

CURRICULUM OF THE MSC IN COMPUTATIONAL AND COGNITIVE NEUROSCIENCES PROGRAMME 2019 (full time)¹

PROPOSED MOBILITY WINDOW: 3. semester

course code	course title	type of course	type of mark	credit	hours per week	recommended semester*	prerequisites**		
Basic Subject I.²									
CCNM17-101	Introduction to Cognitive Science	lecture	exam	2	2	1			
Basic Subjects II. after Psychologist BA² (12 credit)									
CCNM17-102	Mathematics	seminar	exam	4	4	1			
CCNM17-203	Epistemology	seminar	exam	4	2	1			
CCNM17-104	Informatics	seminar	exam	4	4	1			
CCNM17-205	Philosophy of Language	lecture	exam	4	2	1			
Basic Subjects II. after Biologist BSc² (12 credit)									
CCNM17-203	Epistemology	seminar	exam	4	2	1			
CCNM17-106	Logic and Logical Semantics	seminar	exam	4	4	1			
CCNM17-104	Informatics	seminar	exam	4	4	1			
CCNM17-205	Philosophy of Language	seminar	practice mark	4	2	1			
Basic Subjects II. after Communication BA² (12 credit)									
CCNM17-102	Mathematics	seminar	exam	4	4	1			
CCNM17-107	Statistics and Methodology	seminar	exam	4	4	1			
CCNM17-208	Neurobiology	seminar	exam	4	2	2			
Basic Subjects II. after Philosophy BA² (12 credit)									
CCNM17-102	Mathematics	seminar	exam	4	4	1			
CCNM17-107	Statistics and Methodology	seminar	exam	4	4	1			
CCNM17-208	Neurobiology	seminar	exam	4	2	2			
CCNM17-104	Informatics	seminar	exam	4	4	1			
Basic Subjects II. after Linguistics BA² (12 credit)									
CCNM17-102	Mathematics	seminar	exam	4	4	1			
CCNM17-107	Statistics and Methodology	seminar	exam	4	4	1			
CCNM17-208	Neurobiology	seminar	exam	4	2	2			
CCNM17-104	Informatics	seminar	exam	4	4	1			
Basic Subjects II. after Programmer BSc² (12 credit)									
CCNM17-208	Neurobiology	seminar	exam	4	2	2			
CCNM17-203	Epistemology	seminar	exam	4	2	1			
CCNM17-205	Philosophy of Language	seminar	exam	4	2	1			
Basic Subjects II. after Engineering BSc² (12 credit)									
CCNM17-208	Neurobiology	seminar	exam	4	2	2			
CCNM17-203	Epistemology	seminar	exam	4	2	1			
CCNM17-205	Philosophy of Language	seminar	exam	4	2	1			

course code	course title	type of course	type of mark	credit	hours per week	recommended semester*	prerequisites**		
Core Curriculum									
CCNM17-209	Cognitive Psychology 1.	lecture	exam	6	2	1			
CCNM17-110	Cognitive Psychology 2.	lecture	exam	2	2	2			
CCNM17-111	Cognitive Psychology Practical	practice	practice mark	2	2	2			
CCNM17-112	Philosophy of Science	lecture	exam	4	4	1			
CCNM17-213	Computer Programming	seminar	exam	4	2	2			
CCNM17-214	Intelligent Systems	seminar	exam	4	2	2			
CCNM17-215	Evolutionary Psychology	seminar	exam	4	2	1			
CCNM17-216	Neuropsychology	seminar	exam	4	2	1			
CCNM17-217	Philosophy of Mind	seminar	exam	4	2	2			
CCNM17-218	Psycholinguistics	seminar	exam	4	2	1			
CCNM17-219	Semantics and Knowledge Representation	seminar	exam	4	2	2			
CCNM17-220	Project Work (Intro to Research)	practice	practice mark	4	4	2			
DIFFERENTIATED PROFESSIONAL MATERIAL									
Specialisation in Cognitive Models of Science									
CCNM17-CM-101	Theory of Science	lecture	exam	4	4	3			
CCNM17-CM-102	Cognitive Movement in the Philosophy of Science	seminar	exam	4	4	3			
CCNM17-CM-103	Historical Reconstruction of Scientific Thinking	lecture	exam	2	2	3			
CCNM17-CM-104	Human Ethology	lecture	exam	2	2	3			
CCNM17-CM-106	Cognitive Anthropology	lecture	exam	2	2	3			
CCNM17-CM-107	Sociology of Knowledge	lecture	exam	2	2	3			
CCNM17-CM-108	required elective courses ³	lecture	exam	8	2-4	3, 4			
CCNM17-CM-109	Project work	practice	practice mark	10	12	4			
Specialisation in Cognitive Neuroscience									
CCNM17-CN-201	Cognitive/Affective Neuroscience	lecture	exam	4	2	3			
CCNM17-CN-202	Cognitive/Affective Neuropsychology	lecture	exam	4	3	3			
CCNM17-CN-209	required elective courses	seminar/ practice	exam/ practice mark	4	2	3			
CCNM17-CN-210	required elective courses	lecture	exam	2	2	3			
CCNM17-CN-106	Human Ethology	lecture	exam	2	2	3			
CCNM17-CN-107	required elective courses ³	lecture	exam	8	2-4	3, 4			
CCNM17-CN-108	Project Work	practice	practice mark	10 ⁴	12	4			

course code	course title	type of course	type of mark	credit	hours per week	recommended semester*	prerequisites**		
	optional courses			6		1-3			
CCNM17-SZD	Thesis	thesis consultation	thesis	20 ⁴	12	4			
	Altogether			120					

* These are the recommended semesters in which the students are suggested to fulfil the requirements. If the students follow this recommendation they will be able to

** According to the time of the compulsory completion of the prerequisites we define two types of them. The **strong prerequisites** must be completed before registering for

¹ It was declared by the decision number LXXIX/2019. (V. 27.) of the ELTE's Senate.

² Basic Subject I. and 12 credits from Basic Subjects II. are obligatory depending on the student's Bachelor's degree.

³ The student must complete 8 credits from the Required Elective Courses (the offered courses can be found below).

⁴ The credits of the Thesis and the credits of the Project Work altogether give the total sum of the Thesis's 30 credits.