

Study plan

Faculty offering the field of study:	Faculty of Philosophy and Social Sciences
Field of study: (name of the field of study must correspond to the content of the curriculum, in particular to the expected learning outcomes)	Cognitive Science
Level of study: (first cycle, second cycle, long cycle)	second cycle
Level of the Polish Qualifications Framework: (Level 6, Level 7)	Level 7
Degree profile: (general academic, practical)	general academic
Mode of study: (full-time programme, part-time programme)	full-time programme
Number of semesters:	4
Number of ECTS credit necessary for completing a field of study on a given level:	120
Total number of teaching hours:	960

Semester 1

Name of a course module	Course name	Course code in USOS	ECTS credits	Number of hours of direct contact with the teacher or tutor – compliant with a class type ¹				Form of crediting a course ²
				Lect.	Tut.	Lab	Sem.	
Obligatory General Module	Advanced statistics	2401-CS-11-AS-s2	4		30			gc
Obligatory General Module	Linear algebra - an introduction to data analysis	2401-CS-11-LA-s2	4	15	15			Ex, eg
Obligatory General Module	Cognitive Psychology	2401-CS-11-CP-s2	4	30				ex

* Each subsequent semester must be described in compliance with this Semester I template.

¹ A class type in individual courses must comply with NCU regulations for determining the scope of duties of the academic staff, types of courses to be taught under these duties and the rules for calculating teaching hours.

² Graded credit, examination

Project Module	Project A		2			30		gc
Master Seminar Module	Master Seminar	2401-CS-11-MS-s2	2				30	gc
Optional Subjects Module	Optional Subjects		12	90				gc
Total:			28	240				X

Semester 2

Name of a course module	Course name	Course code in USOS	ECTS credits	Number of hours of direct contact with the teacher or tutor – compliant with a class type ³				Form of crediting a course ⁴
				Lect.	Tut.	Lab	Sem.	
Language Module	English B2+		3		30			Ex, eg
Obligatory General Module	R Course	2401-CS-12-RC-s2	4		30			gc
Obligatory General Module	Developmental Neuropsychology	2401-CS-12-DN-s2	4	30				ex
Obligatory General Module	Basic introduction to programming with Matlab and Octave	2401-CS-12-BIPMO-s2	4			30		eg
Project m.	Project A		2			30		gc
Master Seminar Module	Master Seminar	2401-CS-12-MS-s2	3				30	gc

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⁴ Graded credit, examination

Optional Subjects Module	Optional Subjects		8	60	gc
University-wide courses Module	University-wide course		4	30	gc
Total:			32	270	X

Semester 3

Name of a course module	Course name	Course code in USOS	ECTS credits	Number of hours of direct contact with the teacher or tutor – compliant with a class type ⁵				Form of crediting a course ⁶
				Lect.	Tut.	Lab	Sem.	
Obligatory General Module	Theory of computation	2401-CS-21-ToC-s2	4	15	15			Ex, eg
Obligatory General Module	Eye tracking in cognitive science	2401-CS-21-ENN-s2	4			30		gc
Obligatory General Module	Advanced Programming	2401-CS-22-AP-s2	4	15	15			Ex, eg
Obligatory General Module	Machine learning	2401-CS-22-ML-s2	4			30		gc
Project Module	Project B		2			30		gc
Master Seminar Module	Master Seminar	2401-CS-21-MS-s2	6				30	gc

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⁵ A class type in individual courses must comply with NCU regulations for determining the scope of duties of the academic staff, types of courses to be taught under these duties and the rules for calculating teaching hours.

⁶ Graded credit, examination

Optional Subjects Module	Optional Subjects		8	60	gc
Total:			28	210	X

Semester 4

Name of a course module	Course name	Course code in USOS	ECTS credits	Number of hours of direct contact with the teacher or tutor – compliant with a class type ⁷				Form of crediting a course ⁸
				Lect.	Tut.	Lab	Sem.	
Obligatory General Module	Artificial Neural Networks	2401-CS-21-ANN-s2	4	15	15			Ex, eg
Obligatory General Module	Network Neuroscience	2401-CS-22-NN-s2	4			30		Ex, eg
Project Module	Project B		2			30		gc
Master Seminar Module	Master Seminar	2401-CS-22-MS-s2	6				30	gc
Optional Subjects Module	Optional Subjects		8	60				gc
University-wide courses Module	University-wide course		4	30				gc
Total:			32	240				X

This study plan is effective as of winter semester of the academic year 2023/24.

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(Dean's stamp and signature)

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⁸ Graded credit, examination