

FAES GRADUATE SCHOOL COURSE SCHEDULE FOR FALL 2017

Code	Course Name	Day	Class Start	Class End	Start	End	Room Number	Building	Tuition	Books (Required or Recommended)	Book Fee
BIOCHEMISTRY, CHEMISTRY, PHARMACOLOGY, AND TOXICOLOGY											
BIOC 301	Biochemistry I	M	9/11/2017	12/18/2017	5:30 PM	8:30 PM	1201/1203	BLDG40	\$480.00	Nelson DL, Cox MM. Lehninger Principles of Biochemistry. 7th ed. (required)	\$274.75
BIOC 330	Principles of Protein Structure (7 weeks) - NEW	T	9/12/2017	10/24/2017	6:00 PM	8:00 PM	3-2550	BLDG10	\$160.00	Nelson DL, Cox MM. Lehninger Principles of Biochemistry. 7th ed. (recommended)	\$274.75
CHEM 101	General Chemistry I	W	9/13/2017	12/20/2017	6:00 PM	9:00 PM	FAES Acad. Ctr. - B1C206	BLDG10	\$480.00	Jespersen ND. Chemistry: The Molecular Nature of Matter 7th ed. (required)	\$287.95
CHEM 211	Organic Chemistry I	Th	9/14/2017	12/21/2017	5:30 PM	8:30 PM	3-2550	BLDG10	\$480.00	Klein D. Organic Chemistry. 2nd ed. (required)	\$312.00
PHAR 328	FDA Perspective on Drug Development	Th	9/14/2017	12/14/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C211	BLDG10	\$320.00	no textbook	
PHAR 401	Medical Pharmacology	W	9/13/2017	12/13/2017	5:00 PM	8:00 PM	FAES Acad. Ctr. - B1C208	BLDG10	\$480.00	Golan et al. Principles of Pharmacology: The Pathophysiologic Basis of Drug Therapy. 4th ed. (recommended)	\$92.99
PHYS 370	Single Molecule Biophysics: What Is It, and How Does It Work? - NEW	T	9/12/2017	12/12/2017	5:30 PM	7:30 PM	Room 3328	BLDG50	\$320.00	no textbook	
TOXI 303	Introduction to Toxicology	T	9/12/2017	12/12/2017	5:30 PM	7:30 PM	2-3330	BLDG10	\$50.00	no textbook	
BIOINFORMATICS AND DATA SCIENCE											
BIOF 309	Introduction to Python	M	9/11/2017	12/18/2017	5:30 PM	7:30 PM	B1A199C - Rathskeller	BLDG60	\$320.00	VanderPlas J. Python Data Science Handbook: Essential Tools for Working with Data. 1st ed. (recommended)	\$59.99
BIOF 309-2	Introduction to Python	M	9/11/2017	12/18/2017	7:30 PM	9:30 PM	B1A199C - Rathskeller	BLDG60	\$320.00	VanderPlas J. Python Data Science Handbook: Essential Tools for Working with Data. 1st ed. (recommended)	\$59.99
BIOF 312	Introduction to Perl - ONLINE	ONLINE	-	ONLINE	-	ONLINE	-	ONLINE	\$320.00	Jamison DC. Perl Programming for Biologists. 1st ed. (recommended) Tisdall J. Beginning Perl for Bioinformatics (recommended)	\$102.95 \$39.95
BIOF 339	Practical R	T	9/12/2017	12/12/2017	5:00 PM	7:00 PM	FAES Acad. Ctr. - B1C206	BLDG10	\$320.00	no textbook	
BIOF 339-2	Practical R	T	9/12/2017	12/12/2017	7:00 PM	9:00 PM	FAES Acad. Ctr. - B1C206	BLDG10	\$320.00	no textbook	
BIOF 501	Introduction to R: Step-by-Step Guide (7 weeks) - NEW	Th	9/14/2017	10/26/2017	5:30 PM	7:30 PM	B1A199C - Rathskeller	BLDG60	\$160.00	Cotton R. Learning R: A Step-by-Step Function Guide to Data Analysis. 1st ed. (recommended)	\$34.99
BIOF 501-2	Introduction to R: Step-by-Step Guide (7 weeks) - NEW	Th	11/2/2017	12/21/2017	5:30 PM	7:30 PM	B1A199C - Rathskeller	BLDG60	\$160.00	Cotton R. Learning R: A Step-by-Step Function Guide to Data Analysis. 1st ed. (recommended)	\$34.99
BIOF 509	Machine Learning and Object-Oriented Programming with	Th	9/14/2017	12/21/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C209	BLDG10	\$320.00	no textbook	
