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| Module title | | Abbreviation |
| Advanced Web Engineering | | 12-AWE-152-m01 |
| Module coordinator | | Module offered by |
| Holder of the Chair of Information Systems Engineering | | Faculty of Business 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 | | |
| The module provides an introduction to the development of web-based applications based on current development systems, software components and frameworks. | | |
| Intended learning outcomes | | |
| <ul style="list-style-type: none"> - Understand the technological foundations of web applications - Designing the architecture and data model of an application system - Implementing with the help of SW components and frameworks | | |
| Courses (type, number of weekly contact hours, language — if other than German) | | |
| V (2) + Ü (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) | | |
| a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or c) completion of programming exercises (approx. 20 hours) and written examination (approx. 60 minutes), weighted 1:1 Language of assessment: German and/or English | | |
| Allocation of places | | |
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| Additional information | | |
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| Workload | | |
| 150 h | | |
| Teaching cycle | | |
| -- | | |
| Referred to in LPO I (examination regulations for teaching-degree programmes) | | |
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| Module appears in | | |
| Bachelor' degree (1 major) Business Management and Economics (2015) Bachelor' degree (1 major) Economathematics (2015) Bachelor' degree (1 major) Business Information Systems (2015) Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2015) Bachelor' degree (1 major) Business Information Systems (2016) Bachelor' degree (1 major) Economathematics (2017) Bachelor' degree (1 major) Business Information Systems (2019) Bachelor' degree (1 major) Business Management and Economics (2019) Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2019) Bachelor' degree (1 major) Business Information Systems (2020) Master's degree (1 major) China Business and Economics (2021) | | |

Bachelor' degree (1 major) Business Information Systems (2021)
Bachelor' degree (1 major) Econometrics (2021)
Bachelor' degree (1 major) Business Management and Economics (2021)
Bachelor's degree (1 major, 1 minor) Business Management and Economics (Minor, 2021)
Bachelor' degree (1 major) Econometrics (2022)
exchange program Business Management and Economics (2022)