Curriculum Table

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

	Subject	Credit	Opening year						Neural Computation program	Neurosciences program	Remarks
			2014		2015		2016				
			Spring	Autumn	Spring	Autumn	Spring	Autumn			
Special Subjects	Advanced Systems Neuroscience	2	○		○		○		※ 1		At least, choose a pair of ※ 1, ※ 2, ※ 3, ※ 4
	Systems Neuroscience Technique	1		○		○		○			
	Computational Neuroscience	2	○		○		○		※ 2		
	Computer Simulation Technique	1		○		○		○			
	Brain Image Analysis	2	○		○		○		※ 3		
	Neuroimaging Technique	1		○		○		○			
	Developmental Science	2	○		○		○		※ 4		
	Developmental Science Technique	1		○		○		○			
	Communication Robot Engineering	2		○		○		○	※		At least, choose 2 subjects of ※ in your program
	Brain-type Learning Systems	2	○		○		○		※		
	Parallel Information Processing	2		○		○		○	※		
	Cognitive Science	2	○		○		○			※	
	Information Creation Science	2		○		○		○		※	
	The Impact of Brain Science on Social Sciences	2	○		○		○			※	
	Advanced Brain Sciences A (Robotics)	1	○	○	○	○	○	○	*		At least, choose a subject of * in your program
	Advanced Brain Sciences B (Neural computation)	1	○	○	○	○	○	○	*		
	Advanced Brain Sciences C (Information creation)	1	○	○	○	○	○	○		*	
	Advanced Brain Sciences D (Social sciences)	1	○	○	○	○	○	○		*	
Related Subjects	Scientific Research Ethics	2	○		○		○				At least, choose a subject at least
	Psychophysics	2	○		○		○				
	Neuroeconomics	2	○		○		○				
	Social System Control	2	○		○		○				
	Neural KANSEI Engineering	2		○		○		○			
	Neuroethics	2		○		○		○			
	Pathological Neuroscience	2		○		○		○			
	Advanced Molecular Life Science	2		○		○		○			
Research Methods	Brain Sciences Research Method I	2	○								Compulsory
	Brain Sciences Research Method II	2		○							
	Brain Sciences Research Method III	2			○						
	Brain Sciences Research Method IV	2				○					
	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".

Outline Image of the Curriculum

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