

# GSBS

Subject	Course #	Course Title	Fee
**All course fees in this bulletin are subject to change.			
*New courses not officially approved at printing may not be listed.			
BMSC	5100	Application Workshops	\$25.00
BMSC	5110	Evaluation and Instruction in Teaching	\$15.00
BMSC	5120	Issues in Higher Professional Education	\$15.00
BMSC	5135	Introduction to Faculty Research Programs	\$15.00
BMSC	5140	Seminar in Current Topics	\$15.00
BMSC	5150	Laboratory Rotations	\$15.00
BMSC	5160	Biomedical Ethics	\$15.00
BMSC	5165	Introduction to Industry Practices	\$15.00
BMSC	5170	Techniques in Biomedical Sciences	\$25.00
BMSC	5200	Introduction to Concepts in Biomedical Science	\$15.00
BMSC	5201	Clinical Practice Preceptorship	\$15.00
BMSC	5202	Tools for Teaching Science	\$15.00
BMSC	5203	Regulation of Human Subject Research	\$15.00
BMSC	5205	Topics in Biomedical Sciences	\$15.00
BMSC	5220	Novel Macromolecules that Regulate the Cell Cycle	\$15.00
BMSC	5221	Ethical, Legal, and Social Issues for Responsible Clinical Research	\$15.00
BMSC	5230	Structure and Function of the Eukaryotic Chromosome	
BMSC	5230	Structure and Function of the Eukaryotic Chromosome	\$15.00
BMSC	5231	Introduction to Health Disparities Issues in the United States	\$15.00
BMSC	5240	Introduction to Laboratory Techniques for Biomedical Sciences	\$15.00
BMSC	5250	Laboratory Management	\$15.00
BMSC	5301	Integrative Biomedical Sciences 1: Principles of Biochemistry	\$25.00
BMSC	5302	Integrative Biomedical Sciences 2: Molecular Cell Biology	\$25.00
BMSC	5303	Integrative Biomedical Sciences 3: Immunology and Microbiology	\$25.00
BMSC	5304	Integrative Biomedical Sciences 4: Physiology	\$25.00
BMSC	5305	Integrative Biomedical Sciences 5: Pharmacology	\$25.00
BMSC	5310	Scientific Communications	\$15.00
BMSC	5312	Introduction to Clinical Research and Studies	\$15.00
BMSC	5350	Principles of Epidemiology and Evidence-Based Medicine	\$15.00
BMSC	5390	Special Problems	\$25.00
BMSC	5390.002	Special Problems: MCAT Prep	\$1,050.00
BMSC	5391	Special Problems 2	\$25.00
BMSC	5395	Thesis	\$0.00
BMSC	5400	Biostatistics for Biomedical Sciences	\$15.00
BMSC	5697	Internship Practicum	\$25.00
BMSC	5998	Individual Research for MS Students	\$0.00
BMSC	6301	Integrative Biomedical Sciences 1: Principles of Biochemistry	\$15.00
BMSC	6302	Integrative Biomedical Sciences 2: Molecular Cell Biology	\$15.00
BMSC	6303	Integrative Biomedical Sciences 3: Physiology	\$15.00

BMSC	6304	Integrative Biomedical Sciences 4: Pharmacology	\$15.00
BMSC	6305	Integrative Biomedical Sciences 5: Immunology and Microbiology	\$15.00
BMSC	6310	Grant Writing	\$15.00
BMSC	6390	Special Problems	\$25.00
BMSC	6391	Special Problems 2	\$25.00
BMSC	6395	Doctoral Dissertation	\$0.00
BMSC	6998	Individual Research	\$0.00
CBAN	5120	Visual Sciences Seminar	\$15.00
CBAN	5140	Seminar in Current Topics	\$15.00
CBAN	5220	Current Topics in Glaucoma	\$15.00
CBAN	5330	Structural and Developmental Anatomy of the Human Genitourinary S	\$25.00
CBAN	5331	Basic and Clinical Histology	
CBAN	5332	Structural and Developmental Anatomy of the Human Cardiorespirato	\$75.00
CBAN	5333	Embryology and Developmental Biology	
CBAN	5334	Structural and Developmental Anatomy of the Human Digestive Syste	\$75.00
CBAN	5390	Special Problems	\$25.00
CBAN	5391	Special Problems 2	\$25.00
CBAN	5400	Structural Anatomy I	\$75.00
CBAN	5401	Structural Anatomy II	\$75.00
CBAN	5630	Structural Neuroscience	\$100.00
CBAN	6141	Current Topics in Cell Biology and Genetics	\$15.00
CBAN	6170	Selected Topics in DNA Repair and Mutagenesis	\$15.00
CBAN	6220	Advances in Ocular Biology	\$15.00
CBAN	6320	Diseases of the Eye	\$15.00
CBAN	6330	Structural and Developmental Anatomy of the Musculoskeletal/Skin S	\$25.00
CBAN	6341	Functional Genomics and Proteomics	\$25.00
CBAN	6390	Special Problems in Cell Biology and Genetics	\$25.00
CBAN	6391	Special Problems in Ocular Research	\$25.00
CBAN	6430	Clinical Human Anatomy	\$15.00
CBAN	6440	Methods in Molecular Biology	\$400.00
FGEN	5100	Forensic Laboratory Quality Assurance	\$25.00
FGEN	5101	Forensic Hair Analysis	\$15.00
FGEN	5102	Blood Spatter Pattern Analysis	\$15.00
FGEN	5103	Current Topics in Forensic and Molecular Genetics	\$15.00
FGEN	5201	Forensic Biology: The History and Science of Human Identification	\$15.00
FGEN	5202	The Application of Y-Chromosome Analysis in Forensic and Genealog	\$25.00
FGEN	5300	Expert Testimony in Forensic Science	\$15.00
FGEN	5301	Population Genetics	\$15.00
FGEN	5302	Non-Human Forensic Genetics	\$15.00
FGEN	5304	Forensic Anthropology	\$15.00
FGEN	5390	Special Problems	\$25.00
FGEN	5391	Special Problems 2	\$25.00
FGEN	5400	Biological Evidence Evaluation	\$400.00
FGEN	5401	Genetic Data Analysis	\$100.00
FGEN	5402	Methods in Forensic Molecular Biology	\$400.00

