Module title	Abbreviation
Natural Language Processing 1	10-AI=NLP1-242-m01

Module coordinator	Module offered by
holder of the Chair of Computer Science XII	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

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.

Intended learning outcomes

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.

Courses (type, number of weekly contact hours, language — if other than German)

V (2) + Ü (2)
Module taught in: German and/or 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: German and/or 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) Artificial Intelligence (2024)