

Code	Course Name	Instructor	Day	Class Start	Class End	Start Time	End Time	Room Number	Building	Tuition	Books (Required or Recommended)	Book Fee	
<b>BIOCHEMISTRY, CHEMISTRY, PHARMACOLOGY, AND TOXICOLOGY</b>													
BIOC 301	Biochemistry I	Ho, Mitchell	M	9/9/2019	12/23/2019	5:30 PM	8:30 PM	Room 134	BLDG60	\$531.00	Nelson DL., Cox MM. Lehninger Principles of Biochemistry. 7th ed.	\$285.00	
BIOC 330	Principles of Protein Structure	Shaw, Porsha		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
CHEM 101	General Chemistry I	Luderman, Kathryn		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
PHAR 328	FDA Perspective on Drug Development	Ghantous, Hanan	Th	9/12/2019	12/19/2019	5:45 PM	7:45 PM	B1C204	BLDG10	\$354.00	no textbook		
PHAR 401	Medical Pharmacology	Shukla, Suneet	W	9/11/2019	12/11/2019	5:00 PM	8:00 PM	B1C206	BLDG10	\$531.00	Golan et al. Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy. 4th ed. (recommended)	\$92.99	
PHAR 500	Principles of Clinical Pharmacology - <b>ONLINE</b>	Cordes, Lisa	T	11/1/2019	6/30/2020	Online	Online	Online	Online	\$708.00	Go to <a href="http://ocr.od.nih.gov/courses/principles-clinical-pharmacology.html">ocr.od.nih.gov/courses/principles-clinical-pharmacology.html</a> for further course information		
TOXI 303	Introduction to Toxicology	Bourdi, Mohammed		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
<b>BIOINFORMATICS AND DATA SCIENCE</b>													
BIOF 309	Introduction to Python	Skarzynski, Martin	Th	9/12/2019	12/19/2019	6:00 PM	8:00 PM	B1C209-211	BLDG10	\$354.00	Grus J. Data Science from Scratch: First Principles with Python. 2nd ed. (recommended)	\$59.99	
BIOF 339	Practical R	Dasgupta, Abhijit	W	9/11/2019	12/11/2019	5:00 PM	7:00 PM	B1C209	BLDG10	\$354.00	no textbook		
BIOF339-2	Practical R	Dasgupta, Abhijit	W	9/11/2019	12/11/2019	7:00 PM	9:00 PM	B1C209	BLDG10	\$354.00	no textbook		
BIOF 399	Deep Learning for Healthcare Image Analysis	Tetreault, Jesse	M	9/9/2019	12/23/2019	5:00 PM	7:00 PM	B1C207	BLDG10	\$354.00	Goodfellow I. Deep Learning. 1st ed. (recommended)	\$80.00	
BIOF 501	Introduction to R: Step-by-Step Guide	Ko, Kyung	Th	9/12/2019	12/19/2019	5:30 PM	7:30 PM	Rathskeller	BLDG60	\$354.00	Cotton R. Learning R: A Step-by-Step Function Guide to Data Analysis. 1st ed. (recommended)	\$49.99	
BIOF 509	Applied Machine Learning	Skarzynski, Martin	W	9/11/2019	12/11/2019	6:00 PM	8:00 PM	Rathskeller	BLDG60	\$354.00	Grus J. Data Science from Scratch: First Principles with Python. 2nd ed. (recommended)	\$59.99	
BIOF 518	Theoretical and Applied Bioinformatics	Tatusova, Tatiana	M	9/9/2019	12/23/2019	5:30 PM	8:30 PM	Room 2-3330	BLDG10	\$531.00	no textbook		
MATH 127	Elementary Calculus I	Souto-Maior, Caetano	T	9/10/2019	12/10/2019	6:00 PM	9:00 PM	B1C204	BLDG10	\$531.00	Stewart J., Day T. Biocalculus: Calculus, Probability, and Statistics for the Life Sciences. 1st ed. (recommended)	\$249.95	
MATH 215	Introduction to Linear Algebra With Applications in Statistics	Souto-Maior, Caetano	W	9/11/2019	12/11/2019	6:00 PM	9:00 PM	B1C2011	BLDG10	\$531.00	Stewart J. Calculus. 8th ed. (recommended)	\$299.95	
											Strang G. Introduction to Linear Algebra. 5th ed. (required)	\$97.50	
											Hefferon J. Linear Algebra. 3rd ed. (recommended)	\$29.00	
<b>BIOLOGY, GENETICS AND MEDICINE</b>													