BIOF 518	Theoretical and Applied Bioinformatics	M	9/11/2017	12/11/2017	5:30 PM	8:30 PM	2-3330	BLDG10	\$480.00	no textbook	
MATH 127	Elementary Calculus I	T	9/19/2017	12/19/2017	6:00 PM	9:00 PM	5-2550	BLDG10	\$480.00	no textbook	
MATH 215	Introduction to Linear Algebra With Applications in Statistics - NEW	M	9/18/2017	12/18/2017	6:00 PM	9:00 PM	FAES Acad. Ctr. - B1C207	BLDG10	\$480.00	no textbook	
STAT 200	Experimental Statistics I	M	9/11/2017	12/18/2017	5:30 PM	8:30 PM	Room 134	BLDG60	\$480.00	no textbook	
STAT 317	Introduction to Epidemiology - ONLINE	ONLINE	-	ONLINE	-	ONLINE	-	ONLINE	\$480.00	Rothman KJ. Epidemiology: An Introduction. 2nd ed. (required)	\$44.95
STAT 321	Methodology in Clinical Trials	W	9/13/2017	12/13/2017	5:30 PM	8:30 PM	2-3330	BLDG10	\$480.00	Friedman LM. Fundamentals of Clinical Trials. 5th ed. (required)	\$79.99
STAT 500	Statistics for Biomedical Scientists I	T	9/12/2017	12/12/2017	5:00 PM	8:00 PM	1A51/1A59	BLDG49	\$480.00	Rosner & Bernard. Fundamentals of Biostatistics. 8th ed. (required)	\$199.95
STAT 500 II-O	Statistics for Biomedical Scientists II - ONLINE	ONLINE	-	ONLINE	-	ONLINE	-	ONLINE	\$480.00	no textbook	
BIOLOGY AND GENETICS											
BIOL 101	Introduction to Biology	T	9/12/2017	12/12/2017	5:00 PM	7:00 PM	FAES Acad. Ctr. - B1C211	BLDG10	\$320.00	Campbell. Introductory Biology. 10th ed. (required)	\$259.60
BIOL 222	The Human Genome - ONLINE HYBRID	ONLINE	-	ONLINE	-	ONLINE	-	ONLINE	\$320.00	no textbook	
BIOL 225	Protein Quality Control in Health and Disease (8 weeks) - NEW	CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017									
BIOL 262	Research Tools for Studying Diseases	M	9/11/2017	12/4/2017	5:15 PM	7:15 PM	FAES Acad. Ctr. - B1C205	BLDG10	\$25.00	Wilson et al. Principles and Techniques of Biochem. and Mol. Biol. 7th ed.	\$79.99
BIOL 313	Molecular Biology and Recombinant DNA Technology	T	9/12/2017	12/12/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C205	BLDG10	\$320.00	Watson et al. Molecular Biology of the Gene. 7th ed. (required)	\$230.80
BIOL 325	Human Neuroscience - ONLINE HYBRID	RESCHEDULED FOR SPRING 2018 - RESCHEDULED FOR SPRING 2018 - RESCHEDULED FOR SPRING 2018 - RESCHEDULED FOR SPRING 2018 - RESCHEDULED FOR SPRING 2018									
BIOL 355	Principles of Biology of Bone and Other Connective Tissues	CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017									
BIOL 425	RNA Interference and Applications (7 weeks)	M	9/11/2017	10/30/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C209	BLDG10	\$160.00	no textbook	
BIOL 435	Current Trends in the Neurobiology of Mental Illness	T	9/12/2017	12/19/2017	5:30 PM	7:30 PM	Lipsett Auditorium	BLDG10	\$320.00	Charney et al. Neurobiology of Mental Illness. 4th ed. (recommended)	\$135.00
GENE 220	Evolutionary Genetics and Genomics: From Charles Darwin to Integrated-Omics (7 weeks) - NEW	Th	10/26/2017	12/14/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C206	BLDG10	\$160.00	no textbook	
GENE 500 I	Introduction to Medical Genetics I	T	9/12/2017	12/12/2017	5:30 PM	7:30 PM	Room 5328	BLDG50	\$320.00	Nussbaum, McInnes & Willard. Thompson & Thompson Genetics in Medicine. 8th ed. (required)	\$59.95
