

Current IBiS Course Offerings

Course #	Title	Instructor(s)	FALL	WINTER	SPRING
CORE IBiS COURSES					
IBIS 401	Molecular Biophysics	Mondragón			S27
IBIS 402	Molecular Biology of Human Disease	Morimoto		W27	
IBIS 404	Principles and Methods in Systems Biology	Carthew		W27	
IBIS 410	Quantitative Biology	Marko	F26		
IBIS 411	Fundamentals in Biological Sciences: Biochemistry, Molecular Biology, and Genetics	Blythe, Carthew, Radhakrishnan	F26		
IBIS 412	Fundamentals in Biological Sciences: Genomics, Cell Biology, and Developmental Biology	Christensen, Petersen, Braun		W27	
IBIS 432	Statistics for Life Sciences	Jiang			S27
SOME IBiS ELECTIVES					
BIOL_SCI 338	Modeling Biological Dynamics	Braun	F26		
CHEM_ENG 376	Deconstructing Synthetic Biology Technology Across Scales	Lucks	F26		
ES_APPM 472	Introduction to the Analysis of RNA Sequencing Data	Kath	F26		
BIOL_SCI 302	Fundamentals of Neurobiology	Hodgson		W27	
BIOL_SCI 323	Bioinformatics: Sequence & Structure Analysis	Radhakrishnan		W27	
BIOL_SCI 315	Advanced Cell Biology	Beitel			S27
BIOL_SCI 328	Microbiology	Lane			S27
BIOL_SCI 391	Developmental Biology	Blythe			S27
NUIN 417	Mechanisms of Neurodegeneration: Alzheimer's Disease as a Case Study	Klein			S27
TRAINING COURSES					
IBIS 421	Rigor and Reproducibility in Research	Cowles	F26		
IBIS 423	Ethics in Biological Research	Cowles			S27
PROGRAM SEMINAR COURSE					
IBIS 462	Seminar in Biological Sciences		F26	W27	S27
SPECIAL TOPICS COURSES					
IBIS 455	Immunity	Horvath	F26		
IBIS 455-0-1	Scientific Communication	Brickner		W27	
IBIS 455-0-2	Practical Structural Biology: From Molecular Structures to Biological Mechanisms	Du, Lü		W27	
CHEM_ENG 478	Advances in Biotechnology	Leonard			S27
NUIN 411	Great Experiments in Molecular and Developmental Neuro Science	Elbaz-Eilon			S27
RECOMMENDED WORKSHOPS					
	BioOpportunities		check with IBiS/MBS office		
	Pathway to the Professoriate		check with IBiS/MBS office		
	BioSurvival Skills		check with IBiS/MBS office		