

## Current IBiS Course Offerings

Course #	Title	FALL	WINTER	SPRING
<b>CORE IBiS COURSES</b>				
IBIS 401	Molecular Biophysics, <u>Mondragón</u>			S25
IBIS 402	Molecular Biology of Human Disease, <u>Morimoto</u>		W25	
IBIS 404 /Biol_Sci 354	Principles and Methods in Systems Biology, <u>Carthew</u>		W25	
IBIS 410	Quantitative Biology, <u>Marko</u>	F24		
IBIS 407	Genetics and Epigenetics, <u>Brickner</u>			S25
IBIS 411	Fundamentals in Biological Sciences: Biochemistry, Molecular Biology, and Genetics, <u>Vafabakhsh, Blythe, &amp; Wang</u>	F24		
IBIS 412	Fundamentals in Biological Sciences: Genomics, Cell Biology, and Developmental Biology, <u>Weiss, Lackner, &amp; LaBonne</u>		W25	
IBIS 432	Statistics for Life Sciences, <u>Jiang</u>			S25
<b>SOME IBiS ELECTIVES</b>				
BIOL_SCI 302	Fundamentals of Neurobiology, <u>Hodgson</u>	F24		
BMD_ENG 311	Computational Genomics, <u>Ji</u>	F24		
CHEM_ENG 376	Principles of Synthetic Biology, <u>Tyo</u>	F24		
ES_APPM 472	Introduction to the Analysis of RNA Sequencing Data, <u>Kath</u>	F24		
BIOL_SCI 338	Modeling Biological Dynamics, <u>Braun</u>	F24		
BIOL_SCI 323	Bioinformatics: Sequence & Structure Analysis, <u>Radhakrishnan</u>		W25	
CHEM_ENG 378	Deconstructing Synthetic Biology, <u>Tullman-Ercek</u>		W25	
BIOL_SCI 391	Developmental Biology, <u>Blythe</u>			S25
NUIN 417	Mechanisms of Neurodegeneration: Alzheimer's Disease as a Case Study, <u>Klein</u>			S25
<b>TRAINING COURSES</b>				
IBIS 421	Rigor and Reproducibility in Research, <u>Cowles</u>			Su24
IBIS 423	Ethics in Biological Research, <u>Cowles</u>	F24		
<b>PROGRAM SEMINAR COURSE</b>				
IBIS 462	Seminar in Biological Sciences	F24	W25	S25
<b>SPECIAL TOPICS COURSES</b>				
IBIS 455	Science Communication, <u>Holmgren &amp; Morimoto</u>		W25	
IBIS 455	Mechanisms of Transportation, <u>Brickner &amp; Radhakrishnan</u>			S25
IBIS 416	Practical Training in Chemical Biology Methods & Experimental Design, <u>Kelleher</u>			S25
CHEM_ENG 478	Advances in Biotechnology, <u>Leonard</u>			S25
NUIN 411-3	Great Experiments in Systems and Cognitive Neuroscience, <u>Kozorovitskiy</u>		W25	
<b>RECOMMENDED WORKSHOPS</b>				
	BioOpportunities	check with IBiS/MoIBiosci office		
	Pathway to the Professoriate	check with IBiS/MoIBiosci office		
	BioSurvival Skills	check with IBiS/MoIBiosci office		