

Career	Subject	Catalog	Course ID	Description	SR Component	Fee
GSBS	BMSC	5100	090534	Application & Skills	SEM	25.00
GSBS	BMSC	5101	140131	Sources of Genetic Diversity	CSP	-
GSBS	BMSC	5102	140132	Pedigrees to Populations	CSP	-
GSBS	BMSC	5103	140133	Clinical Considerations	CSP	-
GSBS	BMSC	5104	140135	Laboratory and Test Evaluation	CSP	-
GSBS	BMSC	5105	140136	Genetic Analysis	CSP	-
GSBS	BMSC	5106	140137	Test Interpretation and Report	CSP	-
GSBS	BMSC	5107	140138	Topics in Medical/Clinical Gen	CSP	-
GSBS	BMSC	5121	000558	Issues for Resp Clin Research	LEC	15.00
GSBS	BMSC	5140	000607	Seminar in Current Topics	SEM	-
GSBS	BMSC	5150	000575	Laboratory Rotations	LAB	15.00
GSBS	BMSC	5160	000621	Responsible Conduct of Rsrch.	LEC	15.00
GSBS	BMSC	5165	000619	Industry Practice	LEC	100.00
GSBS	BMSC	5170	000623	Techniques in Biomed Sciences	LAB	25.00
GSBS	BMSC	5180	139506	Intro to Entrepreneurship	LEC	-
GSBS	BMSC	5181	140151	Funding Innovation	LEC	-
GSBS	BMSC	5200	140412	Online MCAT Prep	LEC	-
GSBS	BMSC	5201	089710	Clinical Practice Preceptorshp	CLN	25.00
GSBS	BMSC	5202	132990	MCAT Prep	LEC	1,699.00
GSBS	BMSC	5203	132991	DAT Prep	LEC	899.00
GSBS	BMSC	5204	132992	GRE Prep	LEC	-
GSBS	BMSC	5205	000552	Topics in Biomedical Sciences	LEC	15.00
GSBS	BMSC	5210	140150	Clinical Data Management	LEC	-
GSBS	BMSC	5231	089285	Intro Health Disp/Iss in U.S.	LEC	-
GSBS	BMSC	5300	000354	Biostatistics	LEC	-
GSBS	BMSC	5301	000568	Principles of Biochemistry	LEC	40.00
GSBS	BMSC	5302	000572	Molecular Cell Biology	LEC	15.00
GSBS	BMSC	5303	000579	Immunology and Microbiology	LEC	25.00
GSBS	BMSC	5304	000578	Physiology	LEC	-
GSBS	BMSC	5305	090173	Pharmacology	LEC	25.00
GSBS	BMSC	5310	000497	Scientific Communications	LEC	15.00
GSBS	BMSC	5312	000557	Intro to Clinical Rsrch & Stud	LEC	15.00
GSBS	BMSC	5315	132557	Prin Scientific Communication	LEC	-
GSBS	BMSC	5320	140149	Regulatory Affairs	LEC	-

Career	Subject	Catalog	Course ID	Description	SR Component	Fee
GSBS	BMSC	5350	089794	Prin of Epid & Evid-based Med	LEC	15.00
GSBS	BMSC	5390	000593	Special Problems	IND	25.00
GSBS	BMSC	5391	000425	Special Problems 2	IND	-
GSBS	BMSC	5395	000429	Thesis	THE	-
GSBS	BMSC	5697	000610	Internship Practicum	PRA	-
GSBS	BMSC	5998	000600	Ind Research for MS Students	LAB	-
GSBS	BMSC	6200	132566	Exprmntl Design/Biostatistics	LEC	-
GSBS	BMSC	6201	132528	Fundamentals in Bio Sciences I	LEC	-
GSBS	BMSC	6202	132529	Fundamentals of Bio Sci. II	LEC	-
GSBS	BMSC	6203	132530	Fundamentals of Bio Sci. III	LEC	-
GSBS	BMSC	6204	132531	Fundamentals of Bio Sci. IV	LEC	-
GSBS	BMSC	6390	000693	Special Problems	IND	-
