
Master's Program in Data Science – Interdisciplinary Electives
Neural Information Processing

Students must decide for **one** specific area within the Interdisciplinary Electives and attend at least two courses worth 8-12 credits within this area.

The course compilation Neural Information Processing introduces students to principles and models of information processing in neural systems and examines their application in neuromorphic artificial intelligence technology, and clinical problems in psychiatry.

Number	Title	Credits	Semester	Language
227-0421-00	Learning in Deep Artificial and Biological Neuronal Networks	4	Autumn	EN
227-1033-00	Neuromorphic Engineering I	6	Autumn	EN
227-1037-00	Introduction to Neuroinformatics	6	Autumn	EN
227-1051-00	Systems Neuroscience	6	Autumn	EN
227-0973-00	Translational Neuromodeling	8	Spring	EN
227-0395-00	Neural Systems	6	Spring	EN
227-1032-00	Neuromorphic Engineering II	6	Spring	EN
227-1034-00	Computational Vision	6	Spring	EN
227-1048-00	Neuromorphic Intelligence	6	Spring	EN