**Module title**
Mobile and Ubiquitous Systems

**Abbreviation**
12-M-MUS-132-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**
V + Ü (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**
(a) written examination (approx. 60 minutes) or
(b) written examination consisting entirely or partly of multiple/single choice questions (approx. 60 minutes) or
(c) presentation (approx. 20 to 30 minutes) with written elaboration (approx. 20 pages), weighted 1:2 or
(d) oral examination (one candidate each: approx. 10 to 15 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes) or
(e) presentation (approx. 20 minutes) and written examination (approx. 60 minutes), weighted 1:3 or
(f) entirely or partly computerised written examination (approx. 60 minutes)

Language of assessment: German, English

**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) Business Information Systems (2013)
Master's degree (1 major) Media Communication (2014)
Master's degree (1 major) Business Management (2013)
Master's degree (1 major) Economics (2013)