

### Courses taken by BME students

Dept#	Course Title	Instructor
AMTH 631	Optimization and Computation	Zhuoran, Yang
B&BS 681	Advanced Topics in Cancer Biology	N/A
BIS 540	Fundamentals of Clinical Trials	Makuch, Robert
BIS 557	Computational Statistics	Kane, Michael John
BIS 575	Intro to Regulatory Affairs	Makuch, Robert
BIS 623	Applied Regression Analysis	Claus, Elizabeth
BIS 625	Categorical Data Analysis	Wang, Zuoheng
BIS 646	Nonparametric Stat Mthds & Appltcn	Zhang, Heping
BIS 679	Adv Stat Programming w/ SAS & R	Esserman, Denise
CBIO 602	Molecular Cell Biology	Caplan, Michael J.; Dimitrova, Nadya Miroslavova; Pollard, Thomas D.; Rothman, James ; Horsley, Valerie ; van Wolfswinkel, Josephina ; Breslow, David King; Melia, Thomas ; King, Megan ; Lusk, Charles Patrick; Schwartz, Martin A.; Burd, Christopher G
CBIO 655	Stem Cells: Biology & Application	Park, In-Hyun
CDE 520	CB Learn-Genetics & Envir Dis	Hoh, Josephine
CDE 534	Applied Analy Methods in EPI	Desai, Mayur Mahesh
CHEM 562L	Lab Instr Design & Mech Arts	Zilm, Kurt W.; Johnson, David W.
CHEM 564L	Adv Mechanical Instrumentation	Zilm, Kurt W.; Johnson, David W.
CPSC 100	Intro Computing & Programming	Melo, Natalie Araujo; Brown, Benedict
CPSC 366	Intensive Algorithms	Cai, Yang
CPSC 522	Operating Sys Design & Implemntatn	Shao, Zhong
CPSC 537	Intro to Database Systems	Silberschatz, Abraham
CPSC 551	The User Interface	Gelernter, David
CPSC 553	Machine Learning for Biology	Krishnaswamy, Smita
CPSC 583	Deep Learning on Graph-Structu	Ying, Rex
CPSC 663	Deep Learning Theory Applications	Krishnaswamy, Smita
EHS 511	Principles of Risk Assessment	Ginsberg, Gary
EHS 545	Molecular Epidemiology	Zhu, Yong
EHS 573	Epi Issues in Occ and Env Med	Slade, Martin David; Russi, Mark Bernard
ENAS 500	Mathematical Methods I	Vaisnys, J. Rimas
ENAS 502	Stochastic Processes	Negahban, Sahand N; Wu, Yihong
ENAS 510	Physical & Chem Basis of Biosensing	Rothman, Carson, Hyder, Hillmer
ENAS 517	Mthds & Lgc Interdisciplinary Rsrch	O'Hern, Corey S.
ENAS 519	Responsible Conduct of Research	Wilczynski, Vincent
ENAS 522	Methods in Cancer Research	Mak
ENAS 523	Data & Clinical Decision-Making	Onofrey, John & Choma, Michael
ENAS 530	Optimization Techniques	Tatikonda, Sekhar
ENAS 534	Biomaterials	Fahmy
ENAS 538	Probability and Statistics	Chang, Joseph T
ENAS 544	Medical Imaging	Liu
ENAS 549	Biomedical Data Analysis	Carson
ENAS 550	Physiological Systems	Saltzman, Campbell
ENAS 553	Immunoengineering	Murrell

ENAS 558	Introduction to Biochanics	Fan
ENAS 561	Dynamical Systems in Biology	Emonet, Thierry ; Howard, Jonathon
ENAS 575	ComputalVision&BiologPerceptn	Zucker
ENAS 600	Computer-Aided Engineering	Long, Marshall B.
ENAS 615	Synthesis of Naomaterials	Pfefferle
ENAS 711	BioMEMS&BiomedicalMicrodevices	Fan, Rong
ENAS 747	AppNumMethAlgSysEigensysFcnApp	Bennett, Beth Anne
ENAS 770	Soft Robot Modeling & Control	Kramer-Bottiglio, Rebecca Krone
ENAS 905	Applied Digital Signal Process	Vaisnys, J. Rimas
ENAS 912	Biomed ImageProcessing&Analy	Duncan, Staib
ENAS 990	Special Investigations	N/A
ENAS 991	Intrgrated Workshop	O'Hern, Corey
GENE 655	Stem Cells:Biolog&Application	Park, In-Hyun
IBIO 530	Biology of the Immune System	Meffre
IBIO 532	Inflammation	Medzhitov, Ruslan
Math 522	Geometric & Topological in ML	Krishnaswamy, Smita & Adelstein, Ian
MB&B 600	Principles of Biochemistry I	Simon, Koelle, Paulsen
MCDB 500	Biochemistry	Engelman, Donald ; Breaker, Ronald
MCDB 530	Biology of the Immune System	Schatz, David Gilliam; Cresswell, Peter ; Pober, Jordan Stuart; Pereira, Joao Pedro; Roy, Craig Russell; Craft, Joseph Edgar; Kavathas, Paula B; Joshi, Nikhil ; Ring, Aaron Michael; Palm, Noah Wolcott; Haberman, Ann M; Rothlin
MCDB 562	Dynamical Systems in Biology	Emonet, Thierry ; Howard, Jonathon
MCDB 570	Biotechnology	Crews, Craig M; Wolenski, Joseph ; Nelson, Kenneth F; Nelson, Jordan Oliver
MCDB 631	RNAseq: Anlys Intro to Bioinfo	Van Wolfswinkel, Josien
MCDB 650	Epigenetics	Dimitrova, Nadya Miroslavova; van Wolfswinkel, Josephina
MCDB 670	AdvSemBiochemistry&Genetics	Breaker, Ronald ; Pyle, Anna ; van Wolfswinkel, Josephina
MCDB 720	Neurobiology	Keshishian, Forscher
MCDB 752	BiomedicalDataSci:Mining&Mdlng	Gerstein, Mark
NSCI 160	The Human Brain	McCarthy, Gregory
Path 625	Pathobio of Neurodegeneration	Gonzalez
PATH 650	Cellular&MolecularBio ofCancer	Stern, David F.
PATH 681	AdvancedTopicsin CancerBiology	Jensen, Ryan Brown
Path 690	MolecularMechanisms of Disease	Braddock, Fernandez-Hernando
PHAR 504	Principles of Pharmacology	Lolis, Elias
PHAR 530	TargtdUseStrctrlBioInDrugDisc	Boggon, Titus ; Ha, Ya
S&DS 506	Intro to Stat: Data Analysis	Reuning-Scherer, Jonathan David; Brinda, William David
S&DS 530	Data Exploration and Analysis	Reuning-Scherer, Jonathan David, Wang, Xiaofei
S&DS 538	Probability and Statistics	Chang, Joseph T
S&DS 541	Probability Theory	Wu, Yihong
S&DS 565	AppldDataMining&MchneLearning	Lafferty, John
S&DS 569	Numerical Linear Algebra	Gilbert, Anna
S&DS 661	Data Analysis	Brinda, William David
S&DS 671	Selected Topics in Neural Nets	Zhou, Harrison