

Curriculum Table

Brain Sciences Major (Doctoral Program) in the Graduate School of Brain Science

	Course Code	Subject	Credit	Opening year						Neural Computation program	Neurosciences program	Remarks
				2015		2016		2017				
				Spring	Autumn	Spring	Autumn	Spring	Autumn			
Special Subjects	COSC 601	Advanced Systems Neuroscience	2	○		○		○		※ 1	At least, choose a pair of ※ 1, ※ 2, ※ 3, ※ 4	
	COSC 600	Systems Neuroscience Technique	1		○		○		○			
	INFO 601	Computational Neuroscience	2	○		○		○		※ 2		
	INFO 603	Computer Simulation Technique	1		○		○		○			
	COSC 614	Brain Image Analysis	2	○		○		○		※ 3		
	COSC 606	Neuroimaging Technique	1		○		○		○			
	COSC 616	Developmental Science	2	○		○		○		※ 4		
	PSY 602	Developmental Science Technique	1		○		○		○			
	INFO 602	Communication Robot Engineering	2		○		○		○	※	At least, choose 2 subjects of ※ in your program	
	COSC 615	Brain-type Learning Systems	2	○		○		○		※		
	INFO 612	Parallel Information Processing	2		○		○		○	※		
	PSY 601	Cognitive Science	2	○		○		○		※		
	COSC 604	Information Creation Science	2		○		○		○	※		
	COSC 602	The Impact of Brain Science on Social Sciences	2	○		○		○		※		
	COSC 612	Advanced Brain Sciences A (Robotics)	1	○	○	○	○	○	○	*	At least, choose a subject of * in your program	
	INFO 611	Advanced Brain Sciences B (Neural computation)	1	○	○	○	○	○	○	*		
	COSC 613	Advanced Brain Sciences C (Information creation)	1	○	○	○	○	○	○	*		
	INTD 600	Advanced Brain Sciences D (Social sciences)	1	○	○	○	○	○	○	*		
Related Subjects	PHIL 600	Scientific Research Ethics	2	○		○		○			At least, choose a subject	
	PSY 600	Psychophysics	2	○		○		○				
	ECON 600	Neuroeconomics	2	○		○		○				
	COSC 603	Social System Control	2	○		○		○				
	COSC 605	Neural KANSEI Engineering	2		○		○		○			
	PHIL 601	Neuroethics	2		○		○		○			
	COSC 617	Pathological Neuroscience	2		○		○		○			
BIOL 612	Advanced Molecular Life Science	2		○		○		○				
Research Methods	COSC 607	Brain Sciences Research Method I	2	○							Compulsory	
	COSC 608	Brain Sciences Research Method II	2		○							
	COSC 609	Brain Sciences Research Method III	2			○						
	COSC 610	Brain Sciences Research Method IV	2				○					
	COSC 611	Brain Sciences Research Method Seminar	2					○				

○: Open Term

Requirements for passing the course

- (1) 10 credits in Research Methods
- (2) At least 8 credits in Special Subjects and at least 2 credits in Related Subjects
- (3) The requirements in (1) and (2) must be fulfilled, a total of 20 credits must be acquired, a doctoral thesis must be submitted and the final exam must be passed.

Students that have graduated the Neural Computation Program will receive a "PhD in Engineering" .
 Students that have graduated the Neurosciences Program will receive a "PhD in Neurosciences" .

I

学修にあたって

II

教育課程表および
講義内容
脳科学研究科

III

学則・規程