

Code	Course Name	Session	Lead Instructor	Class Start	Class End	Delivery	Credit	Tuition	Books (Required or Recommended)	Book Fee
BIOCHEMISTRY, CHEMISTRY, PHARMACOLOGY, AND TOXICOLOGY										
BIOC 301	Biochemistry I, part 1	Session A	Inderroop Singh	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Nelson DL. Lehninger Principles of Biochemistry, 7th ed. (required)	\$295.99
BIOC 302	Biochemistry I, part 2	Session B	Inderroop Singh	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Nelson DL. Lehninger Principles of Biochemistry, 7th ed. (required)	\$295.99
CHEM 211	Organic Chemistry I, part 1	Session A	Kathryn Luderger	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
PHAR 328	FDA Perspective on Drug Development	Session B	Abisola Tepede	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
PHAR 400	Medical Pharmacology I	Session A	Salina Gairhe	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Golan DE. Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy. 4th ed. (required)	\$94.99
PHAR 401	Medical Pharmacology II	Session B	Tristan Sissung	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Golan DE. Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy. 4th ed. (required)	\$94.99
PHAR 500	Principles of Clinical Pharmacology	Full Year	Lisa Cordes	9/1/2020	8/1/2021	Asynchronous	4	\$1,000.00	Go to ocr.od.nih.gov/courses/principles-clinical-pharmacology.html for further course information	
BIOINFORMATICS AND DATA SCIENCE										
BIOF 309	Introduction to Python	Session A	Sara Bandres Ciga	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
BIOF 309	Introduction to Python	Session B	Sara Bandres Ciga	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
BIOF 339	Practical R	Session A	Abhijit Dasgupta	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
BIOF 339	Practical R	Session B	Abhijit Dasgupta	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
BIOF 399	Deep Learning for Healthcare Image Analysis I	Session A	Krystyna Olmstead	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
BIOF 501	Introduction to R: Step-by-Step Guide	Session A	Kyng Dae Ko	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Cotton R. Learning R: A Step-by-Step Function Guide to Data Analysis. 1st ed. (recommended)	\$49.99
BIOF 501	Introduction to R: Step-by-Step Guide	Session B	Kyng Dae Ko	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Cotton R. Learning R: A Step-by-Step Function Guide to Data Analysis. 1st ed. (recommended)	\$49.99
BIOF 509	Applied Machine Learning	Session A	James Anibal	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Muller S and Guido AC. Introduction to Machine Learning with Python. 1st ed. (recommended)	\$60.00
BIOF 509	Applied Machine Learning	Session B	James Anibal	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Muller S and Guido AC. Introduction to Machine Learning with Python. 1st ed. (recommended)	\$60.00
BIOF 518	Theoretical and Applied Bioinformatics I	Session A	Tatiana Tatusova	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Ramsden J. Bioinformatics: An Introduction. 3rd ed. (required)	\$84.99
BIOF 519	Theoretical and Applied Bioinformatics II	Session B	Tatiana Tatusova	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Ramsden J. Bioinformatics: An Introduction. 3rd ed. (required)	\$84.99
MATH 215	Introduction to Linear Algebra With Applications in Statistics, part 1	Session A	Caetano Souto-Maior	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Strang G. Introduction to Linear Algebra. 5th ed. (required) Hefferon J. Linear Algebra 3rd ed. (recommended)	\$94.99 \$29.00
MATH 216	Introduction to Linear Algebra With Applications in Statistics, part 2	Session B	Caetano Souto-Maior	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Strang G. Introduction to Linear Algebra. 5th ed. (required) Hefferon J. Linear Algebra 3rd ed. (recommended)	\$97.99 \$29.00
STAT 203	Experimental Statistics II, part 1	Session A	Andrew Lauziere	9/8/2020	10/23/2020	Asynchronous	2	\$100.00	Weiss NA. Introductory Statistics. 10th ed. (required)	\$267.00
STAT 330	Introduction to SAS	Session B	Pierre Cartier	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
STAT 500	Statistics for Biomedical Scientists I, part 1	Session A	Deven Shah		10/23/2020	Asynchronous	2	\$500.00	Rosner B. Fundamentals of Biostatistics. 8th ed. (required)	\$199.95
