

Courses in the winter term 2023/24, 2024 examination regulations

Note: All mandatory elective courses ("Wahlpflichtbereich") can usually also be assigned to the Bachelor and Master Electives ("profilbildender Wahlbereich", CS-BW and CS-MW), even if this assignment is not explicitly stated below. Study Projects and Accompanying Seminars ("Begleitseminare") are for Masters' students only. For more information about the module identifiers, see the module descriptions here: https://www.ikw.uni-osnabrueck.de/fileadmin/user_upload/study_information/Modulbeschreibungen_CognitiveScience_2024-08.pdf

No.	Name	Workgroup	Lecturers	ECTS	BSc. Module	MSc. Module
8.3575	Practical cognitive science communication	Artificial Intelligence	Frohn, Sabrina	8	CS24-BW	CS24-MW
8.3125	Cognitive human-computer interaction	Artificial Intelligence	Kühnberger, Kai-Uwe	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3018	Methods of AI (Lecture)	Artificial Intelligence	Kühnberger, Kai-Uwe, Muhammad Abdelmoneim, Nohayr	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3019	Methods of AI (Seminar)	Artificial Intelligence	Kühnberger, Kai-Uwe, Muhammad Abdelmoneim, Nohayr	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3108	Artificial Intelligence and the Web	Artificial Intelligence	Thelen, Tobias	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3460	AI in public discourse	Artificial Intelligence	Thelen, Tobias	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3134	Building tools for politically sensitive language use	Artificial Intelligence	Thelen, Tobias, Frohn, Sabrina, Gasser, Lucy	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3111	Atypical language development	Cognitive Modelling	Achimova, Asya	6	CS24-BWP-LING-x	CS24-MWP-LING-x
8.3413	Introduction to Statistics and Data Analysis	Cognitive Modelling	Achimova, Asya	8	CS24-BP-SDA	CS24-MW
8.3016	Foundations of Cognitive Science	Cognitive Modelling	Hohenberger, Annette	3	CS24-BP-FCS	CS24-MW
8.3120	Cognitive Science in Cultural Perspective	Cognitive Modelling	Hohenberger, Annette	6	CS24-BWP-CMP-x	CS24-MWP-CMP-x
8.3120	Tools and the Mind	Cognitive Modelling	Hohenberger, Annette	6	CS24-BWP-CMP-x	CS24-MWP-CMP-x
8.3133	Academic Writing in the Empirical Domains of Cognitive Science	Cognitive Modelling	Hohenberger, Annette, Gerdes, Janna	4	CS24-BW	CS24-MW
8.3552	Study Project: The mentality of apes by Wolfgang Köhler: One century later (Part III)	Comparative Biocognition	Pika, Simone	12	/	CS24-MP-SP
8.3553	Begleitseminar zum Studienprojekt: The mentality of apes by Wolfgang Köhler: One century later (Part III)	Comparative Biocognition	Pika, Simone	6	/	CS24-MWP-CBC-x
8.3128	Modeling in Cognitive Science	Computational Neuroscience	Musslick, Sebastian	8	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3220	Optimizing Experiment Design	Computational Neuroscience	Weinhardt, Daniel	4	CS24-BWP-CMP-x	CS24-MWP-CMP-x
8.3130	Auditory Display	Computer Vision	Heidemann, Gunther	4	CS24-BWP-CV-x	CS24-MWP-CV-x
8.3288	Advanced Machine Learning	Computer Vision	Heidemann, Gunther	4	CS24-BWP-CV-x	CS24-MWP-CV-x
8.3068	Computer Vision (Lecture + Practice)	Computer Vision	Heidemann, Gunther, Krumnack, Ulf, Niehaus, Lukas	12	CS24-BWP-CV-x	CS24-MWP-CV-x
8.3576	Study Project: Promoting your wellbeing - Theory and practice (Part III)	Computer Vision	Krumnack, Ulf	12	/	CS24-MP-SP, CC24-MP-SP
8.3577	Begleitseminar zum Studienprojekt: Promoting your wellbeing - Theory and practice (Part III)	Computer Vision	Krumnack, Ulf	6	/	CS24-MWP-AI-x
8.3122	Reading Club: The Principles of Deep Learning Theory	Computer Vision	Krumnack, Ulf, Muhammad Abdelmoneim, Nohayr	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3121	Deep Representation Learning	Computer Vision	Krumnack, Ulf, Niehaus, Lukas, Brima, Yusuf	4	CS24-BWP-CV-x	CS24-MWP-CV-x