BIOL 101	Foundations in Biomedical Science I (7 weeks) - <b>ONLINE</b>	Maris, Melinda	Online	9/9/2019	10/25/2019	Online	Online	Online	Online	\$354.00	Alberts B. Essential Cell Biology. 5th ed. (required)	\$187.00	
BIOL 102	Foundations in Biomedical Science II (7 weeks) - <b>ONLINE</b>	Maris, Melinda	Online	10/28/2019	12/13/2019	Online	Online	Online	Online	\$354.00	Alberts B. Essential Cell Biology. 5th ed. (required)	\$187.00	
BIOL 222	Genomics in Modern Society - <b>ONLINE HYBRID</b>	Tiso, Mauro		In-person Meeting: 10/23, 6:00PM	9/9/2019	12/13/2019	Online	Online	1N241 - FAES Conference Room	BLDG10	\$354.00	no textbook	
BIOL 262	Research Tools for Studying Diseases	Kesner, Andrew	M	9/9/2019	12/23/2019	5:15 PM	7:15 PM	B1C209	BLDG10	\$25.00	no textbook		
BIOL 325	Human Neuroscience	Haq, Nowreen	W	9/11/2019	12/11/2019	5:00 PM	8:00 PM	Room 2-3330	BLDG10	\$531.00	Bear et al. Neuroscience: Exploring the Brain. 4th ed. (required)	\$131.99	
BIOL 356	Connective Tissue Biology	Makareeva, Elena		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
BIOL 425	RNA Interference and CRISPR (7 weeks)	John, Sinu	M	9/9/2019	10/28/2019	5:30 PM	7:30 PM	B1C211	BLDG10	\$177.00	no textbook		
GENE 500 I	Introduction to Medical Genetics I	Hart, Suzanne	T	9/10/2019	12/10/2019	5:30 PM	7:30 PM	Room 5328	BLDG50	\$354.00	Nussbaum R. Genetics in Medicine. 8th ed. (required)	\$59.99	
GENE 505	Embryology, Developmental Biology, and Human Malformations	Biesecker, Leslie	W	9/11/2019	12/11/2019	5:30 PM	6:30 PM	Room 5328	BLDG50	\$177.00	Carlson BM. Human Embryology and Developmental Biology. 6th ed. (required)	\$78.99	
GENE 510	Genetic Counseling: Professional Topics Seminar	Erby, Lori	F	9/6/2019	12/20/2019	1:30 PM	3:30 PM	B1E12/14	BLDG31	\$708.00	no textbook		
MEDI 275	Fundamental Principles of Histology (7 weeks)	Mine, Sohtarō	T & Th	9/10/2019	10/24/2019	5:00 PM	7:00 PM	Room 5-2550	BLDG10	\$354.00	no textbook		
MEDI 311	Principles of Endocrinology	Krauthamer, Victor	W	9/11/2019	12/11/2019	5:00 PM	7:00 PM	B1C210	BLDG10	\$100.00	Holt R., Hanley N. Essential Endocrinology and Diabetes. 6th ed. (required)	\$71.75	
											Epstein RH. Aroused: The history of hormones and how they control just about everything. 1st ed. (recommended)	\$26.95	
MEDI 317	Human Physiology I	Krauthamer, Victor	Th	9/12/2019	12/19/2019	5:00 PM	7:00 PM	B1C208	BLDG10	\$354.00	Koepfen BM., Stanton B. Berne and Levy Physiology. 7th ed. (required)	\$119.99	
<b>IMMUNOLOGY AND MICROBIOLOGY</b>													
IMMU 403	Basic Principles of Immunology and Hypersensitivity	Maciel, Milton	W	9/11/2019	12/11/2019	5:30 PM	7:30 PM	B1C205-207	BLDG10	\$354.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00	
IMMU 403-O	Basic Principles of Immunology and Hypersensitivity - <b>ONLINE</b>	Cummings, Patrick	Online	9/9/2019	12/13/2019	Online	Online	Online	Online	\$354.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00	
IMMU 419	Cancer Immunotherapy	Sharon, Elad	M	9/9/2019	12/23/2019	5:30 PM	7:30 PM	B1C205	BLDG10	\$354.00	no textbook		
IMMU 521	Molecular and Cellular Mechanisms of Immunity I	Henkart, Pierre	Th	9/12/2019	12/19/2019	5:30 PM	7:30 PM	B1C205	BLDG10	\$354.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00	