STAT 501	Statistics for Biomedical Scientists I, part 2	Session B	Deven Shah	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Rosner B. Fundamentals of Biostatistics. 8th ed. (required)	\$199.95
BIOLOGY, GENETICS AND MEDICINE										
BIOL 262	Research Tools for Studying Diseases I*	Session A	Philip Ryan	9/8/2020	10/23/2020	Asynchronous	1	\$25.00*	no textbook	
BIOL 263	Research Tools for Studying Diseases II*	Session B	Philip Ryan	10/26/2020	12/11/2020	Asynchronous	1	\$25.00*	no textbook	
BIOL 325	Human Neuroscience I	Session A	Jacob Nordman	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Kandel E et al. Principles of Neural Science. 5th ed. (required)	\$98.00
BIOL 326	Human Neuroscience II	Session B	Jacob Nordman	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Kandel E et al. Principles of Neural Science. 5th ed. (required)	\$98.00
BIOL 327	Modern Embryonic and Developmental Biology**	Full Semester	Yosuke Mukoyama	9/8/2020	12/11/2020	Asynchronous**	2	\$500.00	Gilbert SF. Developmental Biology. 12th ed. (required)	\$187.95
BIOL 425	RNA Interference and CRISPR	Session B	Sinu John	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	no textbook	
GENE 500	Introduction to Medical Genetics I	Session A	Suzanne Hart	9/8/2020	10/23/2020	Asynchronous	1	\$250.00	Nussbaum et al. Thompson & Thompson Genetics in Medicine. 8th ed. (required)	\$59.99
GENE 501	Introduction to Medical Genetics II	Session B	Suzanne Hart	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	Nussbaum et al. Thompson & Thompson Genetics in Medicine. 8th ed. (required)	\$59.99
GENE 510	Genetic Counseling: Professional Topics Seminar I	Session A	Lori Erby	9/4/2020	10/23/2020	Asynchronous	1	\$500.00	no textbook	
GENE 511	Genetic Counseling: Professional Topics Seminar II	Session B	Lori Erby	10/26/2020	12/11/2020	Asynchronous	1	\$500.00	no textbook	
GENE 518	Medical Genetics and Genomic Medicine: From Diagnosis to Treatment I	Session A	Suzanne Hart	9/8/2020	10/23/2020	Asynchronous	1	\$250.00	no textbook	
GENE 519	Medical Genetics and Genomic Medicine: From Diagnosis to Treatment II	Session B	Suzanne Hart	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	no textbook	
MEDI 275	Fundamental Principles of Histology	Session B	Natalie Landeck	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
MEDI 317	Human Physiology I	Session A	Soumya Sundara Rajan	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
MEDI 501	Principles of Preclinical Translational Science – A case study from cancer drug discovery and development*	Session A	Jessica Faupel-Badger	9/8/2020	10/23/2020	Asynchronous	1	\$50.00*	no textbook	
IMMUNOLOGY AND MICROBIOLOGY										
IMMU 325	The Human Microbiome: New Concepts in Health and Disease	Session A	Daria Piacentino	9/8/2020	10/23/2020	Asynchronous	1	\$250.00	Knight R et al. Follow Your Gut: How the Ecosystem in Your Gut Determines Your Health, Mood, and More (required)	\$16.99
IMMU 403	Basic Principles of Immunology and Hypersensitivity	Session A	Joselyn Allen	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00
IMMU 418	Cancer Immunology - NEW	Session B	Brittney Harrington	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	no textbook	
IMMU 419	Cancer Immunotherapy	Session B	Thiago Soares De Souza	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
MICR 317	Molecular Virology I	Session A	Helena Fabryova	9/8/2020	10/23/2020	Asynchronous	1	\$250.00	Flint J et al. Principles of Virology. 4th ed. (recommended)	\$180.00
MICR 318	Molecular Virology II	Session B	Helena Fabryova	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	Flint J et al. Principles of Virology. 4th ed. (recommended)	\$180.00
MICR 325	Molecular Microbiology I - NEW	Session A	Tiffany Zarella	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Parker N et al. Microbiology. 1st ed. (required)	\$71.00
MICR 326	Molecular Microbiology II - NEW	Session B	Tiffany Zarella	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Parker N et al. Microbiology. 1st ed. (required)	\$71.00
MICR 418	Emerging Infectious Diseases I	Session A	Tiffany Zarella	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Ryan ET et al. Hunter's Tropical medicine and emerging infectious diseases. 10th ed. (required)	\$199.99
