

<b>Module title</b>		<b>Abbreviation</b>
Mobile and Ubiquitous Systems		12-M-MUS-161-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Information Systems Engineering		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>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.</p> <p>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.</p>		
<b>Intended learning outcomes</b>		
<p>The module provides students with knowledge of:</p> <ul style="list-style-type: none"> <li>(i) Mobile Infrastructure</li> <li>(ii) Mobile Business</li> <li>(iii) The Auto-ID technologies</li> <li>(iv) Smart Metering</li> <li>(v) Sensor networks and localization systems</li> </ul>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
Ü (2) + V (2)		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 minutes) or b) oral examination (one candidate each: approx. 15 to 20 minutes; groups of 2: approx. 20 minutes; groups of 3: approx. 30 minutes)</p> <p>Language of assessment: German and/or English</p> <p>creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Economathematics (2016)</p> <p>Master's degree (1 major) Business Information Systems (2016)</p> <p>Master's degree (1 major) Business Management (2015)</p> <p>Master's degree (1 major) China Business and Economics (2016)</p> <p>Master's degree (1 major) International Economic Policy (2015)</p> <p>Master's degree (1 major) Media Communication (2016)</p> <p>Master's degree (1 major) China Language and Economy (2016)</p> <p>Master's degree (1 major) Media Communication (2018)</p> <p>Master's degree (1 major) Management (2018)</p> <p>Master's degree (1 major) China Business and Economics (2019)</p> <p>Master's degree (1 major) China Language and Economy (2019)</p>		

Master's degree (1 major) Media Communication (2019)  
Master's degree (1 major) (2019)