

2019-2020 GSBS Course Fees

Subject	Catalog	Course Description	Course Fee
BMSC	5100	Application & Skills	25.00
BMSC	5101	Essential Biochemistry	0.00
BMSC	5102	Essential Cell Biology	0.00
BMSC	5103	Essential Human Genetics	0.00
BMSC	5121	Issues for Resp Clin Research	0.00
BMSC	5140	Seminar in Current Topics	0.00
BMSC	5150	Laboratory Rotations	15.00
BMSC	5160	Responsible Conduct of Rsrch.	15.00
BMSC	5165	Industry Practice	100.00
BMSC	5170	Techniques in Biomed Sciences	25.00
BMSC	5180	Intro to Entrepreneurship	0.00
BMSC	5201	Clinical Practice Preceptorshp	25.00
BMSC	5202	MCAT Prep	1699.00
BMSC	5203	DAT Prep	899.00
BMSC	5204	GRE Prep	749.00
BMSC	5205	Topics in Biomedical Sciences	15.00
BMSC	5231	Intro Health Disp/Iss in U.S.	0.00
BMSC	5301	Principles of Biochemistry	40.00
BMSC	5302	Molecular Cell Biology	25.00
BMSC	5303	Immunology and Microbiology	25.00
BMSC	5304	Physiology	25.00
BMSC	5305	Pharmacology	25.00
BMSC	5310	Scientific Communications	15.00
BMSC	5312	Intro to Clinical Rsrch & Stud	15.00
BMSC	5315	Prin Scientific Communication	0.00
BMSC	5350	Prin of Epid & Evid-based Med	15.00
BMSC	5390	Special Problems	25.00
BMSC	5391	Special Problems 2	0.00
BMSC	5395	Thesis	0.00
BMSC	5400	Biostatistics for Biomed Sci	15.00
BMSC	5697	Internship Practicum	0.00
BMSC	5998	Ind Research for MS Students	0.00
BMSC	6200	Exprmntl Design/Biostatistics	0.00
BMSC	6201	Fundamentals in Bio Sciences I	15.00
BMSC	6202	Fundamentals of Bio Sci. II	15.00
BMSC	6203	Fundamentals of Bio Sci. III	15.00
BMSC	6204	Fundamentals of Bio Sci. IV	15.00
BMSC	6390	Special Problems	0.00
BMSC	6391	Special Problems 2	0.00
BMSC	6395	Doctoral Dissertation	0.00
BMSC	6998	Individual Research	0.00

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IPEP	5099	IPEP Elective	0.00
MIMG	5095	Moot Court (Oral Qual Exams)	0.00
MIMG	5101	Forensic Hair Analysis	15.00
MIMG	5102	Blood Spatter Pattern Analysis	15.00
MIMG	5121	Seminar in Cell Motility	0.00
MIMG	5122	Current Topics in Immunology	0.00
MIMG	5140	Seminar in Current Topics	15.00
MIMG	5150	Introduction to Flow Cytometry	50.00
MIMG	5160	Current Topics in Cancer Biol	0.00
MIMG	5170	Journal Club in Genetics	0.00
MIMG	5180	Journal Club in Microbiology	0.00
MIMG	5201	Bioimaging	60.00
MIMG	5202	Intro to Confocal Microscopy	0.00
MIMG	5203	Overview of Forensic Sciences	15.00
MIMG	5204	App of Y-Chromosome Analysis	25.00
MIMG	5210	Signal Transduction	0.00
MIMG	5225	Introductory Biochemistry	15.00
MIMG	5300	Exp Testimony in Forensic Sci	15.00
MIMG	5304	Forensic Anthropology	0.00
MIMG	5305	Intro to Molec. Lab Methods	400.00
MIMG	5306	Basic Meth in Foren/Molec Gen	400.00
MIMG	5307	Adv. Meth in Foren/Molec Genet	400.00
MIMG	5390	Special Problems	25.00
MIMG	5391	Special Problems 2	25.00
MIMG	5400	Biological Evidence Evaluation	400.00
MIMG	5401	Pop Genetics & Forensic Stats	100.00
MIMG	5402	Methods in Forensic Mol Biol	400.00
MIMG	5500	Microbiome	0.00
MIMG	6101	Super Resolution Microscopy	0.00
MIMG	6141	Curr Topics in Cell Biology	15.00
MIMG	6200	Mitochondria and Complex Disea	15.00
MIMG	6201	Immune Resp Agnst Path Micr	15.00
MIMG	6202	Advanced Molecular Biology	15.00
MIMG	6203	Advanced Cell Biology	0.00
MIMG	6204	Advanced Immunology	0.00
MIMG	6205	Fundamentals of Virology	0.00
MIMG	6206	Fundamentals of Microbiology	0.00
MIMG	6207	Models Immunological Diseases	0.00
MIMG	6210	Fluorescence for BiomedSci	100.00
MIMG	6220	Cellular & Molec Fluorescence	25.00
MIMG	6230	Laser Capture Microdissection	100.00
MIMG	6250	Molec & Cell Biol of Cancer	15.00

