

Module title		Abbreviation
Information Economics - Software Project		12-WI-SWP-152-m01
Module coordinator		Module offered by
holder of the Chair of Business Management and Business Information Systems		Faculty of Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The module offers a software-oriented learning experience in group work that integrates various content types:</p> <ul style="list-style-type: none"> <li>• Students address software-oriented problems, analyze current and target states, and develop technical concepts that require both theoretical and practical knowledge.</li> <li>• Important project management techniques are taught, including work planning and time management. Students practice self-organized working methods and develop critical thinking and problem-solving skills.</li> <li>• The implementation of technical concepts into software-based information system solutions allows for the practical application of technical skills in software development and data management.</li> <li>• Teamwork and effective communication in diverse groups are emphasized.</li> </ul>		
Intended learning outcomes		
<p>The Information Economics - Software Project module aims to achieve the following learning outcomes:</p> <ol style="list-style-type: none"> <li>1. Subject-specific Competencies: Students learn to capture and design the current and target states in subject concepts. They apply this knowledge practically by implementing it in an information system solution (IS solution). Through intensive engagement with realistic problem situations, students broaden their basic knowledge and acquire specialized expertise that is up-to-date with current research</li> <li>2. Methodological Competencies: Students improve their problem-solving skills by independently addressing new and complex tasks in a project context and developing flexible strategies for solutions. They learn important aspects of project management, including planning, organizing, and executing projects within a team setting</li> <li>3. Practical Professional Competencies: Working on realistic and practice-relevant problem situations allows students to practically apply theoretical knowledge, thereby sharpening their professional skills. The implementation of an IS solution enables students to develop technical skills in the areas of information technology and systems development</li> <li>4. Interdisciplinary Competencies: By working in small project groups, students enhance their communication, cooperation, and conflict resolution skills.</li> </ol>		
Courses (type, number of weekly contact hours, language — if other than German)		
P (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>term paper (approx. 20 pages) and presentation (approx. 15 minutes), weighted 2:1            Language of assessment: German and/or English            creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
300 h		

**Teaching cycle**

Teaching cycle: each semester

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

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**Module appears in**

Bachelor's degree (1 major) Business Information Systems (2015)  
 Bachelor's degree (1 major) Business Information Systems (2016)  
 Bachelor's degree (1 major) Business Information Systems (2019)  
 Bachelor's degree (1 major) Business Information Systems (2020)  
 Bachelor's degree (1 major) Business Information Systems (2021)  
 Bachelor's degree (1 major) Business Information Systems (2023)