Sokendai Brain Science Joint Program

Subject Code	Subject	Credit	Content of subject	
20PBS001	Brain science at the molecular and cellular levels	1	This corresponds to subject in the Department of Physiological science.	Atsushi Nambu
20PBS002	Brain science at the circuit level	1	This corresponds to subject in the Department of Physiological science.	Atsushi Nambu
20PBS003	System brain science	1	This corresponds to subject in the Department of Physiological science.	Atsushi Nambu
10SLS006	Brain Science Topics	1	This corresponds to "Special Lectures in Physiological Sciences Ⅰ-Ⅲ" in the Department of Physiological science.	
10SLS007	Principle and Methodology in Brain Science	1	Basic principles and methodologies essential to understand brain science will be explained.	Atsushi Nambu
10SLS011	Training Course for Bioinformatics	1	The following objectives are attained through letures and hands-on tutorials. 1. To understand basic principles in biological sequence analyses and learn the practical skills. 2. To understand the theoretical background of transcriptome and proteome data analysis, and learn the practical skills to analyse these data. 3. To learn current topics and future directions of genomics.	Shuji Shigenobu
10SLS012	Brain Science and Society	1	This subject deals with historical, neuroethical, neuroeconomical, and social aspects of brain science. Lecture and tutorial for science communication to introduce your scientific results to the public will be also included.	Atsushi Nambu
10SLS013	Introductory statistics for life science	1	Basic knowledge regarding statiscs for life science is lectured by the statistics specialists.	Junji Nakano Atsushi Nambu
10SLS008	Integrated Brain Science Ⅰ	1	Omnibus type subject with 8 lectures selected at the discretion of students among many lectures in brain science and related field of science.	Atsushi Nambu
10SLS009	Integrated Brain Science Ⅱ	1	Omnibus type subject with 8 lectures selected at the discretion of students among many lectures in brain science and related field of science.	Atsushi Nambu
10SLS010	Integrated Brain Science Ⅲ	1	Intensive course containing lectures and practical on statistical theory, imaging method, social, ethical, and evolutional aspects of brain science, and robotics.	Atsushi Nambu
10PBS002	Brain science step by step Ⅰ	1	Basic knowledge necessary for brain science can be learned through an e-learning system with lecture and small tests.	Atsushi Nambu
10PBS003	Brain science step by step Ⅱ	1	Advanced knowledge necessary for brain science can be learned through an e-learning system with lecture and small tests.	Atsushi Nambu
10PBS004	Basic physiological and anatomical brain science	1	Basic physiology and anatomy on brains can be learned through 8 lectures and 2 practices.	Atsushi Nambu
10PBS005	Basic information brain science	1	Bases of information brain science can be learned through 3 lectures and 7 practices.	Atsushi Nambu