

Module title		Abbreviation
Robotics 1		10-xtAI=RO1-202-m01
Module coordinator		Module offered by
holder of the Chair of Computer Science XVII		Institute of Computer Science
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
The fundamental concepts, definitions and approaches of robotics. Basic numerical and analytical methods and algorithms from robotics. Theoretical or practical skills on work processes, position detection and movement sequences of robots.		
Intended learning outcomes		
The students have knowledge of the fundamental concepts and definitions of robotics. They have theoretical or practical skills in basic methods of robotics.		
Courses (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (2) Module taught in: English		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
Written examination (approx. 60 to 120 minutes) If announced by the lecturer at the beginning of the course, the written examination may be replaced by an oral examination of one candidate each (approx. 20 minutes) or an oral examination in groups of 2 candidates (approx. 15 minutes per candidate). Language of assessment: English Creditable for bonus		
Allocation of places		
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Additional information		
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Workload		
150 h		
Teaching cycle		
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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) eXtended Artificial Intelligence (xtAI) (2020)		