Hochschule München University of Applied Sciences

Courses in English
Course Description

Department	07 Computer Science and Mathematics
Course title	**Enterprise Architecture**
Course number	
Hours per week (SWS)	4
Number of ECTS credits	5
Course objective	After completing this course, students will be familiar with the theory behind the design and maintenance of enterprise-wide architectures and their diverse practical applications. They will be able to apply these methods themselves and evaluate the results of their work. Subject-Specific and Methodological Competencies: After completing this module, students will be able to understand the use of enterprise-wide architectures and apply the methods currently in use. Students will analyze existing areas and develop appropriate control procedures. Students will be able to critically evaluate these approaches through practical exercises in small teams. By taking this module, students develop an understanding of the application of enterprise-wide architectures within organizations, including their significance, possibilities, and limitations in both business processes and IT. Interdisciplinary Competence: Students learn to understand the complexity within organizations and to discuss it through case studies and teamwork.
Prerequisites	Software Engineering, Software Development, and Business Informatics from the Bachelor's program
Recommended reading	
Teaching methods	
Assessment methods	paper assignment
Language of instruction	English
Name of lecturer	
Email	
Link	https://zpa.cs.hm.edu/public/module/309/
Course content	Development and Maintenance of an Enterprise Architecture EAM Processes Business Architecture Data Architecture Application Architecture Gap Analysis Governance Processes for an Enterprise Architecture
Remarks	