

Module	Enterprise Resource Planning Systems
Semester	3
Responsible	Jan Helmke, Prof Dr. rer. pol. www.wi.hs-wismar.de/jan.helmke ++49 3841 753 7541
Lecturer	Jan Helmke, Prof Dr. rer. pol.
Language	English
Curriculum	Core module in the degree programme Master of Business Systems
Type of teaching	<p>Private studies according to study notes including literature research using textbooks or other sources. Workshop, case study, discussion group, application to course project.</p> <p>Support is given via the Learn Management System Stud.IP including information, references, or files. Various communication channels are used. Work-based learning by linking information technology theory with workplace environment and experience.</p>
Workload	<p>Focused work on the topics during the semester is required. A full-day workshop. Case study including term paper requires independent and focused attention. Approximately 110 hours self-study required.</p>
Credit points	5
Prerequisites	Module: Business Process Design
Module objectives	<p>Knowledge: Students gain knowledge of the strategic impact of Enterprise Resource Planning Systems as the core application in enterprises. They recognize how to get a competitive edge by using an Enterprise Resource Planning System.</p> <p>Skills: Students are able to customize business processes in the Enterprise Resource Planning system in a way to achieve strategic business goals. They can use Enterprise Resource Planning-Systems as a platform to realize strategic connections to customers and suppliers and are able to react adequately to those connections.</p> <p>Competencies: This module requires and trains creative work as well as self-management.</p>
Content	<p>Realization of business processes in an Enterprise Resource Planning System Realization of Business Process Reengineering Reflection of external effects on Enterprise Resource Planning Systems:</p> <ul style="list-style-type: none"> - Enterprise Resource Planning Systems in context to business strategy - Enterprise Resource Planning Systems in context to organizational infrastructure - Enterprise Resource Planning Systems in context to technical infrastructure <p>Case studies will be related to participants' experience and workplaces. The problems will be discussed for real-world situations and processes.</p>
Examination	Written exam or case study, term paper and oral presentation, application to course project. Assessment details will be provided during the first semester workshop.
Reading list	<p>Leon, Alexis: Enterprise Resource Planning</p> <p>Magal, Simha R.; Word, Jeffrey: Integrated Business Processes with ERP Systems</p> <p>Monk, Ellen; Wagner, Bret: Concepts in Enterprise Resource Planning</p>