

BioMed Course Summary 2018-19

| SEM | BANNER NUMBER | COURSE TITLE | PRIMARY INSTRUCTOR | *FYS/SOPH SEM/LAB/ WRIT/CONF/DIV |
|------------|----------------------|------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------|
| 1 | 0030 | Principles of Nutrition | Flynn, Mary | |
| 1 | 0100 | Living Biology at Brown & Beyond | Smith, Katherine | FYS/DIV/WRIT |
| 1 | 0150A | Techniques and Analyses Using DNA-Based Biotechnology | Hall, Jody | FYS/LAB |
| 1 | 0170 | Biotechnology in Medicine | Achilli, Toni Marie | |
| 1 | 0180 | Biology of AIDS | Shank, Peter | |
| 1 | 0190E | Botanical Roots of Mordern Medicine | Jackson, Fred | LAB |
| 1 | 0190F | Foundations: Darwinian Medicine | Tatar, Marc | FYS/DIV |
| 1 | 0190P | Pride & Prejudice in the Development of Scientific Theories | Helfand, Stephen | FYS |
| 1 | 0190R | Foundations: Phage Hunters, Part I | Zhou, Yang | FYS/LAB |
| 1 | 0190U | The Lives of Plants | Heywood, Peter | FYS/WRIT |
| 1 | 0210 | Diversity of Life | Kellner, James | DIV |
| 1 | 0380 | The Ecology and Evolution of Infectious Disease | Weinreich, Daniel | |
| 1 | 0400 | Biological Design | Swartz, Sharon | WRIT |
| 1 | 0410 | Invertebrate Zoology | Ewanchuk, Patrick | LAB/DIV |
| 1 | 0455 | Coastal Ecology and Conservation | Bertness, Mark | |
| 1 | 0470 | Genetics | Johnson, Mark | LAB |
| 1 | 0480 | Evolutionary Biology | Rand, David | CONF/DIV |
| 1 | 0530 | Principles of Immunology | Bungiro, Richard | |
| 1 | 0800 | Principles of Physiology | Stein, John | LAB |
| 1 | 0940A | Viral Epidemics | Atwood, Walter | SOPH SEM/WRIT |
| 1 | 0940B | Life in a Shell | Jackson, Donald | SOPH SEM |
| 1 | 0940D | Rhode Island Flora: Understanding and Documenting Local Plant Diversity | Whitfeld, Timothy | SOPH SEM/LAB |
| 1 | 0940E | Precision Medicine or Privileged Medicine? Addressing Disparities in Biomedical Research | Campbell, Robert | SOPH/DIV |
| 1 | 0960 | Independent Study in Science Writing | Faculty Advisors | |

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| 1 | 1050, 2050 | Biology of the Eukaryotic Cell (Grad students register for 2050) | Miller, Kenneth/Gerbi, Susan | CONF |
| 1 | 1070 | Biotechnology and Global Health | Schell, Jacquelyn | |
| 1 | 1110 | Signal Transduction | Oancea, Elena | |
| 1 | 1140 | Tissue Engineering | Hoffman-Kim, Diane | DIV |
| 1 | 1160 | Principles of Exercise Physiology | Hai, Chi-Ming | DIV |
| 1 | 1260, 2260 | Physiological Pharmacology (Grad students register for 2260) | Marshall, John | |
| 1 | 1270, 2270 | Advanced Biochemistry (Grad students register for 2270) | Deaconscu, Alexandra | |
| 1 | 1300, 2300 | Biomolecular Interactions (Grad students register for 2300) | Fawzi, Nicolas | LAB |
| 1 | 1470 | Conservation Biology | Sax, Dov | |
| 1 | 1480 | Terrestrial Biogeochemistry and the Functioning of Ecosystems | Porder, Stephen | |
| 1 | 1515, 2015 | Conservation in the Genomics Age | Kartzinel, Tyler | LAB |
| 1 | 1520 | Innate Immunity | Brossay, Laurent | |
| 1 | 1560, 2560 | Virology (Grad students register for 2560 Advanced Virology) | Jamieson, Amanda | |
| 1 | 1565 | Survey of Biomedical Informatics | TBD | |
| 1 | 1575, 2075 | Evaluation of Health Information Systems | Fraser, Hamish | |
| 1 | 1950 | Directed Research/Independent Study - See <i>Research</i> | Faculty Advisors | LAB |
| 1 | 1970A | Stem Cell Biology | Freiman, Richard | |
| 1 | 2015 | Conservation in the Genomics Age | Kartzinel, Tyler | LAB |
| 1 | 2020 | Biotechnology Science and Industry | Scott, Jeffrey | |
| 1 | 2030 | Foundations for Advanced Study in the Life Sciences | DeLong, Alison | CONF |
| 1 | 2089 | Biotechnology IP | Morgan, Jeffrey | |
| 1 | 2110 | Drug and Gene Delivery | Mathiowitz, Edith | |

