

Human Neuroscience and Technology

Basic information

Code: SCI3067

Extent: 20 - 25 credits

Language: English

Teacher in charge: Lauri Parkkonen

Administrative contact: Study coordinator Päivi Koivunen

Target group: Anyone interested in understanding the basics of human neurocognitive functions.

Application procedure: Open for all students of Aalto University

Quotas and restrictions: No quotas

Prerequisites: No prerequisites for the minor as a whole, some courses may have their own prerequisites.

Content and structure of the minor

To provide students with the basics of human neurocognitive functions. Such knowledge is useful, e.g. in developing new types of human-computer interfaces and health technology applications.

The minor includes 10 credits of compulsory courses and 10 - 15 credits of elective courses. Suitable elective courses can be selected from the list below.

Structure of the minor

Code	Name	Credits
Compulsory courses		10
NBE-E4210	Structure and Functions of the Human Brain	5
NBE-E4225	Cognitive Neuroscience	5
Elective courses		10 - 15
Select as many courses as needed to fulfill the 20 - 25 credit requirement		
NBE-E4000	Principles of Biomedical Imaging	5
NBE-E4045	Functional brain Imaging	5
NBE-E4240	Advanced Course on Human Neuroscience	5