

<b>Module title</b>		<b>Abbreviation</b>
Embedded Systems in Robotics and Space Technology		10-LURI=ESRR-232-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Computer Science VIII		Institute of Computer Science
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Completion of a practical task.		
<b>Intended learning outcomes</b>		
The practical enables the participants to implement an embedded system for an application in the field of space technology/robotics.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
R (8) Module taught in: German and/or English		
<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)		
Practical project: development, construction and presentation of an embedded system (project documentation (approx. 20 pages) with presentation (30 to 45 minutes) and subsequent discussion on the topic) Language of assessment: German and/or English		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</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>		
Master's degree (1 major) Aerospace Computer Science (2023)		