MICR 317	Molecular Virology	Arya, Suresh	M	9/9/2019	12/23/2019	5:30 PM	7:30 PM	B1C208	BLDG10	\$354.00	no textbook		
MICR 325	Molecular Microbiology	Losada Brown, Liliana	Th	9/12/2019	12/19/2019	6:00 PM	9:00 PM	Room 3-2550	BLDG10	\$531.00	Madigan MT. Brock Biology of Microorganisms. 15th ed. (recommended)	\$247.00	
<b>LANGUAGES AND GENERAL STUDIES</b>													
ENGL 105	Fundamental English Conversation I	Miller, Fran	M	9/9/2019	12/23/2019	4:15 PM	7:05 PM	Room 5-1608	BLDG10	\$100.00	Saslow & Ascher. Top Notch 3. 3rd ed. (required)	\$55.00	
ENGL 205	Intermediate English Conversation I	Miller, Fran	M	9/9/2019	12/23/2019	7:05 PM	9:55 PM	Room 5-1608	BLDG10	\$480.00	Saslow & Ascher. Summit 1. 3rd ed. (required)	\$54.75	
ENGL 305	Advanced English Written Grammar I	Miller, Fran	T	9/10/2019	12/10/2019	4:15 PM	7:05 PM	Room 3-2550	BLDG10	\$480.00	Maurer J. Focus on Grammar 5. 5th ed. (required)	\$58.75	
ENGL 355	Advanced English Conversation: Language, Culture, and Medicine	Kagan, Jennifer	T & Th	9/10/2019	12/5/2019	4:00 PM	5:30 PM	B1C204	BLDG10	\$480.00	no textbook		
ENGL 375	Lunchtime Professional English Series: English for Better Workplace Communication	Kagan, Jennifer	T & Th	9/10/2019	12/5/2019	1:00 PM	2:30 PM	B1C204	BLDG10	\$480.00	no textbook		
GENL 275	Introductory American Sign Language	Dunham, Michael	Th	9/12/2019	12/19/2019	5:00 PM	8:00 PM	B1C207	BLDG10	\$100.00	no textbook		
GENL 319	MCAT Review and Test Preparation	Barisic, Stefan	M & W	9/4/2019	12/18/2019	5:30 PM	7:30 PM	2C116 - FAES Education Suite	BLDG10	\$640.00	The Princeton Review MCAT Subject Review Complete Box Set. 3rd ed. (recommended)	\$225.00	
GENL 322-1	GRE Review (7 weeks) - <b>ONLINE</b>	Sissung, Tristan	Online	9/9/2019	10/25/2019	Online	Online	Online	Online	\$160.00	ETS. Official GRE Super Power Pack. 2nd ed. (required)	\$72.00	
GENL 322-2	GRE Review (7 weeks) - <b>ONLINE</b>	Sissung, Tristan	Online	10/28/2019	12/13/2019	Online	Online	Online	Online	\$160.00	ETS. Official GRE Super Power Pack. 2nd ed. (required)	\$72.00	
GENL 411	Human Nutrition: Macronutrients and Micronutrients	Swartout, Jennifer		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
SPAN 101	Spanish for Beginners I	Segura, Humberto	W	9/11/2019	12/11/2019	5:00 PM	8:00 PM	B1C204	BLDG10	\$480.00	Contact Instructor at <a href="mailto:dr.segu@yahoo.com">dr.segu@yahoo.com</a> for book information		
SPAN 208	Spanish for Healthcare Providers	Segura, Humberto	T	9/10/2019	12/10/2019	5:00 PM	8:00 PM	B1C207	BLDG10	\$480.00	Rios J. McGraw-Hill's Complete Medical Spanish. 3rd ed. (required)	\$22.00	
<b>PUBLIC HEALTH</b>													
PBHL 500	Introduction to Global Health	Farhat, Tilda	Th	9/12/2019	12/19/2019	6:00 PM	8:00 PM	Room 2-3330	BLDG10	\$100.00	Skolnik R. Global Health 101. 3rd ed. (required)	\$93.95	
PBHL 517	Health Policy and Administration	Wood, Brandon	Th	9/12/2019	12/19/2019	6:00 PM	9:00 PM	B1C206	BLDG10	\$531.00	Kovner AR., Knickman JR. Health Care Delivery in the United States. 12th ed. (required)	\$95.00	
PBHL 521	Cancer Screening (7 weeks)	Marcus, Pamela	W	10/30/2019	12/11/2019	4:00PM	6:00PM	SG 1E030	NCI Shady Grove	\$177.00	no textbook		
PBHL 580	Health Economics and Econometrics Applied to the Evaluation of Research	Hamann, Sue	W	9/11/2019	12/11/2019	5:30 PM	8:30 PM	Room 3-2550	BLDG10	\$531.00	Fealing et al. (eds). Measuring the Economic Value of Research: The Case of Food Safetv. 1st ed. (required)	\$110.00	
