

4 | Curriculum Table

Mind and Brain Sciences Major (Master's Program) in the Graduate School of Brain Sciences

○ : Open Term

† : Open for students from other graduate schools, and the certificate of Mind and Brain Sciences Program will be awarded to the students who get > 8 credits of these subjects.

	Course Code	Subject	Credit	Opening year				Brain Informatics	Neuroscience	Human Sciences	Remarks
				2016		2017					
				Spring	Autumn	Spring	Autumn				
Introductory Subjects	COSC 500	Mind Sciences Research Method I (Research Survey) †	2	○						Compulsory	
	COSC 501	Mind Sciences Research Method II (Research Planning) †	2		○						
	ENG 500	Research Presentation	2	○		○					
Special Subjects	COSC 518	Mathematical Brain Science	2	○		○		※		Choose four ※ corresponding to your program	
	ENGR 513	Brain-Machine Interface †	2		○		○	※			
	COSC 510	Cognitive Developmental Robotics †	2		○		○	※			
	IS 500	Advanced Mind Sciences (Brain Informatics) †	2	○	○	○	○	※			
	COSC 517	Brain Science and Humans †	2	○		○			※		
	SCED 501	Molecular Life Science	2		○		○		※		
	SCED 500	Decision Neuroscience †	2	○		○			※		
	COSC 504	Advanced Mind Sciences (Neuroscience) †	2	○	○	○	○		※		
	COSC 506	Developmental Science of Mind †	2	○		○			※		
	PSY 501	Educational Science †	2		○		○		※		
	PSY 502	Psycholinguistics †	2	○		○			※		
	COSC 505	Advanced Mind Sciences (Human Science) †	2	○	○	○	○		※		
	COSC 507	Systems Neuroscience*1 †	2	○		○					
	COSC 508	Systems Neuroscience Method †	2		○		○				Credits of *1 required
	COSC 520	Human Cognitive Neuroscience*2 †	2	○		○					Credits of *2 required
	COSC 515	Neuroimaging Analysis †	2		○		○				Credits of *2 required
	COSC 511	Cognitive Science	2		○						
	PSY 504	Social Psychology †	2		○		○				
	COSC 509	Neural KANSEI Science †	2	○		○					
	PHIL 503	Philosophy of Mind	2		○		○				
PHIL 508	Neuroethics Research	2				○					
COSC 519	Comparative Ethology	2	○		○						
PSY 503	Behavior Analysis †	2		○		○					
Related Subjects	BIOL 511	Advanced Biological Defense	2				○			At least, choose a subject	
	CHEM 504	Applied Bioorganic Chemistry	2		○		○				
	BIOL 509	Cellular Signal Transduction	2		○						
	BIOL 501	Applied Bioinformatics	2		○		○				
	PHIL 501	Research Ethics	2		○		○				
	COPR 502	Internship	2	○	○	○	○				
Research Methods	COSC 502	Mind Sciences Research Method III (Data Analysis)	2			○				Compulsory	
	COSC 503	Mind Sciences Research Method IV (Thesis Writing)	2				○				

■ Requirements for passing the course

- (1) 6 credits in Introductory Subjects
- (2) 4 credits in Research Methods
- (3) 12 or more credits in Special Subjects
- (4) 2 or more credits in Related Subjects
- (5) A total of 30 credits must be acquired, a master's thesis must be submitted and the final exam must be passed.

Students that have graduated the Neuroscience Program or Human Sciences Program will receive a “Master of Neurosciences”.

Students that have graduated the Neurosciences Program will receive a “Master of Engineering”.