GENE 505	Embryology, Developmental Biology and Human Malformations	W	9/20/2017	12/13/2017	5:30 PM	6:30 PM	Various Locations (contact faculty)	(contact	\$160.00	Carlson B. Human Embryology and Developmental Biology. 5th ed. (required) Epstein et al. Inborn Errors of Development. 3rd ed. (recommended)	\$78.95 \$395.00
GENE 510	Genetic Counseling: Professional Topics Seminar	F	9/1/2017	12/15/2017	1:30 PM	3:30 PM	B1E12/14	BLDG31	\$600.00	no textbook	
IMMUNOLOGY AND MICROBIOLOGY											
IMMU 325	The Human Microbiome: New Concepts in Health and Disease (7 weeks)	CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017 - CANCELLED FOR FALL 2017									
IMMU 403	Basic Principles of Immunology and Hypersensitivity	W	9/13/2017	12/13/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C205- B1C207	BLDG10	\$320.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00
IMMU 419	Cancer Immunotherapy	T	9/12/2017	12/12/2017	5:00 PM	7:00 PM	4-3330	BLDG10	\$320.00	no textbook	
IMMU 521	Molecular and Cellular Mechanisms of Immunity I	Th	9/14/2017	12/21/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C205- B1C207	BLDG10	\$320.00	Murphy K. Janeway's Immunobiology. 9th ed. (required)	\$200.00
MICR 317	Molecular Virology	M	9/11/2017	12/18/2017	6:00 PM	8:00 PM	4-3330	BLDG10	\$320.00	Flint et al. Principles of Virology I and II. 4th ed. (recommended)	\$200.00
LANGUAGES AND GENERAL STUDIES											
GENL 098	Argentine Tango 101: Learn About It and Dance! (7 weeks)	M	9/18/2017	11/6/2017	5:45 PM	7:30 PM	FAES Education and Conference Suite - 2C116, BLDG10	-	\$160.00	no textbook	
GENL 275	Introductory American Sign Language	Th	9/14/2017	12/14/2017	5:30 PM	8:30 PM	FAES Acad. Ctr. - B1C204	BLDG10	\$480.00	Smith C. Signing Naturally: Student Workbook. (required)	\$113.50

FAES GRADUATE SCHOOL COURSE SCHEDULE FOR FALL 2017

Code	Course Name	Day	Class Start	Class End	Start	End	Room Number	Building	Tuition	Books (Required or Recommended)	Book Fee	
LANGUAGES AND GENERAL STUDIES												
GENL 319	Concepts in Science for MCAT Preparation	W	9/6/2017	12/20/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C209- B1C211	BLDG10	\$320.00	Princeton Review. MCAT Subject Review. 2nd ed. (recommended)	\$215.00	
GENL 319-PSY	Concepts in Psychology for MCAT Preparation (7 weeks)	Th	10/19/2017	12/7/2017	5:30 PM	7:30 PM	1A51/1A59	BLDG49	\$160.00	Princeton Review. MCAT Psychology and Sociology Review. 2nd ed. (recommended)	\$45.00	
GENL 322	GRE Review (7 weeks) - ONLINE	T	9/12/2017	10/31/2017	ONLINE	-	ONLINE	-	ONLINE	-	ETS. Official GRE Super Power Pack. 2nd ed. (required)	\$72.00
GENL 322-2	GRE Review (7 weeks) - ONLINE	T	10/24/2017	12/12/2017	ONLINE	-	ONLINE	-	ONLINE	-	ETS. Official GRE Super Power Pack. 2nd ed. (required)	\$72.00
ENGL 105	Fundamental English Conversation I	M	9/11/2017	12/11/2017	4:15 PM	6:45 PM	5-1608	BLDG10	\$50.00	Saslow & Ascher. Top Notch 3. 3rd. ed. (required)	\$54.75	
ENGL 105-W	Fundamental English Conversation I	W	9/13/2017	12/13/2017	6:45 PM	9:15 PM	5-1608	BLDG10	\$50.00	Saslow & Ascher. Top Notch 3. 3rd. ed. (required)	\$54.75	
ENGL 205	Intermediate English Conversation I	T	9/12/2017	12/12/2017	4:15 PM	6:45 PM	4-2610	BLDG10	\$480.00	Saslow & Ascher. Summit 1. 3rd ed. (required)	\$54.75	
