

<b>Module title</b>		<b>Abbreviation</b>
xtAI Lab 2		10-xtAI=L2-202-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>Based on the knowledge and competencies from the XtAI Lab1, specific methods are identified to extend the existing XtAI application prototype and develop it into a fully functional application. In order to meet the requirements of an XtAI application prototype, more advanced data processing and mining approaches are taught. Within the XtAI Lab2 the basic theoretical and practical competences for the design and extension of XtAI applications are learned.</p>		
<b>Intended learning outcomes</b>		
<p>By the completion of XtAI Lab 2, students have concluded the entire development cycle of an XtAI application. The knowledge acquired now reaches deep into the programmatic details of complex XtAI applications. At the same time, students have learned to design and implement artificial intelligence systems in current frameworks.</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)		