

## Current IBiS Course Offerings

Course #	Title	FALL	WINTER	SPRING
<b>CORE IBiS COURSES</b>				
IBIS 401	Molecular Biophysics, <u>Mondragón</u>			S22
IBIS 402	Eukaryotic Molecular Biology, <u>Morimoto</u>	F21		
IBIS 404	Principles and Methods in Systems Biology, <u>Carthew</u>			S22
IBIS 406	Advanced Topics in Cell Biology, <u>Horvath</u>		W22	
IBIS 407	Genetics & Epigenetics, <u>Brickner</u>		W22	
IBIS 410	Quantitative Biology, <u>Marko</u>	F21		
IBIS 432	Statistics for Life Sciences, <u>Jiang</u>			S22
<b>SOME IBiS ELECTIVES</b>				
BIOL_SCI 302	Fundamentals of Neurobiology, <u>Hodgson</u>	F21		
BIOL_SCI 361	Protein Structure & Function, <u>Rosenzweig</u>	F21		
CHEM_ENG 373	Biotechnology & Global Health, <u>Tyo</u>	F21		
CHEM_ENG 376	Principles of Synthetic Biology, <u>Jewett</u>	F21		
ES_APPM 472	Introduction to the Analysis of RNA Sequencing Data, <u>Kath</u>	F21		
NUIN 401	Fundamentals of Neuroscience	F21	W22	S22
BIOL_SCI 323	Bioinformatics: Sequence & Structure Analysis, <u>Radhakrishnan</u>		W22	
BMD_ENG 311	Computational Genomics, <u>Ji</u>		W22	
CHEM_ENG 395	Deconstructing Synthetic Biology, <u>Lucks</u>		W22	
CIV_ENV 447	Molecular Microbiology, <u>Hartmann</u>		W22	
IBIS 491	Development & Evolution of Body Plans, <u>Blythe</u>			S22
NUIN 417	Neurodegeneration: A Case Study, <u>Klein</u>			S22
<b>TRAINING COURSES</b>				
IBIS 421	Rigor and Reproducibility in Research, <u>Klos Dehring</u>			Su22
IBIS 423	Ethics in Biological Research, <u>Klos Dehring</u>	F21		
<b>PROGRAM SEMINAR COURSE</b>				
IBIS 462	Seminar in Biological Sciences	F21	W22	S22
<b>SPECIAL TOPICS COURSES</b>				
IBIS 409	Biophysical Methods for Macromolecular Analysis, <u>Radhakrishnan</u>	F21		
IBIS 455	Introduction to R for Biologists, <u>Andersen &amp; Blythe</u>	F21		
IBIS 455	Scientific Communication, <u>Beitel &amp; Weiss</u>		W22	
IBIS 455	Reading Papers with a Critical Eye, <u>Holmgren &amp; Morimoto</u>		W22	
BIOL_SCI 345	Modeling Biological Dynamics, <u>Braun</u>		W22	
PHYS 460	Advanced Topics in Statistical Physics: Statistical Mechanics of Biological Molecules and Their Interactions, <u>Marko</u>		W22	
IBIS 455	Conversations about Teaching, <u>Unger</u>			S22
IBIS 416	Practical Training in Chemical Biology Methods & Experimental Design, <u>Kelleher</u>			S22
CHEM_ENG 478	Advances in Biotechnology, <u>Leonard</u>			S22
<b>RECOMMENDED WORKSHOPS</b>				
	BioOpportunities	check with IBiS/MolBiosci office		
	Pathway to the Professoriate	check with IBiS/MolBiosci office		
	BioSurvival Skills	check with IBiS/MolBiosci office		