

## BIOMED Course Summary | 2015-16

Sem	Banner	Dept	Course Title	Primary Instructor	LAB CONF
1	0030	MED	Principles of Nutrition	Flynn, Mary	
1	0140C	BIOL	Communicating Science: Animating Science	Stein, John	
1	0140K	EEB	Conservation Medicine	Smith, Katherine	
1	0150A	MCB	Techniques and Analyses Using DNA-Based Biotechnology (FYS)	Hall, Jody	L
1	0150D	MPPB	Techniques in Regenerative Medicine: Cells, Scaffolds & Staining (FYS)	Zielinski, Beth	L
1	0170	MPPB	Biotechnology in Medicine	Zielinski, Beth	
1	0190E	EEB	Foundations: Botanical Roots of Modern Medicine (FYS)	Jackson, Fred	L
1	0190F	EEB	Foundations: Darwinian Medicine (FYS)	Tatar, Marc	
1	0190P	MCB	Pride & Prejudice in Development of Scientific Theories (FYS)	Helfand, Stephen	
1	0190R	MMI	Foundations: Phage Hunters, Part I (FYS)	deGraffenried, Christoph	L
1	0190U	MCB	Plant Development, Structure and Function (FYS) (WRIT)	Heywood, Peter	
1	0210	EEB	Diversity of Life	Kellner, James	
1	0380	EEB	The Ecology and Evolution of Infectious Disease	Weinreich, Daniel	
1	0400	EEB	Biological Design: Structural Architecture of Organisms (WRIT)	Allen, Justine	
1	0410	EEB	Invertebrate Zoology	Dunn, Casey	L
1	0430	EEB	The Evolution of Plant Diversity (WRIT)	Edwards, Erika	L
1	0455	EEB/ENVS	Coastal Ecology and Conservation (register ENVS XLIST)	Bertness, Mark	
1	0470	MCB	Genetics	Johnson, Mark	L
1	0480	EEB	Evolutionary Biology	Rand, David	C
1	0490	EEB/ENVS	Environmental Science in Changing World (register ENVS XLIST)	Porder, Stephen	L (opt.)
1	0530	MMI	Principles of Immunology	Bungiro, Richard	
1	0800	MPPB	Principles of Physiology	Stein, John J.	L
1	0940A	MCB	Sophomore Seminar: Viral Epidemics	Atwood, Walter	
1	0940B	MPPB	Sophomore Seminar: Life in a Shell	Jackson, Donald	
1	0940D	EEB	Sophomore Seminar: R.I. Flora: Understanding and Documenting Local Plant Diversity	Whitfeld, Timothy	L
1	0960	ALL	Independent Study in Science Writing	Faculty Advisors	
1	0980	MCB	Introduction to Computational Biology	Neretti, Nicola	L
1	1050,2050	MCB	Biology of the Eukaryotic Cell (Grad students register for 2050)	Gerbi, Susan	C
1	1070	MPPB	Biotechnology and Global Health	Youssef Schell, Jacquelyn	
1	1110	MPPB	Topics in Signal Transduction	Oancea, Elena	
1	1120	MPPB	Biomaterials	Zielinski, Beth	
1	1140	MPPB	Tissue Engineering	Hoffman-Kim, Diane	
1	1160	MPPB	Principles of Exercise Physiology	Hai, Chi-Ming	

1	1210	MCB	Synthetic Biological Systems	Wessel, Gary	
1	1260,2260	MPPB	Physiological Pharmacology (Grad students register for 2260)	Marshall, John	
1	1270,2270	MCB	Advanced Biochemistry (Grad students register for 2270)	Page, Rebecca	
1	1290	PATH	Cancer Biology	Zhitkovich, Anatoly	
1	1300	MPPB	Biomolecular Interactions: Health, Disease and Drug Design	Fawzi, Nicolas	
1	1310,2310	MCB	Developmental Biology (Grad students register for 2310)	Wharton, Kristi	L
1	1420	EEB	Experimental Design in Ecology	Witman, Jon	
1	1430	EEB	Computational Theory of Molecular Evolution and Population Genet	Weinreich, Daniel	
1	1470	EEB	Conservation Biology	Sax, Dov	
1	1495	EEB	500 Million Years of Land Plants	Andrew Leslie	
1	1520	MMI	Innate Immunity	Brossay, Laurent	
1	1920D	PATH	Race, Difference, and Biomedicine: Historical Considerations (WRIT)	Braun, Lundy	
1	1950	ALL	Directed Research/Independent Study	Faculty Advisors	L
1	2030	MCB	Foundations for Advanced Study in the Life Sciences	Mowry, Kimberly	C
1	2110	MPPB	Drug and Gene Delivery	Mathiowitz, Edith	
1	2150	MCB	Scientific Communication	Bender, Judith	
1	2156	MPPB	Special Topics in Biotechnology Writing	Mathiowitz, edith	
1	2170	MPPB	Molecular Pharmacology and Physiology	Horrigan, Diana	
1	2190	MPPB	MPP Professional Development Seminar	Horrigan, Diana	
1	2230	MPPB	Biomedical Engineering and Biotechnology Seminar	Hoffman-Kim, Diane	
1	2340	MCB	Neurogenetics and Disease	Morrow, Eric	
1	2430 S01	EEB	Topics in Ecology and Evolutionary Biology: IGERT Reverse Ecology: Computational Integration of Genomes, Organisms and	Rand, David	
1	2430 S02	EEB	Topics in Ecology and Evolutionary Biology: Coalescent Theory	Ramachandran, Sohini	
1	2430 S03	EEB	Topics in Ecology and Evolutionary Biology: EEB Professional Development Workshop	Weinreich, Daniel	
1	2430 S04	EEB	Topics in Ecology and Evolutionary Biology: Interacting with Data	Dunn, Casey	
1	2640B	MMI	Microbial Pathogenesis	Campbell, Andrew	
1	2860	PATH	Molecular Mechanisms of Human Disease	Bartnikas, Thomas	
2	0040	MED	Nutrition for Fitness and Physical Activity	Flynn, Mary	
2	0080	MPPB	Biotechnology Management	Bready, Barrett	
2	0140A	path	Communicating Science: Science Journalism	Turner, Scott	
2	0150C	EEB	Methods for Extraction and Analyzing Secondary Metabolites of Medicinal Plants (FYS)	Jackson, Fred	L
2	0160	MCB	Plants, Food and People (WRIT)	Heywood, Peter	
2	0180	MMI	The Biology of AIDS	Shank, Peter	
2	0190S	MMI	Foundations: Phage Hunters, Part II (FYS)	Zhou, Yang	L

