finally, basics of IT management and digital transformation are discussed.

### **Learning outcomes:**

After attending the class, students will be in the position to discuss the requirements, characteristics and effects of integrated information systems, to analyze and understand complex process interdependencies, and to explain foundational challenges and best practices in IT management and digital transformation.

After attending the class, students will be in the position to discuss the requirements, characteristics and effects of integrated information systems, to understand complex process interdependencies.

**Prerequisites:** None.

**Formal:** None.

**Recommended:** None.

**Obligatory registration:** yes.

**Further Information on registration:**  
Please register via the student portal.

<b>Courses</b>	<b>Hours per week</b>	<b>Self-study</b>
Lecture	2 SWS	6 SWS
Exercise	2 SWS	6 SWS
ECTS in total		6 ECTS
<b>Form of assessment</b>	Written Exam (90 min.)	
<b>Preliminary course work</b>	None	
<b>Lecturer/Person in charge</b>	Prof. Dr. Jens Förderer	
<b>Duration of module</b>	1 semester	
<b>Offering</b>	Spring semester	
<b>Language</b>	English	
<b>Program-specific educational goals</b>	CG1, CG2	
<b>Grade</b>	graded	
<b>Range of application</b>	B. Sc. Business Administration	