GSBS	BMSC	6391	000694	Special Problems 2	IND	-
GSBS	BMSC	6395	000697	Doctoral Dissertation	THE	-
GSBS	BMSC	6998	000696	Individual Research	LAB	-
GSBS	IPEP	5099	139181	IPEP Elective	LEC	-
GSBS	MIMG	5095	091075	Moot Court (Oral Qual Exams)	DIS	-
GSBS	MIMG	5101	000577	Forensic Hair Analysis	LLB	15.00
GSBS	MIMG	5102	000584	Blood Spatter Pattern Analysis	LLB	15.00
GSBS	MIMG	5121	000608	Seminar in Cell Motility	SEM	-
GSBS	MIMG	5122	000513	Journal Club in Immunology	LEC	-
GSBS	MIMG	5140	000611	Seminar in Current Topics	SEM	15.00
GSBS	MIMG	5150	091377	Introduction to Flow Cytometry	LEC	50.00
GSBS	MIMG	5160	000566	Current Topics in Cancer Biol	DIS	-
GSBS	MIMG	5170	139237	Journal Club in Genetics	RSC	-
GSBS	MIMG	5180	139238	Journal Club in Microbiology	RES	-
GSBS	MIMG	5201	091392	Bioimaging	LEC	60.00
GSBS	MIMG	5202	091393	Intro to Confocal Microscopy	LAB	60.00
GSBS	MIMG	5202	091393	Intro to Confocal Microscopy	LAB	60.00
GSBS	MIMG	5203	089423	Overview of Forensic Sciences	LEC	15.00
GSBS	MIMG	5204	089793	App of Y-Chromosome Analysis	LLB	25.00
GSBS	MIMG	5210	000555	Signal Transduction	LEC	-
GSBS	MIMG	5225	090533	Introductory Biochemistry	LEC	15.00
GSBS	MIMG	5300	000521	Exp Testimony in Forensic Sci	LEC	15.00

Career	Subject	Catalog	Course ID	Description	SR Component	Fee
GSBS	MIMG	5304	000614	Forensic Anthropology	LEC	15.00
GSBS	MIMG	5305	091152	Intro to Molec. Lab Methods	LAB	400.00
GSBS	MIMG	5306	091153	Basic Meth in Foren/Molec Gen	LAB	400.00
GSBS	MIMG	5307	091151	Adv. Meth in Foren/Molec Genet	LAB	400.00
GSBS	MIMG	5390	000594	Special Problems	IND	25.00
GSBS	MIMG	5391	000597	Special Problems 2	IND	25.00
GSBS	MIMG	5400	000507	Biological Evidence Evaluation	LEC	400.00
GSBS	MIMG	5402	000495	Methods in Forensic Mol Biol	LLB	400.00
GSBS	MIMG	5500	091862	Microbiome	LEC	-
GSBS	MIMG	6101	132539	Super Resolution Microscopy	LLB	-
GSBS	MIMG	6141	000674	Curr Topics in Cell Biology	LEC	15.00
GSBS	MIMG	6200	000656	Mitochondria and Complex Disea	LLB	15.00
GSBS	MIMG	6201	090296	Immune Resp Agnst Path Micr	LEC	15.00
GSBS	MIMG	6202	000666	Advanced Molecular Biology	LLB	15.00
GSBS	MIMG	6203	132545	Advanced Cell Biology	LEC	-
GSBS	MIMG	6204	132546	Advanced Immunology	LEC	-
GSBS	MIMG	6205	132547	Fundamentals of Virology	LEC	-
GSBS	MIMG	6206	132548	Fundamentals of Microbiology	LEC	-
GSBS	MIMG	6207	132549	Models Immunological Diseases	LLB	-
GSBS	MIMG	6210	124791	Fluorescence for BiomedSci	LLB	100.00
GSBS	MIMG	6220	090112	Cellular & Molec Fluorescence	LLB	25.00
GSBS	MIMG	6230	131858	Laser Capture Microdissection	LAB	100.00
GSBS	MIMG	6250	000645	Molec & Cell Biol of Cancer	LLB	15.00