											Angrist JD., Pischke JS. Mastering Metrics: The Path from Cause to Effect. 1st ed. (required)	\$35.00	
PBHL 607	Capstone Project in Public Health	Marcus, Stephen	By appointment with instructor	9/9/2019	12/13/2019	n/a	n/a	n/a	n/a	\$531.00	no textbook		
STAT 200	Experimental Statistics I	Fede, Samantha	M	9/9/2019	12/23/2019	5:30 PM	8:30 PM	B1C206	BLDG10	\$531.00	Field et al. Discovering Statistics Using R. 1st ed. (required)	\$96.00	
STAT 317	Introduction to Epidemiology - <b>ONLINE</b>	Hirsch, Robert	Online	9/9/2019	12/13/2019	Online	Online	Online	Online	\$531.00	no textbook		
STAT 321	Methodology in Clinical Trials	Rosenberg, Yves	W	9/11/2019	12/11/2019	5:30 PM	8:30 PM	B1C208	BLDG10	\$531.00	Friedman LM. Fundamentals of Clinical Trials. 5th ed. (required)	\$84.99	
STAT 330	Introduction to SAS (7 weeks)	Li, Jeffrey	T & Th	9/10/2019	10/24/2019	6:00 PM	8:00 PM	Room 134	BLDG60	\$354.00	no textbook		
STAT 500	Statistics for Biomedical Scientists I	Shah, Deven	T	9/10/2019	12/10/2019	5:00 PM	8:00 PM	B1C209-211	BLDG10	\$531.00	Rosner B. Fundamentals of Biostatistics. 8th ed. (required)	\$199.95	
STAT 500 II	Statistics for Biomedical Scientists II - <b>ONLINE</b>	Hirsch, Robert	Online	9/9/2019	12/13/2019	Online	Online	Online	Online	\$531.00	no textbook		
<b>TECHNOLOGY TRANSFER, BUSINESS, AND INDUSTRY</b>													
TECH 490	Communication in Biomedical Sciences (7 weeks)	Reczek, Peter	T	10/29/2019	12/10/2019	5:30 PM	7:30 PM	TBA	BLDG10	\$177.00	no textbook		
TECH 495	The FDA: Science, Health Policy, and Regulation in an Uncertain Environment	Bachorik, Lawrence	T	9/10/2019	12/10/2019	5:15 PM	7:15 PM	B1C206	BLDG10	\$354.00	Hilts PJ. Protecting America's Health: the FDA, Business, and One Hundred Years of Regulation. 1st ed. (required)	\$37.50	
TECH 513A	Introduction to Technology Transfer - Issues and Processes (11 weeks)	Leshuk, Richard	T	9/10/2019	11/19/2019	6:00 PM	9:00 PM	B1C205	BLDG10	\$354.00	no textbook		
TECH 521	Tools for Technology Transfer Managers - Handling Intellectual Property in Collaborations, and Agreements	Goldstein, Bruce	M	9/9/2019	12/23/2019	5:30 PM	7:30 PM	B1C204	BLDG10	\$354.00	no textbook		
TECH 565	Biomedical Business Development for Scientists	Salgaller, Michael	Th	9/19/2019	12/19/2019	5:30 PM	7:30 PM	B1C210	BLDG10	\$354.00	no textbook		
TECH 567	International Strategic Partnering and Business Development	Khanna, Rita	T	9/10/2019	12/10/2019	5:30 PM	7:30 PM	B1C208	BLDG10	\$100.00	no textbook		
TECH 575	Accounting and IP Valuation for Non-Accountants	Ororbia-Knapton, Diana	W	9/11/2019	12/11/2019	6:00 PM	8:00 PM	Room 134	BLDG60	\$354.00	Label WA. Accounting for Non-Accountants: The Fast and Easy Way to Learn the Basics. 3rd ed. (required)	\$16.99	
TECH 583	Patent Research for Scientists and Engineers	Tedeschi, Steven		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		
TECH 588	FDA Regulatory Strategy in Medical Product Development	Koushik, Srinagesh	M	9/9/2019	12/23/2019	5:30 PM	7:30 PM	1N241 - FAES Conference Room	BLDG10	\$354.00	no textbook		
TECH 607	Capstone Course in Technology Transfer	Ferguson, Steven		CANCELLED FOR FALL 2019	-			CANCELLED FOR FALL 2019	-		CANCELLED FOR FALL 2019		

Early/Late Start/End Date