Module title
Mobile and Ubiquitous Systems

Abbreviation
12-M-MUS-152-m01

Module coordinator
holder of the Chair of Information Systems Engineering

Module offered by
Faculty of Business Management and Economics

ECTS
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Method of grading
numerical grade

Only after succ. compl. of module(s)
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Duration
1 semester

Module level
graduate

Other prerequisites
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Contents
The course will provide students with an overview of basic technologies and business applications of mobile and ubiquitous computing. Exercises running in parallel to lectures will present students with an opportunity to gain experience with mobile development platforms.
Prerequisite for participation in this module: knowledge of the basics of e-business; basic experience with software development tools would be an asset for exercises.

Intended learning outcomes
The module provides students with knowledge of:
(i) Mobile Infrastructure
(ii) Mobile Business
(iii) The Auto-ID technologies
(iv) Smart Metering
(v) Sensor networks and localization systems

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)
a) written examination (approx. 60 minutes) or b) written examination consisting entirely or partly of multiple/single choice questions (approx. 60 minutes) or c) oral examination (one candidate each: 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or d) entirely or partly computerised 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) Media Communication (2015)