

MBIOT BIOTECH I COURSE (EMBT)

Code	Title	Course Units
BBCB 5850	Wistar Institute Cancer Biology Course: Signaling Pathways in Cancer	1
BE 5120	Bioengineering III: Biomaterials	1
BE 5400	Principles of Molecular and Cellular Bioengineering	1
BE 5530	Principles, Methods, and Applications of Tissue Engineering	1
BE 5550	Nanoscale Systems Biology	1
BE 5580	Principles of Biological Fabrication	1
BE 5610	Musculoskeletal Biology and Bioengineering	1
BE 6080	Medical Entrepreneurship: Commercializing Translational Science	1
BIOL 4004	Immunobiology	1
BIOL 4007	Cancer Cell Biology	1
BIOL 4010	Advanced Cell Biology	1
BIOL 4026	Chromosomes and the Cell Cycle	1
BIOL 4077	The Science and Art of Biotechnology	1
BIOL 4210	Molecular Genetics	1
BIOL 4231	Genome Science and Genomic Medicine	1
BIOL 4234	Epigenetics	1
BIOL 4235	The RNA World: A functional and computational analysis	1
BIOL 5010	Advanced Cell Biology	1
BIOL 5022	Cell Signaling	1
BIOL 5026	Chromosomes and the Cell Cycle	1
BIOL 5210	Molecular Biology and Genetics	1
BIOL 5231	Genome Science and Genomic Medicine	1
BIOL 5234	Epigenetics	1
BIOL 5536	Fundamentals of Computational Biology	1
BIOL 5710	Microbial Diversity and Pathogenesis	1
BIOM 5020	Molecular Basis of Disease	1
BIOM 5350	Introduction to Bioinformatics	1
CAMB 4310	Genome Science and Genomic Medicine	1
CAMB 4800	Advanced Cell Biology	1
CAMB 4830	Epigenetics	1
CAMB 4850	The RNA World: A functional and computational analysis	1
CAMB 4860	Chromosomes and the Cell Cycle	1
CAMB 6090	Vaccines and Immune Therapeutics	1
CAMB 6170	Emerging Infectious Diseases	1
CAMB 7520	Genomics	1
CBE 5400	Principles of Molecular and Cellular Bioengineering	1
CBE 5550	Nanoscale Systems Biology	1
CBE 5570	Stem Cells, Proteomics and Drug Delivery - Soft Matter Fundamentals	1

CIS 5350	Introduction to Bioinformatics	1
CIS 5360	Fundamentals of Computational Biology	1
GCB 5360	Fundamentals of Computational Biology	1
GCB 7520	Genomics	1
IMUN 6090	Vaccines and Immune Therapeutics	1
MEAM 5550	Nanoscale Systems Biology	1
MTR 5350	Introduction to Bioinformatics	1
MTR 6200	Medical Entrepreneurship: Commercializing Translational Science	1
PHRM 6230	Fundamentals of Pharmacology	1