

Module title		Abbreviation
Applied Computer Science		12-Ainf-G-152-m01
Module coordinator		Module offered by
holder of the Chair of Information Systems Engineering		Faculty of Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
In this course, students will acquire an overview of the technical fundamentals and the development of business information systems.		
Intended learning outcomes		
<p>The module provides students with basic knowledge of:</p> <ul style="list-style-type: none"> <li>(i) Computer Architecture and System Software</li> <li>(ii) Design and modeling of databases</li> <li>(iii) Networks</li> <li>(iv) Software development</li> <li>(v) IT security</li> </ul>		
Courses (type, number of weekly contact hours, language — if other than German)		
V (2) + T (2)		
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) written examination consisting entirely or partly of multiple choice questions (approx. 60 minutes)  Language of assessment: German and/or English</p>		
Allocation of places		
<p>840 places.  (1) No restrictions with regard to available places for Bachelor's students of Wirtschaftswissenschaft (Business Management and Economics) (BSc with 180 ECTS credits), Wirtschaftsmathematik (Mathematics for Economics) (BSc with 180 ECTS credits), Wirtschaftsinformatik (Business Information Systems) (BSc with 180 ECTS credits) as well as Bachelor's students with the minor Wirtschaftswissenschaft (Business Management and Economics) (60 ECTS credits). (2) Additional places will be allocated to students of other subjects. (3) When places are allocated in accordance with (2) and the number of applications exceeds the number of available places, places will be allocated by lot among all applicants irrespective of their subjects. (4) Places on all courses of the module with a restricted number of places will be allocated in the same procedure. (5) A waiting list will be maintained and places re-allocated by lot as they become available.</p>		
Additional information		
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Workload		
150 h		
Teaching cycle		
Teaching cycle: no courses offered		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
<p>Bachelor's degree (1 major) Business Management and Economics (2015)  Bachelor's degree (1 major) Business Information Systems (2015)</p>		

Master's degree (1 major) China Business and Economics (2016)  
Bachelor's degree (1 major) Business Information Systems (2016)  
Master's degree (1 major) China Business and Economics (2019)