**Module title**  
Mobile and Ubiquitous Systems

**Abbreviation**  
12-M-MUS-102-m01

**Module coordinator**  
holder of the Chair of Information Systems Engineering

**Module offered by**  
Faculty of Business Management and Economics

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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tr>
<td>5</td>
<td>numerical grade</td>
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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

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<thead>
<tr>
<th>(type, number of weekly contact hours, language — if other than German)</th>
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<td>V + Ü (no information on SWS (weekly contact hours) and course language available)</td>
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## Method of assessment

The method of assessment will be specified at the beginning of each exercise.  
a) written examination (approx. 60 minutes) or b) presentation (approx. 20 minutes) with written elaboration (approx. 15 to 20 pages), weighted 1:2 or c) 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 (as specified)

## 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 (2011)