

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