

<b>Module title</b>		<b>Abbreviation</b>
xtAI Lab 3		10-xtAI=L3-202-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>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>In the XtAI courses, basic aspects and competences are taught, which the students can comprehend in the corresponding exercises. In the XtAI Lab3 these different competences and aspects are integrated to develop a comprehensive XtAI application on their own. As in the XtAI Lab1 and 2, the projects are worked on in groups. Depending on the students' interests, highly specialized and innovative applications from the XtAI field can be developed. Lectures and exercises consolidate the necessary theoretical concepts or practical skills.</p>		
<b>Intended learning outcomes</b>		
<p>At the end of the XtAI Lab3, students have a deeper understanding of the architectures of XtAI applications and the interaction of the individual components and solutions. In particular, students are able to design extensive XtAI projects and make complex modifications to AI models.</p>		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
R (6) 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)		
<p>Project: report (approx. 20 pages) with presentation (30 to 45 minutes) and subsequent discussion on the topic            Language of assessment: English            Creditable for bonus</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
300 h		
<b>Teaching cycle</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)		