

Module title		Abbreviation
Artificial neural networks: An introduction to basic principles, applications and data evaluation		o6-PSY-KNN-091-mo1
Module coordinator		Module offered by
chairperson of examination committee		Institute of Psychology
ECTS	Method of grading	Only after succ. compl. of module(s)
3	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
Neural networks are applied in many branches of Psychology and simulate the processing of information. The students become acquainted with the basic principles of neural networks by means of selected examples.		
Intended learning outcomes		
The students are able to identify application fields of neural networks. They advance their research competencies by acquiring an elaborated research method, which they can apply to self-developed questions during the further course of studies..		
Courses (type, number of weekly contact hours, language – if other than German)		
S (no information on SWS (weekly contact hours) and course language available)		
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. 90 minutes)		
Allocation of places		
Number of places: approx. 15. Places will be allocated by lot.		
Additional information		
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Workload		
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Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Psychology (2010)		