## Contents

**Content:**
This course provides students with an in-depth overview of the structure and the application areas of business management information systems in enterprises and public institutions.

**Outline of syllabus:**
1. What is software: concepts, categories, application
2. Software life cycle: duration, phases, steps
3. As-is analysis: tasks, problems
4. To-be concept: system design, data design, dialog design, function design
5. Object orientation: paradigm shift
6. Change management: meaning, methodologies, project management
7. Office automation: tasks, areas of application

**Intended learning outcomes**
After completing the course “Integrated Information Processing”, students will be able to
(i) understand the importance of integration in enterprises, especially in information systems;
(ii) assess the progress of development of a software project, estimate cycle costs, know and consider requirements, which brings a software implementation with;
(iii) select the correct procedures or practices in an as-is analysis and target conception and practically apply (with participation in the exercise);
(iv) understand the importance of change management and project management and know the appropriate methods for specific applications.

**Courses** (type, number of weekly contact hours, language — if other than German)
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**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
written examination (approx. 60 minutes)
Language of assessment: German and/or English
creditable for bonus

**Allocation of places**
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**Additional information**
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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) Economathematics (2016)
Master's degree (1 major) Business Information Systems (2016)
Master's degree (1 major) Business Management (2015)
| Master's degree (1 major) China Business and Economics (2016) |
| Master's degree (1 major) China Language and Economy (2016) |
| Master's degree (1 major) Management (2018) |
| Master's degree (1 major) International Economic Policy (2018) |
| Master's degree (1 major) China Business and Economics (2019) |
| Master's degree (1 major) China Language and Economy (2019) |
| Master's degree (1 major) (2019) |