

<b>Module title</b>		<b>Abbreviation</b>
Natural Language Processing 1		10-xtAI=NLP1-202-m01
<b>Module coordinator</b>		<b>Module offered by</b>
Dean of Studies Informatik (Computer Science)		Institute of Computer Science
<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>		
Foundations in the following areas: Basic theoretical and practical knowledge in the field of natural language processing (NLP). Classical problems of word processing and information extraction. Methods and algorithms for their solution and their practical implementation.		
<b>Intended learning outcomes</b>		
The students have the theoretical and practical knowledge of typical procedures and algorithms in the field of NLP. They are able to solve practical problems with the help of the methods taught. They have experience in the application or implementation of NLP algorithms.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) + Ü (2) Module taught in: 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)		
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		
<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>		
Master's degree (1 major) eXtended Artificial Intelligence (xtAI) (2020)		