

## CMDB PRE-APPROVED ELECTIVES

Dept/Institution	Course #	Title	# of electives	Semester Held
JHU	AS.280.345	PUBLIC HEALTH BIOSTATS	1	Fall
JHU	AS.030.441	SPECTROSCOPIC METHODS OF ORGANIC STRUCTURE DETERMINATION	1	Fall
JHU	AS 080.305	NERVOUS SYSTEM I	1	Fall
JHU	AS 080.306	NERVOUS SYSTEM II	1	Spring
JHU	AS 080.630	BODIAM SEMINAR SERIES	1	Fall
JHU	AS 080.631	BODIAM SEMINAR SERIES	1	Spring
JHU	AS 410.692	BIOLOGICAL & CHEMICAL THREAT RESPONSE AND FORENSICS	1	Fall
JHU	EN.661.610	RESEARCH WRITING	1	Fall
JHU	EN.600.639	COMPUTATIONAL GENOMICS	1	Fall
JHU	EN.661.710	DISSERTATION WRITING WORKSHOP	1	Fall
JHMI	ME 110.726	NUCLEAR STRUCTURE AND HUMAN DISEASE	1/2	Fall
JHMI	ME 110.728	CELL STRUCTURE AND DYNAMICS	1/2	Fall
JHMI	ME.260.710	FRONTIERS IN EPIGENETICS	1	Spring
JHMI	ME 440.811	NEUROSCIENCE COGNITION I	1	Fall
JHMI	ME 440.812	NEUROSCIENCE COGNITION II	1	Spring
JHMI	ME 440.808	PHYSIOLOGY OF SENSORY TRANSDUCTION	1	Spring
JHMI	ME 440.709	NEUROPHARMACOLOGY	1	Spring
JHMI	ME 260.708	GENETICS	1	Spring
JHMI	ME 110.703	MEMBRANE TRAFFICKING	1/2	Spring
JHMI	ME 260.812	GREAT EXP. IN BIOLOGY	1/2	Spring
JHMI	ME 440.707	MOL & CELL MECH SYN TRAN	1/2	Spring
JHMI	ME 440.772	VISUAL SYSTEM	1	Spring
JHMI	ME 440.808	PHYSIOLOGY OF SENSORY TRANSDUCTION	1	Fall
JHU BIOPHYSICS	AS 250.679	INTRO TO COMPUTING/ COMPUTING FOR THE SCIENCES	1	Fall
JHU BIOPHYSICS	AS 250.689	BIOLOGICAL MACROMOLECULES	1	Fall
JHU BIOPHYSICS	AS 250.685	PROTEINS AND NUCLEIC ACIDS	1	Fall
JHU BIOPHYSICS	AS 250.683	INTRO TO UNIX/PYTHON	1	Spring
JHU BIOPHYSICS	AS 250.690	METHODS: MOLECULAR BIOPHYSICS	1	Spring
JHU CHEMISTRY	AS 030.601	STATISTICAL MECHANICS	1	Spring
JHU CHEMISTRY	AS 030.632	TOPICS IN BIOORGANIC CHEMISTRY	1	Spring
JHU CHEMISTRY	AS 030.635	NUCLEAR MAGNETIC RESONANCE	1	Fall
JHU CHEMISTRY	AS 030.631	BIOORGANIC CHEMISTRY	1	Fall
JHU BIOMED	EN 580.640	CELL ENGINEERING	1	Fall

JHU BIOMED	EN 580.642	TISSUE ENGINEERING	1	Spring
JHSPH	PH 120.603	MOLECULAR BIOLOGY OF PANDEMIC INFLUENZA	1	2 <sup>nd</sup> Term
JHSPH	PH 120.621	MOLECULAR ENDOCRINOLOGY	1	3 <sup>RD</sup> Term
JHSPH	PH 120.622	MOLECULAR REPRODUCTION	1/2	4 <sup>th</sup> Term
JHSPH	PH 120.627	STEM CELLS&BIOLOGY OF AGING	1/2	2 <sup>nd</sup> Term
JHSPH	PH 140.615	STATS FOR LAB SCIENTISTS 1	½	3 <sup>RD</sup> Term
JHSPH	PH 140.616	STATS FOR LAB SCIENTISTS 2	½	4 <sup>TH</sup> Term
JHSPH	PH 140.636	PERL FOR BIOINFORMATICS	½	1 <sup>st</sup> Term
JHSPH	PH 140.651	METHODS IN BIostatISTICS I	½	1 <sup>st</sup> Term
JHSPH	PH 140.652	METHODS IN BIostatISTICS II	½	2 <sup>nd</sup> Term
JHSPH	PH 260.631	IMMUNOLOGY, INFECTION AND DISEASE	1/2	1 <sup>st</sup> Term
JHSPH	PH 266.623	FUNDAMENTAL VIROLOGY	1	1 <sup>st</sup> Term
JHSPH	PH 300.652	POLITICS OF HEALTH POLICY	1	2 <sup>nd</sup> Term
NIH FAES	BIOF 429	PRACTICAL BIOINFORMATICS	1	Fall
NIH FAES	BIOF 521	BIOINFORMATICS FOR ANALYSIS OF DATA GENREATED BY NEXT GENERATION SEQUENCING	1	Spring
NIH FAES	BIOC 532	BIOLOGICAL IMPORTANCE OF MODIFICATIONS IN DNA CHROMATIN	1	Spring
NIH FAES	BIOL 537	COMPUTATIONAL BIOLOGY	1	Fall
NIH FAES	GENE 505	EMBRYOLOGY, DEVELOPMENTAL BIOLOGY AND HUMAN MALFORMATIONS	1/3	Fall
NIH FAES	GENE 418	THE GENOMICS & PROTEOMICS OF MITOCHONDRIAL BIOGENESIS OF THE CELL	2/3	
NIH FAES	IMMU 403	BASIC PRINCIPLES OF IMMUNOLOGY AND HYPERSENSITIVITY	2	Fall
NIH FAES	MED I329	TUMOR MICROENVIRONMENT AND METASTASIS	1	Fall
NIH FAES	MICR 424	MODERN MYCOLOGY: MEDICINE TO MISCELLANY	1	Fall
NIH FAES	PHARM 400	PHARMACOLOGY	1	
NIH FAES	STAT 500	STATISTICAL MECHANICS	1	Fall
NIH*		METHODS & LOGIC	1	Fall
NIH	BIOL 435	CURRENT TRENDS IN THE NEUROBIOLOGY OF MENTAL ILLNESS	.5	Fall
NIH FAES	MICR 418	EMERGING INFECTIOUS DISEASES	1	Spring

- \*Will be offered as a Biology Graduate Class starting Fall 2011