8.3110	Feminist Ethics (Block course)	Ethics of AI	Lindemann, Nora Freya	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3101	Introduction to Aristotle's Ethics	Ethics of AI	Mühlhoff, Rainer	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3102	Colloquium Ethics and Critical Theories of Artificial Intelligence	Ethics of AI	Mühlhoff, Rainer	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3103	Study Project: Data Ethics Outreach Lab Part IV	Ethics of AI	Mühlhoff, Rainer	12	/	CS24-MP-SP
8.3104	Data Ethics Outreach Lab (Begleitseminar zum Studienprojekt)	Ethics of AI	Mühlhoff, Rainer	6	/	CS24-MWP-EAI-x
8.3109	Marxist Feminism and Black Marxism	Ethics of AI	Schütze, Paul	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.4425	Familienethik	Institut für Philosophie	Boshammer, Susanne	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.4427	Miranda Fricker: Epistemische Ungerechtigkeit	Institut für Philosophie	Boshammer, Susanne	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.4428	Einführung in die Ethik	Institut für Philosophie	Boshammer, Susanne	4	CS24-BWP-EAI-x	CS24-MW
8.4429	Theseus, Trans* und Teleportation: Themen der Personalen Identität (von Locke bis Nozick)	Institut für Philosophie	Brinz, Johannes	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.4419	Sexualethik in der Philosophiegeschichte von Antike bis (Post-)Moderne	Institut für Philosophie	Buning, Leonie	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.4435	Inner Speech - A Philosophical Perspective	Institut für Philosophie	Kompa, Nikola	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.4431	Philosophical Issues Surrounding ChatGPT + Co.	Institut für Philosophie	Lowe, Charles	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
SPZ 1.510	English for Studying Cognitive Science and Psychology: Introduction to Academic English	Language Center	Lauterbach, Frank	4	CS24-BW	CS24-MW
SPZ 1.550	English for Studying Cognitive Science and Psychology: Academic English Skills for Master and Advanced Bachelor Students	Language Center	Lauterbach, Frank	4	CS24-BW	CS24-MW
8.3611	Study Project: Bed of the Future (Part II)	LE Cognitive Science	Appel, Kristoffer, Appel, Kristoffer	12	/	CS24-MP-SP
8.3383	Language and Communication Colloquium	LE Cognitive Science	Gotzner, Nicole, Hohenberger, Annette, Pika, Simone, Bruni, Elia	2	CS24-BW	CS24-MW
8.3029	Colloquium of the Institute of Cognitive Science	LE Cognitive Science	Hörzer, Gregor Michael, Pipa, Gordon, Kobrock, Kristina, Walter, Jasmin, Nolte, Debora, Grasso Cladera, Aitana	2	CS24-BW	CS24-MW
8.3017	Interdisciplinary Course: Lab Rotation	LE Cognitive Science	Lehrende IKW	12	/	CS24-MW
8.3132	Evaluation of Cognitive Enhancement Technologies	LE Cognitive Science	Schöning, Julius	4	CS24-BWP-AI-x	CS24-MWP-AI-x
8.3562	Machine learning in cognitive computational neuroscience	Machine Learning	Kietzmann, Tim Christian, Thorat, Sushrut, Sommers, Rowan	8	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3470	Deep learning for natural language processing	Natural Language Processing	Bruni, Elia	8	CS24-BWP-CL-x	CS24-MWP-CL-x
8.3546	Advanced NLP	Natural Language Processing	Bruni, Elia	4	CS24-BWP-CL-x	CS24-MWP-CL-x
8.3304	Implementing ANNs with TensorFlow	Natural Language Processing	Bruni, Elia, Jassim, Serwan	8	CS24-BWP-CL-x	CS24-MWP-CL-x
8.3578	Study Project: Emergent behaviors in a multi-agent system with reinforcement learning (Part III)	Natural Language Processing	Bruni, Elia, Mayer, Julius	12	/	CS24-MP-SP, CC24-MP-SP
8.3579	Begleitseminar zum Studienprojekt: Emergent behaviors in a multi-agent system with reinforcement learning (Part III)	Natural Language Processing	Bruni, Elia, Mayer, Julius	6	/	CS24-MWP-CL-x
8.3610	MicrocosmAI - Research in the field of emergence in multi-agent systems with reinforcement learning, Part II	Natural Language Processing	Bruni, Elia, Mayer, Julius	12	/	CS24-MP-SP, CC24-MP-SP