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MIMG	6301	Molecular Genetics	20.00
MIMG	6302	Medical Genetics	15.00
MIMG	6303	Statistical Genetics	15.00
MIMG	6304	Introduction to OMICS	15.00
MIMG	6340	Molecular Evolution Genetics	15.00
MIMG	6355	Clinical Immunology	15.00
MIMG	6360	Advan Biophys and Biochem Meth	15.00
MIMG	6390	Special Problems	25.00
MIMG	6391	Special Problems 2	25.00
MIMG	6435	Recptr & Seco Messenger Signal	15.00
MIMG	6436	Kinases and Phosphatases	0.00
MMED	6305	Medical Genetics	0.00
OSMM	5140	Seminar in Current Topics	15.00
OSMM	5141	Clinical Research Colloquium	0.00
OSMM	5310	Intro to Osteopathic Research	15.00
OSMM	5390	Spec Prob in Clinical Research	25.00
OSMM	5391	Spec Prob in Clinical Educ	25.00
OSMM	6100	Current Topics in Musculoskele	15.00
PHAN	5140	Seminar in Current Topics	15.00
PHAN	5141	Current Topics in Ion Channels	15.00
PHAN	5300	Cardiovascular Physiology	15.00
PHAN	5302	Physio & Pathophysio Rnl & Res	15.00
PHAN	5304	Genetics of Cardiac & Vasc Dis	15.00
PHAN	5330	Human Reproductive System	25.00
PHAN	5332	Cardiopulmonary System	75.00
PHAN	5334	Human Digestive & Renal System	75.00
PHAN	5390	Special Problems	25.00
PHAN	5391	Special Problems 2	25.00
PHAN	5400	Histology	0.00
PHAN	5401	Gross Anatomy	0.00
PHAN	5630	Structural Neuroscience	100.00
PHAN	6000	Teaching Practicum	0.00
PHAN	6100	Lab Teaching Practicum	0.00
PHAN	6150	Anatomy Journal Club	0.00
PHAN	6200	Culture, Teaching & Learning	0.00
PHAN	6201	Diagnostic Testing & Imaging	0.00
PHAN	6202	Health Promotion	0.00
PHAN	6203	Heart Diseases	0.00
PHAN	6300	Applied Anatomy & Kinesiology	0.00
PHAN	6301	Integrated Control of Movement	0.00
PHAN	6302	Applied Exercise Physiology	0.00
PHAN	6303	Development and Geriatrics	0.00

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PHAN	6304	Pathophysiology I	0.00
PHAN	6305	Pathophysiology II	0.00
PHAN	6307	Movement and Motor Control	0.00
PHAN	6308	Applied Biomechanics	0.00
PHAN	6320	Advances in CV Physiology 1	15.00
PHAN	6340	Musculoskeletal Anatomy	25.00
PHAN	6350	Integ Phys of Skeletal Musc	15.00
PHAN	6360	CV Regulation During Exercise	15.00
PHAN	6370	Advanced Endocrine Physiology	15.00
PHAN	6380	Neurohumoral Cntl Autonom Func	15.00
PHAN	6385	Current Topics in Physiology	15.00
PHAN	6390	Special Problems 1	0.00
PHAN	6391	Special Problems 2	0.00
PHAN	6400	Physiology of Health & Disease	0.00
PHAN	6430	Clinical Human Anatomy	15.00
PHAN	6500	Integrative Physiology	50.00
PHAN	6501	Neuromuscular Physiology	15.00
PHAN	6502	Endocrine Physiology	15.00
PHAN	6503	Cardiopulmonary Physiology	15.00
PHAN	6504	GI-Renal Physiology	15.00
PHRM	5100	Intracell Calcium Signaling	15.00
PHRM	5120	Visual Sciences Seminar	15.00
PHRM	5140	Seminar in Current Topics	15.00
PHRM	5200	Introduction to Bioinformatics	150.00
PHRM	5220	Current Topics in Visual Scien	15.00
PHRM	5300	Neurobiology of Aging	15.00
PHRM	5350	Introduction to Toxicology	0.00
PHRM	5360	Experimental Toxicology	0.00
PHRM	5390	Special Problems	25.00
PHRM	5391	Special Problems 2	25.00
PHRM	5470	Neuropharmacology	15.00
PHRM	6100	Botanical Med & Biotechnology	15.00
PHRM	6140	Current Topics in Pharmacology	15.00
PHRM	6200	Mitochondria and Complex Disea	15.00
PHRM	6270	Drug Discovery and Design	15.00
PHRM	6280	Strat/Challenges in Drug Discv	0.00
PHRM	6320	Advances in Molec Pharm	0.00
PHRM	6330	Behavioral Pharmacology	0.00
PHRM	6340	Psychiatric Disorders	15.00
PHRM	6360	Nuc Rec Superfamily	15.00
PHRM	6361	Biomedical Mass Spectrometry	0.00
PHRM	6391	Special Problems in Ocular Res	25.00

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PHRM	6400	Functional Neuroscience	15.00
PHRM	6401	Visual Sciences I	0.00
PHRM	6402	Visual Sciences II	0.00
PHRM	6410	Basic & Clinical Pharmacology	20.00
PHRM	6440	Methods in Molecular Biology	400.00
PHRM	6480	Receptors and Drug Action	15.00
PSPT	6100	PSPT Journal Club	0.00
PSPT	6400	Drug Discovery & Development	15.00