Module title	Abbreviation
AI&XR Lab 2	10-xtAI=L2-242-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

Based on the knowledge and competencies from the AI&XR Lab1, specific methods are identified to extend the existing AI&XR application prototype and develop it into a fully functional application. In order to meet the requirements of an AI&XR application prototype, more advanced data processing and mining approaches are taught. Within the AI&XR Lab2 the basic theoretical and practical competences for the design and extension of AI&XR applications are learned.

Intended learning outcomes

By the completion of AI&XR Lab 2, students have concluded the entire development cycle of an AI&XR application. The knowledge acquired now reaches deep into the programmatic details of complex AI&XR applications. At the same time, students have learned to design and implement artificial intelligence systems in current frameworks.

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

R (6)
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)

Project: report (approx. 20 pages) with presentation (30 to 45 minutes) and subsequent discussion on the topic
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

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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 & Extended Reality (2024)