ENGL 302	Advanced English Conversation I	M	9/11/2017	12/11/2017	6:45 PM	9:15 PM	5-1608	BLDG10	\$480.00	Saslow & Ascher. Summit 2. 3rd ed. (required)	\$54.75	
ENGL 302-W	Advanced English Conversation I	W	9/13/2017	12/13/2017	4:15 PM	6:45 PM	5-1608	BLDG10	\$480.00	Saslow & Ascher. Summit 2. 3rd ed. (required)	\$54.75	
ENGL 305	Advanced English Written Grammar I	T	9/12/2017	12/12/2017	6:45 PM	9:15 PM	4-2610	BLDG10	\$480.00	Maurer J. Focus on Grammar 5. 4th. ed. (required)	\$57.50	
ENGL 308	Practice Your American English Pronunciation			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
ENGL 355	English Listening and Conversation: Insights into US Culture, Science and Society - NEW	M&W	9/11/2017	11/20/2017	4:30 PM	6:00 PM	FAES Acad. Ctr. - B1C204	BLDG10	\$480.00	no textbook		
FRCH 101	French for Beginners I			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
ITAL 101	Italian for Beginners I (10 weeks)			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
SPAN 101	Spanish for Beginners I	M	9/11/2017	12/18/2017	5:00 PM	8:00 PM	FAES Acad. Ctr. - B1C208	BLDG10	\$480.00	Contact Instructor at dr.segu@yahoo.com for book information		
SPAN 208	Spanish for Health Care Providers	T	9/12/2017	12/12/2017	5:00 PM	8:00 PM	FAES Acad. Ctr. - B1C208	BLDG10	\$480.00	Rios J. McGraw-Hill's Complete Medical Spanish. 3rd ed. (required)	\$20.00	
MEDICINE AND PHYSIOLOGY												
MEDI 211	Principles of Endocrinology (10 weeks)	T	9/12/2017	11/14/2017	6:00 PM	8:30 PM	FAES Acad. Ctr. - B1C204	BLDG10	\$320.00	Holt R. Essential Endocrinology and Diabetes. 6th ed. (required)	\$68.95	
MEDI 217	Human Physiology I	Th	9/14/2017	12/14/2017	5:00 PM	7:00 PM	2-3330	BLDG10	\$320.00	Boron B. & Boupaep E. Medical Physiology: An Integrated Approach. 3rd ed. (required)	\$119.99	
MEDI 275	Fundamental Principles of Histology (10 weeks)	M	9/25/2017	11/27/2017	5:00 PM	7:00 PM	FAES Acad. Ctr. - B1C206	BLDG10	\$320.00	Ovalle & Nahirney. Netter's Essential Histology. 2nd ed. (required)	\$82.95	
MEDI 303	Introduction to Acupuncture and Traditional Chinese Medicine (7 weeks)			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
MEDI 309	Introduction to Molecular Medicine	M	9/11/2017	12/18/2017	5:30 PM	7:30 PM	FAES Acad. Ctr. - B1C211	BLDG10	\$50.00	Trent RJ. Molecular Medicine: Genomics to Personalized Healthcare. 4th ed. Lieberman MA. Mark's Essentials of Medical Biochemistry: A Clinical Approach 2nd ed. (both books recommended)	\$99.95 \$78.99	
MEDI 339	Introduction to Cancer Biology			RESCHEDULED FOR SPRING 2018	-	RESCHEDULED FOR SPRING 2018	-	RESCHEDULED FOR SPRING 2018	-	RESCHEDULED FOR SPRING 2018	-	RESCHEDULED FOR SPRING 2018
PUBLIC HEALTH												
PBHL 425	Public Policy in Science and Medicine - NEW	W	9/13/2017	12/13/2017	6:00 PM	8:00 PM	4-3330	BLDG10	\$320.00	Bardach E. Practical Guide for Policy Analysis: The Eightfold Path to More Effective Problem Solving. 5th ed. (required)	\$41.00	
PBHL 500	Introduction to Global Health	Th	9/14/2017	12/21/2017	6:00 PM	8:00 PM	FAES Acad. Ctr. - B1C208	BLDG10	\$320.00	Skolnik R. Global Health 101. 3rd ed. (required)	\$88.95	
PBHL 502	Systems Thinking and Policy Modeling I	M	8/28/2017	12/11/2017	6:10 PM	8:40 PM	Rome Hall, Room 201	GW	\$320.00	Meadows D. Thinking in Systems: A Primer. (required) Gilbert N. Agent-Based Models. (required) Knoke & Yang. Social Network Analysis (required)	\$19.95 \$22.00 \$22.00	
