BIOL PHD BIOLOGY ELECTIVE (HPBI)

Code	Title	Course Units
BIOL 5010	Advanced Cell Biology	1
BIOL 5016	Molecular Mechanisms of Infectious Disease Biology	1
BIOL 5024	Cell Motility and the Cytoskeleton	1
BIOL 5026	Chromosomes and the Cell Cycle	1
BIOL 5116	Neural Circuits for Survival	1
BIOL 5119	Biological Basis of Animal Diversity	1
BIOL 5231	Genome Science and Genomic Medicine	1
BIOL 5233	Genes in Conflict: How sex and selfish genetic elements drive genome evolution	1
BIOL 5234	Epigenetics	1
BIOL 5250	Molecular Genetics of Development	1
BIOL 5314	Molecular Evolution of Physiological Functions	1
BIOL 5318	Systems Biology: Integrative physiology and biomechanics of the muscular system	1
BIOL 5511	Biological Data Analysis	1
BIOL 5517	Theoretical Population Biology	1
BIOL 5535	Introduction to Computational Biology & Biological Modeling	1
BIOL 5566	Machine Learning Methods in Natural Science Modeling	1
BIOL 5615	Freshwater Ecology	1
BIOL 5669	Plant Physiology Through Space and Time	1
BIOL 5860	Mathematical Modeling in Biology	1
MATH 5861	Mathematical Modeling in Biology	1
PHYS 5566	Machine Learning Methods in Natural Science Modeling	1