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| 1 | 2150 | Scientific Communication | Mowry, Kimberly/Larschan, Erica/ Bender, Judith | CONF |
| 1 | 2170 | Molecular Pharmacology and Physiology | Horrigan, Diana | |
| 1 | 2180 | Experiential Learning Industry (ELI) | Morgan, Jeffrey | |
| 1 | 2190 | MPP Professional Development Seminar | Horrigan, Diana | |
| 1 | 2230 | Biomedical Engineering and Biotechnology Seminar | Darling, Eric | |
| 1 | 2245 | Blood Substitutes: Principles and Therapeutics Development | Kim, Hae Won | |
| 1 | 2340 | Neurogenetics and Disease | Reenan, Robert | |
| 1 | 2430 | Topics in EEB: | Rand, David | DIV |
| 1 | 2860 | Molecular Mechanisms of Human Disease | Bartnikas, Thomas | DIV |
| 2 | 0080 | Biotechnology Management | Bready, Barrett | |
| 2 | 0150D | Techniques in Regenerative Medicine: Cells, Scaffolds and Staining | Achilli, Toni-Marie | FYS/LAB |
| 2 | 0160 | Plants, Food, and People | Heywood, Peter | |
| 2 | 0190S | Foundations: Phage Hunters, Part II | Taylor, Sarah | FYS/LAB |
| 2 | 0200 | The Foundations of Living Systems | Miller, Kenneth | LAB/DIV |
| 2 | 0280 | Biochemistry | Lapierre, Louis | CONF |
| 2 | 0285 | Inquiry in Biochemistry: From Gene to Protein Function | Cohen, Kristina | |
| 2 | 0350 | The Fossil Record: Life on Earth | Leslie, Andrew | LAB |
| 2 | 0420 | Principles of Ecology | Witman, Jon | CONF |
| 2 | 0430 | Evolution of Plant Diversity | Jackson, Fred | LAB |
| 2 | 0495 | Statistical Analysis of Biological Data | TBD | CONF |
| 2 | 0500 | Cell and Molecular Biology | Heywood, Peter/Webb, Ashley | |
| 2 | 0510 | Introductory Microbiology | Belenky, Peter/Bungiro, Richard | LAB |
| 2 | 0800 | Principles of Physiology | Hai, Chi-Ming | LAB |

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| 2 | 0810 | Applied Cell and Molecular Biology | Dawson, Michelle | |
| 2 | 0860 | Diet and Chronic Disease | Flynn, Mary | |
| 2 | 0940E | Precision Medicine or Privileged Medicine? Addressing Disparities in Biomedical Research | Campbell, Robert | SOPH/DIV |
| 2 | 0960 | Independent Study in Science Writing | Faculty Advisors | |
| 2 | 1040, 2040 | Ultrastructure/Bioimaging | Williams, Geoffrey | LAB |
| 2 | 1100 | Cell Physiology and Biophysics | Zimmerman, Anita/ Horrigan, Diana | |
| 2 | 1120 | Biomaterials | Scott, Jeffrey | |
| 2 | 1250 | Host-microbiome Interactions in Health and Disease | Belenky, Peter | |
| 2 | 1330 | Biology of Reproduction | Wessel, Gary | DIV |
| 2 | 1440 | Marine Biology | Bertness, Mark | |
| 2 | 1540, 2540 | Molecular Genetics (Grad students register for 2540) | Bender, Judith/Larschan, Erica | |
| 2 | 1545, 2545 | Human Genetics and Genomics (Grad students register for 2545) | Morrow, Eric | |
| 2 | 1550 | Biology of Emerging Microbial Diseases | de Graffenried, Christopher/Bungiro, Richard | |
| 2 | 1555 | Methods in Biomedical Informatics | Sarker, Neil | |
| 2 | 1595, 2595 | Artificial Intelligence in Biomedicine | Eickhoff, Carsten | |
| 2 | 1600 | Development of Vaccines to Infectious Diseases | Bungiro, Richard | |
| 2 | 1800 | Animal Locomotion | Swartz, Sharon | |
| 2 | 1870 | Techniques & Clinical Application in Pathobiology | Jackson, Cynthia | |
| 2 | 1960 | Directed Research/Independent Study - See <i>Research</i> | Faculty Advisors | |

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| 2 | 2000C | Protein Biophysics and Structure: Molecular Basis of Disease | DeLong, Alison/Johnson, Mark | |
| 2 | 2010 | Quantitative Approaches to Biology | Neretti, Nicola | |
| 2 | 2018 | Management Strategies in Biotechnology | Jong, Yong | |
| 2 | 2145 | Molecular Targets of Drug Discovery | Horrigan, Diana | |
| 2 | 2156 | Special Topics in Biotechnology Writing | Mathiowitz, Edith | |
| 2 | 2167 | In Vitro Models for Disease | Schell, Jacquelyn/Morgan, Jeffrey | |
| 2 | 2180 | Experiential Learning Industry (ELI) | Morgan, Jeffrey | |
| 2 | 2240 | Biomedical Engineering and Biotechnology Seminar | Morgan, Jeffrey | |
| 2 | 2350 | The Biology of Aging | Helfand, Stephen | DIV |
| 2 | 2440 S01 | Topics in EEB: | Rand, David | DIV |
| 2 | 2528 | Innovation and Commercialization in Medical Devices, Diagnostics, and Wearables | Analoui, Mostafa | |
| 2 | 2640A | Topics in Microbiology and Immunology: Viral Immunology | Biron, Christine | |