

| Module title | | Abbreviation |
|--|-------------------|--------------------------------------|
| Business Intelligence | | 12-BIF-262-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 | | |
| Technologies and methods of "Business Intelligence" are aimed at supporting managerial decision-making processes by analyzing and presenting large amounts of data. The module provides an overview of the corresponding analytical information systems, their technical architecture and areas of application. In the practical exercises, the concepts taught are practically demonstrated and applied by the example of a state-of-the-art BI software suite. | | |
| Intended learning outcomes | | |
| <ul style="list-style-type: none"> • Understand the technological foundations of data warehouses and BI tools. • Analyse and design conceptual models for analytical information systems. • Apply real-world BI software products to analyse large structured data sets. | | |
| Courses (type, number of weekly contact hours, language — if other than German) | | |
| V (2) + Ü (2) Module taught in: German and/or English | | |
| Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus) | | |
| a) written examination (approx. 60 to 120 minutes) or b) portfolio (approx. 50 hours total) Language of assessment: German and/or English creditable for bonus | | |
| Allocation of places | | |
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| Additional information | | |
| Qualification goal: scientific competences | | |
| Workload | | |
| 150 h | | |
| Teaching cycle | | |
| Teaching cycle: every year, winter semester | | |
| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| keinem Studiengang zugeordnet | | |