

Module title		Abbreviation
Business Software 2: Data-driven Business Process Management and Automation		12-M-ERP-242-m01
Module coordinator		Module offered by
Holder of the Chair of Business Management and Business Information Systems		Faculty of Business Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content: This module provides students with an overview of the structure of business information systems in width as well as the selection and implementation of business information systems in organisations.</p> <p>Outline of syllabus: 1. Integrated information systems: integration, standard software, system architectures, operating models 2. Selection of integrated information systems: methods, cost-benefit analysis 3. Implementation of integrated information systems: project management, project organisation, project marketing</p> <p>The lecture will be accompanied by an exercise that will present students with an opportunity to access, in small groups, the enterprise resource planning system operated by the Chair in its ERP laboratory and to work with the software, dealing with a wide variety of business processes.</p>		
Intended learning outcomes		
<p>After completing the course "Business Software 2", students will be able to</p> <ol style="list-style-type: none"> 1. differentiate between system architectures and -philosophies; 2. understand the interaction of business processes; 3. come to a selection decision for an ERP system using a structured approach and compare different ERP systems; 4. execute business tasks and processes in an ERP system independently (after participation in the practice lessons). 		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + Ü (2) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes, groups of 2: approx. 20 minutes, groups of 3: approx. 30 minutes) or c) term paper (15 to 20 pages)</p> <p>Assessment offered: Once a year, summer semester Language of assessment: German and/or English creditable for bonus</p>		
Allocation of places		
<p>50 places. WM1: Should the number of applications exceed the number of available places, places will be allocated as follows: 1) Master's students of Information Systems, Management and Econometrics will be given preferential consideration. (2) The remaining places will be allocated to students of other subjects.</p>		

(3) When places are allocated in accordance with (1) and (2) and the number of applications exceeds the number of available places, places will be allocated by lot among applicants from this group.

Additional information

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Workload

150 h

Teaching cycle

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Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module appears in

Master's degree (1 major) Management (2024)
 Master's degree (1 major) Information Systems (2024)
 Master's degree (1 major) International Economic Policy (2024)
 Master's degree (1 major) Econometrics (2024)