FGEN	6200	Mitochondrial DNA Analysis	\$400.00
FGEN	6301	Human Genetics	\$15.00
FGEN	6340	Molecular Evolutionary Genetics	\$15.00
FMED	5100	Primary Care Research Seminar/Journal Club	\$0.00
FMED	5140	Family Medicine Colloquium	\$15.00
FMED	5300	Principles of Primary Care Research	\$0.00
FMED	5390	Special Problems in Family Medicine	\$25.00
MOLB	5120	Current Topics in Immunology	\$15.00
MOLB	5121	Seminar in Cell Motility	\$15.00
MOLB	5140	Seminar in Current Topics	\$15.00
MOLB	5160	Current Topics in Cancer Biology	\$15.00
MOLB	5201	Introductory Biochemistry	\$15.00
MOLB	5210	Signal Transduction	\$15.00
MOLB	5220	Enzyme Regulation & Mechanism	\$15.00
MOLB	5240	Advanced Lipoprotein Metabolism	\$15.00
MOLB	5390	Special Problems	\$25.00
MOLB	5391	Special Problems 2	\$25.00
MOLB	6200	Advanced Molecular Biology: Transcriptional and Translational Regul	\$15.00
MOLB	6201	Immune Responses Against Pathogenic Microorganisms	\$15.00
MOLB	6202	Advanced Molecular Biology: Techniques and Principle	\$15.00
MOLB	6220	Cellular and Molecular Fluorescence	\$25.00
MOLB	6230	Structure & Function of Proteins	\$15.00
MOLB	6240	Molecular Biology of Lipid Transport	\$15.00
MOLB	6250	Molecular and Cell Biology of Cancer	\$15.00
MOLB	6270	Drug Discovery and Design	\$15.00
MOLB	6350	Advanced Immunology	\$15.00
MOLB	6360	Advanced Biophysics	\$15.00
MOLB	6425	Advanced Biochemistry	\$15.00
MOLB	6435	Molecular Aspects of Cell Signaling	\$15.00
OSMM	5140	Seminar in Current Topics	\$15.00
OSMM	5141	Clinical Research Colloquium	\$15.00
OSMM	5310	Introduction to Osteopathic Research and Studies	\$15.00
OSMM	5390	Special Problems in Clinical Research	\$25.00
OSMM	5391	Special Problems in Clinical Education	\$25.00
OSMM	6100	Current Topics in Musculoskeletal Medicine	\$15.00
PHRM	5100	Intracellular Calcium Signaling	\$15.00
PHRM	5140	Seminar in Current Topics	\$15.00
PHRM	5300	Neurobiology of Aging	\$15.00
PHRM	5350	Introduction to Toxicology	\$15.00
PHRM	5360	Experimental Toxicology	\$15.00
PHRM	5390	Special Problems	\$25.00
PHRM	5391	Special Problems 2	\$25.00
PHRM	5470	Neuropharmacology	\$15.00
PHRM	6100	Botanical Medicines and Biotechnology	\$15.00
PHRM	6140	Current Topics in Pharmacology and Neuroscience	\$15.00

PHRM	6320	Advances in Molecular Pharmacology	\$15.00
PHRM	6330	Advances in Behavioral Pharmacology	\$15.00
PHRM	6340	Psychiatric Disorders: From Bench to Bedside (Including Substance U	\$15.00
PHRM	6350	Ocular Pharmacology	\$15.00
PHRM	6400	Functional Neuroscience	\$15.00
PHRM	6410	Basic and Clinical Pharmacology	\$20.00
PHRM	6480	Receptors and Drug Action	\$15.00
PSIO	5140	Seminar in Current Topics	\$15.00
PSIO	5300	Cardiovascular Physiology 1	\$15.00
PSIO	5301	Cardiovascular Physiology 2	\$15.00
PSIO	5302	Respiratory Physiology	\$15.00
PSIO	5303	Renal Physiology	\$15.00
PSIO	5304	Molecular Genetics of Cardiac & Vascular Disease	\$15.00
PSIO	5390	Special Problems	\$25.00
PSIO	5391	Special Problems 2	\$25.00
PSIO	6310	Functional Genomics and Proteomics	\$25.00
PSIO	6320	Advances in Cardiovascular Physiology 1	\$15.00
PSIO	6330	Advances in Cardiovascular Physiology 2	\$15.00
PSIO	6350	Physiology of Skeletal and Smooth Muscle	\$15.00
PSIO	6360	Cardiovascular Regulation During Exercise	\$15.00
PSIO	6370	Advanced Endocrine Physiology	\$15.00
PSIO	6380	Advanced Autonomic Physiology	\$15.00
PSIO	6385	Current Topics in Physiology	\$15.00
PSIO	6390	Myocardial Metabolism: Concepts and Controversies	\$15.00
PSYC	6380	Cardiovascular Behavioral Medicine	\$15.00
PSYC	6390	Special Problems	\$25.00
PSYC	6391	Special Problems 2	\$25.00
PSYC	6396	Health Psychology Preceptorship 1	\$15.00
PSYC	6397	Health Psychology Preceptorship 2	\$15.00
PSYC	6410	Basic and Clinical Pharmacology	\$20.00
PSYC	6498	Psychology Research Seminar and Practicum	\$25.00