

University of Warsaw
 Second-cycle full-time 2-year master's programme in Cognitive Science
 Year 1

1st semester				2nd semester			
	Course format	ECTS	h		Course format	ECTS	h
Advanced topics in cognitive science	seminar	4	30	Introduction to machine learning	lecture 30h + class 30h	6	60
Methods in neuroscience	lecture	3	30	Advanced statistical methods and models in experimental design	class	3	30
*Introduction to programming in Python (1st part of the semester)	class	3	30	Cognitive processes modelling II	lecture 30h + class 30h	5	60
Advanced Python for cognitive scientists (2th part of the semester)	class	4	45	Introduction to natural language processing	lecture 30h + class 30h	5	60
Cognitive processes modelling I	lecture	3	30	Modern topics in cognitive neuroscience	lecture 30h + class 30h	5	60
*Modern semantics	seminar	3	30	Advanced research methods and experimental design in neuroscience	lecture 30h + class 30h	5	60
*Modern syntax	seminar	3	30				
*Introduction to neuroanatomy	seminar	3	30	Research lab I	lab	3	30
Diploma seminar I	seminar	1	15	Diploma seminar II	seminar	3	30
ECTS credits for obligatory courses: 15				ECTS credits for obligatory courses: 25			

black – obligatory course for both academic paths, blue – obligatory course for computational academic path, green – obligatory course for neurocognitive academic path, * - elective course (examples)

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 Year 2

3rd semester	Course format	ECTS	h	4th semester	Course format	ECTS	h
Philosophy of science: an overview for cognitive science	seminar	3	30	Communication skills	class	2	15
Critical reading and academic writing	class	3	30				
Information theory for cognitive sciences	seminar	3	30				
Advanced applications of neural networks (deep learning)	class	3	30				
Psychophysiology and eye-tracking	class	3	30				
Developmental cognitive neuroscience	seminar	3	30	Internships		5	90
Research lab II	lab	6	60	Research lab III	lab	6	60
Diploma seminar III	seminar	4	30	Diploma seminar IV	seminar	4	30
ECTS credits for obligatory courses: 22				ECTS credits for obligatory courses: 17			

black – obligatory course for both academic paths, blue – obligatory course for computational academic path, green – obligatory course for neurocognitive academic path