PBHL 517	Health Policy and Management	Th	9/14/2017	12/14/2017	6:00 PM	9:00 PM	4-3330	BLDG10	\$480.00	Kovner AR & Knickman JR. Jonas and Kovner's Health Care Delivery in the United States. 11th ed. (required)	\$95.00	
PBHL 580	Health Economics and Econometrics Applied to the Evaluation of Research	W	9/13/2017	12/13/2017	5:30 PM	8:30 PM	3-2550	BLDG10	\$480.00	Santerre & Neun. Health Economics: Theory, Insights and Industry Studies. 6th ed. (required) Rossi et al. Evaluation: A Systematic Approach. 7th ed. (recommended)	\$324.95 \$114.00	
PBHL 607	Capstone Project in Public Health		Contact Instructor	-	Contact Instructor	-	Contact Instructor	-	\$480.00	no textbook		
TECHNOLOGY TRANSFER, BUSINESS, AND INDUSTRY												
TECH 495	The FDA: Science, Health Policy, and Regulation in an Uncertain Environment - NEW	T	9/12/2017	12/12/2017	5:15 PM	7:15 PM	FAES Acad Ctr - B1C207	BLDG10	\$320.00	Hilts PJ. Protecting America's Health: the FDA, Business, and One Hundred Years of Regulation. 1st ed. (required)	\$35.00	
TECH 513A	Introduction to Technology Transfer	T	9/12/2017	12/12/2017	6:00 PM	9:00 PM	FAES Acad Ctr - B1C209	BLDG10	\$320.00	no textbook		
TECH 521	Tools for Technology Transfer (Columbus Day MU: Oct 10)			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
TECH 525	Legal and Ethical Issues in Public Health and Biomedical	M	9/11/2017	12/11/2017	6:00 PM	8:00 PM	CONF-B Office of Tech Transfer 6011 Executive Blvd, Rockville		\$50.00	Andrews et al. Genetics: Ethics, Law and Policy. 4th ed. (required) Furrow et al. Bioethics: Health Care Law and Ethics. 7th ed. (recommended)	\$116.00 \$152.00	
TECH 565	Biomedical Business Development for Scientists	Th	9/21/2017	12/21/2017	5:30 PM	7:30 PM	CONF-B Office of Tech Transfer 6011 Executive Blvd, Rockville, MD		\$320.00	Salgaller. Biotechnology Entrepreneurship: From Science to Solutions. 1st ed. (rec.) Kolchinsky P. The Entrepreneur's Guide to a Biotech Start-up. 4 th. ed. (rec.)	\$94.00 free ebook	
TECH 567	International Strategic Partnering and Business Development	T	9/12/2017	12/12/2017	5:30 PM	7:30 PM	CONF-B Office of Tech Transfer 6011 Executive Blvd, Rockville		\$320.00	no textbook		
TECH 575	Business Finance and Accounting Principles for Scientists	Th	9/14/2017	12/14/2017	6:00 PM	8:00 PM	CONF-A Office of Tech Transfer 6011 Executive Blvd. Rockville		\$50.00	Label WA. Accounting for Non-Accountants: The Fast and Easy Way to Learn the Basics. 3rd ed. (required) Damodaran A. The Little Book of Valuation: How to Value a Company, Pick a Stock and Profit. 1st ed. (recommended)	\$16.99 \$24.95	
TECH 586	International Health Science, Technology and Innovation			CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017	-	CANCELLED FOR FALL 2017
TECH 588	FDA Regulatory Strategy in Medical Product Development	W	9/13/2017	12/13/2017	5:30 PM	7:30 PM	CONF-B Office of Tech Transfer 6011 Executive Blvd, Rockville		\$320.00	no textbook		
TECH 607	Capstone Course in Technology Transfer	T	9/12/2017	12/12/2017	5:30 PM	8:30 PM	CONF-A Office of Tech Transfer 6011 Executive Blvd, Rockville		\$480.00	no textbook		

Early or Late Start Date