Module title			Abbreviation
Multimedia Analysis 1			10-I=MMA1-252-m01
Module coordinator		**Module offered by**	
Dean of Studies Informatik (Computer Science)		Institute of Computer Science	
ECTS	**Method of grading**	**Only after succ. compl. of module(s)**	
10	numerical grade	--	
Duration	**Module level**	**Other prerequisites**	
1 semester	graduate	--	

Contents

Advanced techniques for the analysis of multimodal data (e.g. audio/music processing, image processing) using machine learning methods. Discussion and evaluation of such methods in the context of the computational humanities.

Intended learning outcomes

Students have a fundamental understanding of the respective data types as well as theoretical and practical knowledge in the field of multimedia processing. They have gained experience with typical tasks and are able to understand, apply, further develop and evaluate the algorithms.

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

V (2) + Ü (2) + T (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

300 h

Teaching cycle

Teaching cycle: every year, summer semester

Referred to in LPO I (examination regulations for teaching-degree programmes)

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Module appears in

Master's degree (1 major) Computational Humanities (2025)