8.3416	Action & Cognition (Visual System)	Neurobiopsychology	König, Peter	4	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3492	Action & Cognition Seminar Higher Cognitive Functions	Neurobiopsychology	König, Peter	4	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3588	Study Project: Sensory augmentation and grasping movements (Part II)	Neurobiopsychology	König, Peter	12	/	CS24-MP-SP, CC24-MP-SP
8.3589	Begleitseminar zum Studienprojekt: Sensory augmentation and grasping movements (Part II)	Neurobiopsychology	König, Peter	6	/	CS24-MWP-CNS-x
8.3106	Study Project: Human-A and EEG	Neurobiopsychology	König, Peter, Nolte, Debora, Sanchez Pacheco, Tracy	12	/	CS24-MP-SP, CC24-MP-SP
8.3127	Study Project: Dyadic eye tracking in virtual reality to investigate visual interaction (Part I)	Neurobiopsychology	König, Peter, Nolte, Debora, Walter, Jasmin	12	/	CS24-MP-SP, CC24-MP-SP
8.3075	Quest (Independent Study Course)	Neurobiopsychology	König, Peter, Schmidt, Vincent	4	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3112	Journal Club "Spatial Cognition"	Neurobiopsychology	König, Peter, Schmidt, Vincent	4	CS24-BWP-CNS-x	CS24-MWP-CNS-x
8.3047	Neuroinformatics (Lecture + Tutorial)	Neurocomputation	Nieters, Pascal	12	CS24-BP-NI	CS24-MW
8.3126	Introduction to sleep and dreams [Blockseminar]	Neuroinformatics	Pipa, Gordon, Lüth, Katharina		CS24-BWP-CMP-x	CS24-MWP-CMP-x
8.3507	Introduction to Logic and Critical Thinking	Philosophy of Mind and Cognition	Hörzer, Gregor Michael	6	CS24-BP-LOG	CS24-MW
8.3123	Reduction and Emergence	Philosophy of Mind and Cognition	Loock, Louis	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3023	Anleitung zum wissenschaftlichen Arbeiten	Philosophy of Mind and Cognition	Meyer, Uwe	6	CS24-BW	CS24-MW
8.3113	Principles of Biomedical Ethics (Beauchamp, Childress) A	Philosophy of Mind and Cognition	Meyer, Uwe	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3114	Principles of Biomedical Ethics (Beauchamp, Childress) B	Philosophy of Mind and Cognition	Meyer, Uwe	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3115	Vernunft, Gefühl, das Gute	Philosophy of Mind and Cognition	Meyer, Uwe	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3124	Objective and Subjective Perspectives on Mind, Knowledge, Ethics, Life, and Death (Intensive Course)	Philosophy of Mind and Cognition	Meyer, Uwe	6	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3116	Forschungsseminar: Wirklichkeit – Kritik – Verstehen A	Philosophy of Mind and Cognition	von Maur, Imke	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3117	Forschungsseminar: Wirklichkeit – Kritik – Verstehen B	Philosophy of Mind and Cognition	von Maur, Imke	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3131	AI and education - Explaining what ChatGPT is (not)	Philosophy of Mind and Cognition	von Maur, Imke	4	CS24-BWP-EAI-x	CS24-MWP-EAI-x
8.3118	Boy Meets Girl - Deconstructing Myths about Intimate Relationships	Philosophy of Mind and Cognition	Walter, Sven	4	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3119	Think like a Feminist	Philosophy of Mind and Cognition	Walter, Sven	6	CS24-BWP-PHIL-x	CS24-MWP-PHIL-x
8.3599	Study Project: Why do the folk believe that free will is an illusion? (Part II)	Philosophy of Mind and Cognition	Walter, Sven	12	/	CS24-MP-SP
8.3053	Reading Club "Affectivity"	Philosophy of Mind and Cognition	Walter, Sven, Hörzer, Gregor Michael	2	CS24-BW	CS24-MW
8.3584	Psychosemantics	Psycho- and Neurolinguistics	Gotzner, Nicole	6	CS24-BWP-LING-x	CS24-MWP-LING-x
8.3105	Block Seminar: Inventing a new language	Psycho- and Neurolinguistics	Gotzner, Nicole, Hoeks, Morwenna	4	CS24-BWP-LING-x	CS24-MWP-LING-x
8.3596	Study Project: The secret lives of adjectives: The Psycholinguistics of adjective use (Part II)	Psycho- and Neurolinguistics	Tourtouri, Elli	12	/	CS24-MP-SP
8.3597	Begleitseminar zum Studienprojekt: The secret lives of adjectives: The Psycholinguistics of adjective use (Part II)	Psycho- and Neurolinguistics	Tourtouri, Elli	6	/	CS24-MWP-LING-x