



2020 Fall Semester

College of Health Sciences and Technology			
Department of Life Sciences			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
LS3037*	Neurological diseases	3	U
LS3039*	Infection disease and immunity	3	U
LS5018*	Special Topics in Fats	3	G
LS5029*	Topic Seminar III	0	G
LS5033*	Neurobiology	2	G
LS5039*	Molecular Cell Biology	3	G
LS5055*	Advanced Evolutionary Biology	3	G
LS5078*	Fly genetics and disease model	3	G
LS6005A	Seminar I	1	G
LS6051*	Special Topics in Gene Cloning	3	G
LS6091*	Special Topics in Gene Regulation in Yeast	3	G
LS6104*	Special topic: Free radical biology and medicine	3	G
LS6107*	Special Topic: Genetic Basis of Phenotypic Evolution	3	G
LS6113*	Special Topic in Tumorigenesis of Neuroblastoma	3	G
LS7001A	Seminar I	2	G
LS7001B	Seminar I	2	G
LS7003*	Seminar III	2	G
Department of Biomedical Sciences and Engineering			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
BM3014*	Special topic on Biomedical Engineering and Scientific Modeling	2	U



Master Program in Biomedical Engineering			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
BE5018*	Systems Neuroscience	3	G
BE5020*	Drug Delivery Systems	3	G
BE5022*	Introduction of Nanotechnology	3	G
BE5038*	General Microbiome	3	G
BE5046*	Bionanophotonics	3	G
Master Program in Systems Biology and Bioinformatics			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
SB6001*	Computation Biology and Bioinformatics	3	G
SB6004*	Seminar I	2	G
SB6008*	An Introduction to Bioinformatics Algorithms	3	G
SB6020*	Biological Databases	3	G
SB7004*	Application of R in Systems Biology	3	G
SB7029*	Advanced Journal Review I	2	G
SB7036*	Special Topic: Molecular Diagnosis and Drug Development I	2	G
SB7042*	High Throughput Biotechnology Design and Practice I	3	G
SB7057*	Cell biology experiments	3	G
SB7079*	Deep reinforcement learning	3	G
SB7080*	Molecular Regulation of Chronic Diseases	3	G
International Ph.D. Program in Interdisciplinary Neuroscience			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
NI5001*	Introduction to Neuroscience	3	G
NI5003*	Interdisciplinary Lecture I	1	G
NI5005*	Neuroscience Seminar I	1	G
NI5007*	Electrophysiology Technique	3	G
NI5011*	Neuroscience Seminar	1	G
Graduate Institute of Cognitive Neuroscience			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)



NS5001*	Cognitive Psychology	3	G
NS5011*	Special Topics I	0	G
NS5019*	Advanced Seminar I	0	G
NS5023*	Advanced Statistics in Psychology	3	G
NS5035*	Independent Study: Striate and Extrastriate Cortex	3	G
NS5082*	Independent study: The application of neuroimaging methods in psycholinguistics	3	G
NS5088*	Independent Study : An Introduction to Non-invasive Brain Stimulation Techniques	3	G
NS5097*	Independent Study: Modeling of Brain Dynamics during Cognitive Processes	3	G
NS5117*	The Cognitive Neuroscience of Memory	3	G
NS5119*	Independent Study : Institutional Research and Big Data Analysis	3	G
NS6001*	Special Topics I	1	G

Update: OCT, 2020