



**2021 Fall Semester**

<b>College of Health Science and Technology</b>			
<b>Department of Life Science</b>			
<b>Course #</b>	<b>Course Name</b>	<b>Credit</b>	<b>Undergraduate Course(U) or Graduate Course(G)</b>
LS3037	Neurological diseases	3	U
LS5018	Special Topics in Fats	3	G
LS5027	Topic Seminar I	0	G
LS5033	Neurobiology	2	G
LS5037	Environmental Biology	3	G
LS5039	Molecular Cell Biology	3	G
LS5055	Advanced Evolutionary Biology	3	G
LS5078	Fly genetics and disease model	3	G
LS6005	Seminar I	1	G
LS6051	Special Topics in Gene Cloning	3	G
LS6054	Plasmid	3	G
LS6081	Special Topics in Plant Gene Transformation	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
LS6117	Special Seminar: Neurobiology of social behavior	3	G
LS7001	Seminar I	2	G
LS7003	Seminar III	2	G
LS7003	Seminar III	2	G
LS7007	Advanced Cellular and Molecular Biology	3	G
<b>Department of Biomedical Sciences and Engineering</b>			
<b>Course #</b>	<b>Course Name</b>	<b>Credit</b>	<b>Undergraduate Course(U) or Graduate Course(G)</b>
BM3014	Special topic on Biomedical Engineering and Scientific Modeling	2	U



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
NS5053	Independent Study : Introductory Course of Visual Attention Theories	3	G
NS5077	Independent Study: The Application of Neurodisruptive Techniques in Cognitive Neuroscience.	3	G
NS5082	Independent study: The application of neuroimaging methods in psycholinguistics	3	G
NS5097	Independent Study: Modeling of Brain Dynamics during Cognitive Processes	3	G
NS5117	The Cognitive Neuroscience of Memory	3	G
NS5125	Eye-tracking: theory and application	3	G
NS6001	Special Topics I	1	G
NS6003	Special Topics I	1	G
Interdisciplinary Neuroscience Ph.D. Degree Program (UST)			
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
Interdisciplinary Neuroscience Ph.D. Degree Program (UST)			
Course #	Course Name	Credit	Undergraduate Course(U) or Graduate Course(G)
NI5009	Introduction of Research Techniques in Neuroscience	2	G
NI5011	Neuroscience Seminar	1	G



<b>Master Program in Biomedical Engineering, Department of Biomedical Sciences and Engineering</b>			
<b>Course #</b>	<b>Course Name</b>	<b>Credit</b>	<b>Undergraduate Course(U) or Graduate Course(G)</b>
BE5001	Seminar I	0	G
BE5018	Systems Neuroscience	3	G
BE5020	Drug Delivery Systems	3	G
BE5038	General Microbiome	3	G
BE5046	Bionanophotonics	3	G
<b>Master Program in Systems Biology and Bioinformatics, Department of Biomedical Sciences and Engineering</b>			
<b>Course #</b>	<b>Course Name</b>	<b>Credit</b>	<b>Undergraduate Course(U) or Graduate Course(G)</b>
SB6001	Computation Biology and Bioinformatics	3	G
SB6004	Seminar I	2	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
SB7076	Introduction to Biomedical Pharmacology	3	G
SB7079	Deep reinforcement learning	3	G
SB7080	Molecular Regulation of Chronic Diseases	3	G

**Update: AUG, 2021**