2	0200	MCB	The Foundations of Living Systems	Miller, Kenneth	L
2	0280	MCB	Introductory Biochemistry	Salomon, Arthur	C
2	0285	MCB	Introductory Biochemistry Lab	Jogl, Gerwald	
2	0300	PATH	Endocrinology	Messerlian, GERALYN	
2	0350	EEB	Fossil Record: Life on Earth	Andrew Leslie	
2	0420	EEB	Principles of Ecology	Witman, Jon	C
2	0440	MCB	Plant Organism	DeLong, Alison	L
2	0495	EEB	Statistical Analysis of Biological Data	Ramachandran, Sohini	C
2	0500	MCB	Cell and Molecular Biology	Heywood, Peter	
2	0510	MMI	Introductory Microbiology	Bennett, Richard	L
2	0800	MPPB	Principles of Physiology	Hai, Chi-Ming	L
2	0960	ALL	Independent Study in Science Writing		
2	1100	MPPB	Cell Physiology and Biophysics	Horrigan, Diana	
2	1190	MPPB	Synaptic Transmission and Plasticity	Kauer, Julie	
2	1200	MPPB	Protein Biophysics and Structure	Peti, Wolfgang	
2	1330	MCB	Biology of Reproduction	Wessel, Gary	
2	1425	EEB	Phylogenetic Biology	Dunn, Casey	C
2	1450	EEB	Community Ecology	Kellner, James	
2	1475	EEB	Biogeography	Sax, Dov	
2	1540,2540	MCB	Molecular Genetics (Grad students register for 2540)	Larschan, Erica	
2	1550	MMI	The Biology of Emerging Microbial Diseases	Campbell, Andrew	
2	1560	MMI	Virology	Jamieson, Amanda	
2	1585	EEB	The Biology of Desert Plants	Edwards, Erika	
2	1600	MMI	Development of Vaccines to Infectious Diseases	Bungiro, Richard	
2	1820	PATH	Environmental Health and Disease	Johnston, Tatiana	
2	1870	PATH	Techniques in Pathobiology	Jackson, Cynthia	
2	1880	EEB	Comparative Biology of the Vertebrates	Chew, Amy	L
2	1960	ALL	Directed Research/Independent Study	Faculty Advisors	
2	2000C	MCB	Current Topics in MCDB:Protein Biophysics & Structure: Molecular Basis of Disease	DeLong, Alison	
2	2010	MCB	Quantitative Approaches to Biology	Fairbrother, William	
2	2040 (1040	MCB	Ultrastructure/Bioimaging	Williams, Geoffrey	L
2	2145	MPPB	Molecular Targets of Drug Discovery	Horrigan, Diana	
2	2156	MPPB	Special Topics in Biotechnology Writing (Fall semester register for 21	Mathiowitz, Edith	C
2	2167	MPPB	In Vitro Models for Disease	Schell, Jacquelyn	
2	2180	MPPB	Experiential Learning Industry (eli)	Zielinski-Habershaw, Beth	
2	2240	MPPB	Biomedical Engineering and Biotechnology Seminar	Morgan, Jeffrey	

<b>2</b>	<b>2245</b>	<b>MPPB</b>	<b>Blood Substitutes: Principles and Therapeutics Development (Offered Semester I and II)</b>	<b>Kim, Hae Won</b>
<b>2</b>	<b>2350</b>	<b>MCB</b>	<b>The Biology of Aging</b>	<b>Helfand, Stephen</b>
<b>2</b>	<b>2440 S01</b>	<b>EEB</b>	<b>Topics in Ecology and Evolutionary Biology: IGERT Reverse Ecology: Computational integration of genomes, organisms and</b>	<b>Rand, David</b>
<b>2</b>	<b>2440 S03</b>	<b>EEB</b>	<b>Topics in Ecology and Evolutionary Biology: 3-D Thinking/ Communi</b>	<b>Gatesy, Stephen</b>
<b>2</b>	<b>2640A</b>	<b>MMI</b>	<b>Topics in Microbiology and Immunology: Viral Immunology</b>	<b>Biron, Christine</b>