

# Curriculum Table

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

	Subject	Credit	Opening year						Brain Like robotics	computation	Information	Remarks
			2013		2014		2015					
			Spring	Autumn	Spring	Autumn	Spring	Autumn				
Special Subjects	System Neuroscience	2	○		○		○		*	Choose a pair of 2 of these subjects(*)		
	System Neuroscience Technique	1		○		○		○	*			
	Computational Neuroscience	2	○		○		○		*			
	Computer Simulation Technique	1		○		○		○	*			
	Brain Image Analysis	2	○		○		○		*			
	Neuroimaging Technique	1		○		○		○	*			
	Developmental Science	2	○		○		○		*	Program Compulsory Subjects		
	Developmental Science Technique	1		○		○		○				
	The Impact of Brain Science on Social Sciences	2	○		○		○		C			
	Communication Robot Engineering	2		○		○		○	C			
	Advanced Brain Informatics A (Robotics)	1	○	○	○	○	○	○	C			
	Brain-type Learning Systems	2	○		○		○		C			
	Parallel Information Processing	2		○		○		○	C			
	Advanced Brain Informatics B (Neural computation)	1	○	○	○	○	○	○	C			
	Cognitive Science	2	○		○		○		C			
	Information Creation Science	2		○		○		○	C			
Advanced Brain Informatics C (Information creation)	1	○	○	○	○	○	○	C				
Related Subjects	Psychophysics	2	○		○		○			At least 2 credits required		
	Neuroeconomics	2	○		○		○					
	Social System Control	2	○		○		○					
	Neural KANSEI Engineering	2		○		○		○				
	Neuroethics	2		○		○		○				
	Pathological Neuroscience	2		○		○		○				
	Molecular Bio-engineering	2		○		○		○				
Reserch Methods	Brain Informatics Research Method I	2	○						C			
	Brain Informatics Research Method II	2		○					C			
	Brain Informatics Research Method III	2			○				C			
	Brain Informatics Research Method IV	2				○			C			
	Brain Informatics Research Method Seminar	2					○		C			

○: Open Term, C: Compulsory subject

## 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 Brain-type Robotics Program or the Neural Computation Program will receive a “PhD in Engineering”. Students that have graduated the Information Creation Program will receive a “PhD in Philosophy” .

I

学修にあたって

II

教育課程表および  
講義内容  
脳情報研究科

III

学則・規程

# Outline Image of the Curriculum

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