GSBS	MIMG	6301	089458	Molecular Genetics	LEC	20.00
GSBS	MIMG	6302	091004	Medical Genetics	LEC	15.00
GSBS	MIMG	6303	091017	Statistical Genetics	LEC	15.00
GSBS	MIMG	6304	091735	Introduction to OMICS	LLB	15.00
GSBS	MIMG	6305	140116	Molecular Population Genetics	LEC	-
GSBS	MIMG	6340	090283	Molecular Evolution Genetics	LLB	15.00
GSBS	MIMG	6355	000493	Clinical Immunology	LEC	15.00
GSBS	MIMG	6360	089284	Advan Biophys and Biochem Meth	LEC	15.00
GSBS	MIMG	6390	091023	Special Problems	IND	25.00
GSBS	MIMG	6391	091024	Special Problems 2	IND	25.00
GSBS	MIMG	6435	000549	Recptr & Seco Messenger Signal	LEC	15.00

Career	Subject	Catalog	Course ID	Description	SR Component	Fee
GSBS	MIMG	6436	132876	Kinases and Phosphatases	LEC	-
GSBS	OSMM	5140	090037	Seminar in Current Topics	SEM	15.00
GSBS	OSMM	5141	000562	Clinical Research Colloquium	SEM	-
GSBS	OSMM	5310	000556	Intro to Osteopathic Research	LEC	15.00
GSBS	OSMM	5390	000590	Spec Prob in Clinical Research	IND	25.00
GSBS	OSMM	5391	000617	Spec Prob in Clinical Educ	IND	25.00
GSBS	OSMM	6100	090284	Current Topics in Musculoskele	LEC	15.00
GSBS	PHAN	5140	000609	Seminar in Current Topics	SEM	15.00
GSBS	PHAN	5300	000506	Cardiovascular Physiology	LEC	15.00
GSBS	PHAN	5301	140148	Structural Anatomy	LEC	-
GSBS	PHAN	5302	000522	Physio & Pathophysio Rnl & Res	LEC	15.00
GSBS	PHAN	5330	000488	Human Reproductive System	LLB	25.00
GSBS	PHAN	5332	000490	Cardiopulmonary System	LLB	75.00
GSBS	PHAN	5334	000491	Human Digestive & Renal System	LLB	75.00
GSBS	PHAN	5390	000596	Special Problems	IND	25.00
GSBS	PHAN	5391	000601	Special Problems 2	IND	25.00
GSBS	PHAN	5400	090548	Histology	LLB	-
GSBS	PHAN	5401	090549	Gross Anatomy	LLB	-
GSBS	PHAN	5630	000479	Structural Neuroscience	LLB	100.00
GSBS	PHAN	6000	091765	Teaching Practicum	PRA	-
GSBS	PHAN	6100	131653	Lab Teaching Practicum	PRA	-
GSBS	PHAN	6150	131654	Anatomy Journal Club	SEM	-
GSBS	PHAN	6185	000686	WIPs/SciComm	SEM	15.00
GSBS	PHAN	6200	139228	Culture, Teaching & Learning	LEC	-
GSBS	PHAN	6201	139229	Diagnostic Testing & Imaging	LLB	-
GSBS	PHAN	6202	139230	Health Promotion	LEC	-
GSBS	PHAN	6203	139514	Heart Diseases	LEC	-
GSBS	PHAN	6204	140117	Embryology	LEC	-
GSBS	PHAN	6300	000654	Myocardial Metabolism	LEC	15.00
GSBS	PHAN	6300	139231	Applied Anatomy & Kinesiology	LEC	-
GSBS	PHAN	6301	139232	Integrated Control of Movement	LEC	-
GSBS	PHAN	6302	139233	Applied Exercise Physiology	LEC	-
GSBS	PHAN	6303	139234	Development and Geriatrics	LEC	-
GSBS	PHAN	6304	139235	Pathophysiology I	LEC	-

Career	Subject	Catalog	Course ID	Description	SR Component	Fee
GSBS	PHAN	6305	139236	Pathophysiology II	LEC	-
