Module: IS 540 Management of Enterprise Systems

Contents:
Enterprise Systems (ES) represent a specific category of information systems. They build on pre-packaged industry best practices embedded in standardized product software and target large-scale integration of data and business processes across all company's functional areas and beyond company borderlines. Enterprise Systems strongly interplay with work practices of individual employees as well as organizational structures shaping and being shaped by individuals' behavior. The ES lifecycle involves various entities both external and internal to the company. As such, they impact multiple levels of a company, ranging from the individual employee to groups to the entire organization and even its associated network.
As critical as the ability to manage these ES is to most businesses, as challenging it is as well. This module is designed to provide a comprehensive insight into theoretical foundations, concepts, tools, and current practice of ES. The lecture is complemented with exercises and a case study. Students get the opportunity to collect hands-on experiences with commercial software products and analyze and propose solutions for a specific ES challenge. Thus, allowing them to build up first-hand experience with this important aspect for managing businesses successfully.

Learning outcomes:
The students will

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

Prerequisites:
Formal: -
Recommended: IS / MAN 500 (Information Systems in Organizations)

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

Courses	**Hours per week**	**Self-study**
Lecture	2	6
Exercise class / Case Study	1	3
ECTS in total		6

Form of assessment	Assignments and written exam (60 min.)
Preliminary course work	-
Lecturer/Person in charge	Prof. Dr. Hartmut Höhle
Duration of module	1 semester
Offering	Fall semester
Language	English
Program-specific educational goals	LG 1, LG 2, LG 3, LG 4

Grade	graded
Range of application	M.Sc. MMM, M.Sc. MMBR, M.Sc. Bus. Edu., M.Sc. Bus. Inf., M.Sc. Econ.