COGNITIVE SCIENCE UW programme
from academic year 2024/25
Year 1

1st semester	Course format	ECTS	hours	2nd semester	Course format	ECTS	hours
Advanced topics in cognitive science	seminar	4	30	Introduction to machine learning	lecture 30h + class 30h	6	60
Advanced Python for cognitive scientists (2th part of the semester)	class	5	45	Advanced statistical methods and models in experimental design	class	3	30
Cognitive processes modelling I	lecture	4	30	Cognitive processes modelling II***	lecture 30h + class 30h	6	60
Methods in neuroscience	lecture	4	30	Introduction to natural language processing***	lecture 30h + class 30h	6	60
				Modern topics in cognitive neuroscience***	lecture 30h + class 30h	6	60
				Research methods and experimental design in neuroscience***	lecture 30h + class 30h	6	60
Diploma seminar I	seminar	1	15	Diploma seminar II	seminar	1	15
				Research lab I	lab	3	30
*General university courses (OGUN)**	*misc*	*6*	*min. 60*				
*Elective courses***	*misc*	*6*	*min. 60*	*Elective courses***	*misc*	*5*	*min. 50*
Total	**30 ECTS**			**Total**	**30 ECTS**		

During the <u>first semester</u> of studies students are obliged to complete *Workplace health and safety* and *Intellectual property rights* courses!

* 6 ECTS of OGUNs may be completed during the <u>first year</u> of studies (i.e., the first and/or the second semester).

** At least 11 ECTS of electives may be completed during the <u>first year</u> of studies (i.e., the first and/or the second semester). A surplus may be counted towards next year ECTS points.

*** Students <u>must</u> choose one path (blue – computational, green – neurocognitive).

They may complete courses from both paths; in that case, the ECTS surplus is counted towards ECTS points for elective courses. Students may change the path choice.

COGNITIVE SCIENCE UW programme
from academic year 2024/25
Year 2

3rd semester	Course format	ECTS	hours	4th semester	Course format	ECTS	hours
Philosophy of science: an overview for cognitive sciences	class	4	30	Communication skills	workshops	2	15
Critical reading and academic writing	seminar	4	30				
Advanced applications of neural networks (deep learning)*	class	4	30				
Information Theory for cognitive sciences*	seminar	4	30				
Psychophysiology and eye-tracking*	seminar	4	30				
Develpomental Cognitive Neuroscience*	seminar	4	30				
Diploma seminar III	seminar	5	30	Diploma seminar IV	seminar	5	30
Research lab II	lab	6	60	Research lab III	lab	6	60
				Internship***	other	5	90
*Elective courses** *	*misc*	*3*	*min. 30*	*Elective courses** *	*misc*	*12*	*min. 120*
Total	**30 ECTS**			**Total**	**30 ECTS**		

* Students continue chosen path (blue – computational, green – neurocognitive).

They may complete courses from both paths; in that case, the ECTS surplus is counted towards ECTS points for elective courses.

** 15 ECTS of electives may be completed during the second year of studies (i.e., the third and/or the fourth semester).

*** Students are obliged to complete internships during their course of study (90hrs in total).