GSBS	PHAN	6307	132460	Movement and Motor Control	LEC	-
GSBS	PHAN	6308	124559	Applied Biomechanics	LEC	-
GSBS	PHAN	6340	000615	Musculoskeletal Anatomy	LLB	25.00
GSBS	PHAN	6350	000644	Integ Phys of Skeletal Musc	LEC	15.00
GSBS	PHAN	6360	000647	CV Regulation During Exercise	LEC	15.00
GSBS	PHAN	6380	000653	Neurohumoral Cntl Autonom Func	LEC	15.00
GSBS	PHAN	6390	132563	Special Problems 1	IND	-
GSBS	PHAN	6391	132564	Special Problems 2	IND	-
GSBS	PHAN	6400	139515	Physiology of Health & Disease	LEC	-
GSBS	PHAN	6500	132552	Integrative Physiology	LEC	50.00
GSBS	PHAN	6501	132553	Neuromuscular Physiology	LEC	15.00
GSBS	PHAN	6502	132555	Endocrine Physiology	LEC	15.00
GSBS	PHAN	6503	132556	Cardiopulmonary Physiology	LEC	15.00
GSBS	PHAN	6504	132554	GI-Renal Physiology	LEC	15.00
GSBS	PHRM	5100	000510	Intracell Calcium Signaling	LLB	15.00
GSBS	PHRM	5120	000643	Visual Sciences Seminar	SEM	15.00
GSBS	PHRM	5140	000605	Seminar in Current Topics	SEM	15.00
GSBS	PHRM	5200	091376	Introduction to Bioinformatics	LEC	150.00
GSBS	PHRM	5220	089524	Current Topics in Visual Scien	LEC	15.00
GSBS	PHRM	5300	000508	Neurobiology of Aging	LLB	15.00
GSBS	PHRM	5350	000494	Introduction to Toxicology	LLB	-
GSBS	PHRM	5360	000498	Experimental Toxicology	LLB	-
GSBS	PHRM	5390	000595	Special Problems	IND	25.00
GSBS	PHRM	5391	000618	Special Problems 2	IND	25.00
GSBS	PHRM	5470	000500	Neuropharmacology	LEC	15.00
GSBS	PHRM	6100	090285	Botanical Med & Biotechnology	LEC	15.00
GSBS	PHRM	6140	000685	Current Topics in Pharmacology	SEM	15.00
GSBS	PHRM	6200	091394	Mitochondria and Complex Disea	LLB	15.00
GSBS	PHRM	6270	090282	Drug Discovery and Design	LEC	15.00
GSBS	PHRM	6280	132878	Strat/Challenges in Drug Discv	LEC	-
GSBS	PHRM	6320	000628	Advances in Molec Pharm	LEC	-
GSBS	PHRM	6330	000632	Behavioral Pharmacology	LEC	-
GSBS	PHRM	6340	000641	Psychiatric Disorders	LEC	15.00

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GSBS	PHRM	6360	091003	Nuc Rec Superfamily	LEC	15.00
GSBS	PHRM	6361	091016	Biomedical Mass Spectrometry	LEC	-
GSBS	PHRM	6391	000683	Special Problems in Ocular Res	IND	25.00
GSBS	PHRM	6400	000622	Functional Neuroscience	LEC	15.00
GSBS	PHRM	6401	132869	Visual Sciences I	LEC	-
GSBS	PHRM	6402	132875	Visual Sciences II	LEC	-
GSBS	PHRM	6410	000670	Basic & Clinical Pharmacology	LEC	20.00
GSBS	PHRM	6440	000635	Methods in Molecular Biology	LLB	400.00
GSBS	PHRM	6480	000650	Receptors and Drug Action	LEC	15.00
GSBS	PSPT	5150	140115	Current Topics in PSPT	SEM	-
GSBS	PSPT	6100	132550	PSPT Journal Club	SEM	-
GSBS	PSPT	6400	132551	Drug Discovery & Development	LEC	15.00