MICR 440	Emerging Viruses I - NEW	Session A	Patrick Cummings	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
LANGUAGES AND GENERAL STUDIES										
ENGL 105	Fundamental English Conversation I, part 1	Session A	Jennifer Kagan	9/8/2020	10/23/2020	Asynchronous**	2	\$500.00	Saslow J and Ascher A. Top Notch 3. 3rd. ed. (required)	\$58.00
ENGL 106	Fundamental English Conversation I, part 2	Session B	Jennifer Kagan	10/26/2020	12/11/2020	Asynchronous**	2	\$500.00	Saslow J and Ascher A. Top Notch 3. 3rd. ed. (required)	\$58.00
ENGL 205	Intermediate English Conversation I, part 1	Session A	Jennifer Kagan	9/8/2020	10/23/2020	Asynchronous**	2	\$500.00	Saslow J and Ascher A. Summit 1. 3rd. ed. (required)	\$58.00
ENGL 206	Intermediate English Conversation I, part 2	Session B	Jennifer Kagan	10/26/2020	12/11/2020	Asynchronous**	2	\$500.00	Saslow J and Ascher A. Summit 1. 3rd. ed. (required)	\$58.00
ENGL 365	Better English Communication: Writing and Speaking for Your Audience I - NEW	Session A	Jennifer Kagan	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
ENGL 366	Better English Communication: Writing and Speaking for Your Audience II - NEW	Session B	Jennifer Kagan	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
GENL 319	MCAT Review and Test Preparation: Chemistry and Physics	Session A	Kathryn Luderger	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	The Princeton Review MCAT Subject Review Complete Box Set. 3rd ed. (recommended)	\$225.00
GENL 320	MCAT Review and Test Preparation: Biological and Social Sciences	Session B	Kathryn Luderger	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	The Princeton Review MCAT Subject Review Complete Box Set. 3rd ed. (recommended)	\$225.00
GENL 322	GRE Review	Session B	Tristan Sissung	10/26/2020	12/11/2020	Asynchronous	1	\$250.00	ETS. Official GRE Super Power Pack. 2nd ed. (required)	\$72.00
GENL 401	Leading with Emotional Intelligence - NEW	Session B	Sylvia Hayes	10/26/2020	12/11/2020	Asynchronous	3	\$750.00	no textbook	
GENL 521	Morality and Ethics in a Pandemic World I - NEW	Session B	Jason Drucker	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
PUBLIC HEALTH										
PBHL 317	Introduction to Epidemiology I	Session A	Doratha Byrd	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Gordis L. Epidemiology. 5th ed. (recommended)	\$49.99
PBHL 318	Introduction to Epidemiology II	Session B	Doratha Byrd	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Gordis L. Epidemiology. 5th ed. (recommended)	\$49.99
PBHL 402	Social Determinants of Health	Session A	Nancy Mimm	9/8/2020	10/23/2020	Asynchronous	3	\$750.00	no textbook	
PBHL 517	Health Policy and Administration I	Session A	Brandon Wood	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
PBHL 518	Health Policy and Administration II	Session B	Brandon Wood	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
PBHL 540	Qualitative Data in Policy and Program Evaluation - NEW	Session A	Amanda Greene	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	Miles MB et al. Qualitative Data Analysis. 4th ed. (required)	\$85.00
PBHL 544	Logic Models for Planning, Performance Measurement, and Evaluation - NEW	Session B	Amanda Greene	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	Knowlton LW and Phillips CC. The Logic Model Guidebook: Better Strategies for Great Results. 2nd ed. (required)	\$60.00
TECHNOLOGY TRANSFER, BUSINESS, AND INDUSTRY										
TECH 490	Communication in Biomedical Sciences-NEW	Session B	Sylvia Hayes	10/26/2020	12/11/2020	Asynchronous	3	\$750.00	Montgomery SL. The Chicago Guide to Communicating Science. 2nd ed. (required)	\$34.00
TECH 491	Market Assessment for Innovative Technologies in Biomedical Sciences-NEW	Session A	Eric Langer	9/8/2020	10/23/2020	Asynchronous	2	\$500.00	no textbook	
TECH 513	Introduction to Technology Transfer - Issues and Processes	Session B	Tom Sova	10/26/2020	12/11/2020	Asynchronous	2	\$500.00	no textbook	
TECH 565	Biomedical Business Development for Scientists**	Full Semester	Michael Saigaller	9/8/2020	12/11/2020	Asynchronous**	2	\$500.00	no textbook	
TECH 607	Capstone Course in Technology Transfer**	Full Semester	Steve Ferguson	9/8/2020	12/11/2020	Asynchronous**	3	\$750.00	no textbook	

*Contact FAES at (301)496-7976 or registrar@faes.org to register for this course.

**Contact faculty for specific schedule.