

Module title		Abbreviation
Enterprise AI		12-M-EAI-252-m01
Module coordinator		Module offered by
holder of the Chair of Business Informatics and AI for Enterprise		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	graduate	--
Contents		
<p>Introduction to Enterprise AI            Business Requirements for AI Systems            ML Ops I: Data Engineering            ML Ops II: Obtaining Training Data            ML Ops III: Data Preprocessing            ML Ops IV: Feature Engineering            ML Ops V: Modeling &amp; Evaluation            ML Ops VI: Deployment            ML Ops VII: System Monitoring            ML Ops VIII: Updating in Production            Infrastructure and Tools            Managing Machine Learning Teams</p>		
Intended learning outcomes		
<p>In this course, you will learn the fundamentals for developing, deploying and maintaining machine learning systems in companies (MLOps). This includes an understanding of the associated IT infrastructure as well as staffing and organizational forms for managing machine learning and data science teams.</p> <p>You will refine and test your skills by practicing the theoretical concepts during exercise sessions. This includes a team project, where you and your peers will develop and deploy your own machine learning system.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)            Module taught in: English</p>		
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) term paper (approx. 15 pages) or            c) oral examination of one candidate each (approx. 20 minutes) or            d) portfolio (approx. 50 hours)            Language of assessment: English            Assessment offered: In the semester in which the course is offered creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		

**Teaching cycle**

Teaching cycle: summer semester

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

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**Module appears in**

Master's degree (1 major) Information Systems (2025)  
 Master's degree (1 major) International Economic Policy (2025)  
 Master's degree (1 major) Management (2025)  
 Master's degree (1 major) Management International (2025)  
 Master's degree (1 major) China Business and Economics (2025)  
 Master's degree (1 major) China Language and Economy (2025)  
 Master's degree (1 major) Economathematics (2025)