

SPRING 2010 GSBS COURSE LISTING

COURSE NUMBER	COURSE TITLE	SEM HRS.	INSTRUCTOR(S) <i>First & Last Names</i>	ROOM	Limited Enrollment?	DAY(S) OF THE WEEK	TIME	INCLUSIVE DATES	Instructor Approval Required?
INTD 5007	Advanced Cell and Molecular Biology	3	Peter Hornsby, director.	114-AAB	50	Tu/Th	8:30-9:50am	S	Yes
INTD 5008	Lab Rotations	2	Reto Asmis	TBA		TBA	TBA	S	Yes
INTD 5040	Fundamentals of Neuroscience I	3	Eileen Lafer Greg MacLeod	229B		TU/TH	8:30–10:30am		Yes
INTD 5041	Neuroscience – Medical	5.0	Mary K. Vaughan	3.102B	5	Continued from Fall 2009, with Medical School	TBA	S	Yes
INTD 5046	Mind & Brain: Meta Analysis in Cognitive Neuroimaging	2.5	Angela Laird	RIC Rm. 2.714	10	Tues/Thurs	4:00-5:30pm	S	Yes
INTD 5067	Introduction to Bioinformatics and Computational Biology	2	Stephen E. Harris and Faculty	114/116-AAB	10	Th	1:00–3:00pm	01/14/2010 – 5/06/2010	
INTD 5081	Topics in Cardiovascular Research	1	Reto Asmis	104-AAB	6	Thus	8:30–10:00am	S	Yes
INTD 5094	Independent Study	0.5-9	Larry D. Barnes	TBA		TBA	TBA	S	Yes
INTD 6002	Ethics in Research	0.5	Joel Baseman	309L	80	M, Tu, W, Th, F	1:30-3:00pm	2/8/10-2/12/10	No
INTD 6033	Cell Signaling Mechanisms	2	J. Jiang, F. Liu	425D		MW	9:00-11:00 am	3/22/10-5/7/10	Yes
INTD 6041	Basic Sci Res Lec Neurology	1.5	Merrill Carolin	TBA		TBA	TBA	S	Yes
INTD 6045	Clinical Practicum in Neuroscience	1.0	David Morilak	TBA		TBA	TBA	S	Yes
INTD 6090	Seminar	1	Larry D. Barnes	TBA		TBA	TBA	S	Yes
INTD 6097	Research	1	Larry D. Barnes	TBA		TBA	TBA	S	Yes
BIOC 5083	Hydrodynamic Methods	2	Demeler, Borries	2.042 MED	No	M-F	8am–5pm		Yes
BIOC 5085	Biophysical Methods in Biology	2	Robinson, Neal	425D	No	M, W	1:30–3:00 pm		Yes
BIOC 6010	Gene Expression	2	Adamo, Martin	425D	No	Tues & Thur	1:00-2:00 pm		Yes
BIOC 6015	Metabolic Disorders	2	McAlister-Henn, Lee	TBA	No	TBA	TBA		Yes
BIOC 6069	Contemporary Biochemistry Student Review	1	Luduena, Richard Robinson, Neal	TBA	No	TBA	TBA		Yes
BIOC 6097	Research	1-9	Robinson, Neal	TBA	No	M-F	8 am – 5 pm		Yes
BIOC 6098	Thesis	1-9	Robinson, Neal	TBA	No	M-F	8 am – 5 pm		Yes
BIOC 7099	Dissertation	1-9	Robinson, Neal	TBA	No	M-F	8 am – 5 pm		Yes

ORTO 5091	Independent Study	0.5 - 3	Dean, David Sylvia, Victor	N/A	10	TBA	TBA		Yes
ORTO 6005	Biomaterials Surface Science	3	Marton, Denes	2.020 MED		Tues/Thurs	2:30 – 3:50 PM		No
ORTO 6071	Supervised Teaching	3	Dean, David	N/A	10	TBA	TBA		Yes
ORTO 6090	Seminar	1	Dean, David	108/110/11 2-AAB	60	Weds	3:30 – 6:00 PM	01/20/2010 02/17/2010 03/17/2010 04/21/2010 05/19/2010	No
ORTO 6097	Research	1 - 9	Dean, David	N/A	10	TBA	TBA		Yes
ORTO 7099	Dissertation	1 - 9	Dean, David Sylvia, Victor	N/A	10	TBA	TBA		Yes
CSBL 5011	Gross Anatomy & Human Embryology	7.5	L. Johnson, C. Kamp, C. Moore, O. Rahimi, F. Richards, A. Sakaguchi, S. Stacy, V. Williams	3.102B		Continued from Fall 2009, with Med School	Continued from Fall 2009, with Medical School	With Medical School	Yes
CSBL 5015	History of Anatomy	2.5	Charleen Moore	215C	30	Tu	5:30-7:20pm	01/13/10 - 04/18/10	Yes
CSBL 5023	Development	1	Kristine Vogel	120-AAB	35	MWF	8:30-9:50am	3/17/10 – 4/12/10	Yes
CSBL 5024	Genomics	1	Luis Penalva	120-AAB	35	MWF	8:30-9:50am	2/8/10 – 3/15/10	Yes
CSBL 5025	Genetics	1	Susan Naylor	120-AAB	35	MWF	8:30-9:50am	1/1/10- 2/5/10	Yes
CSBL 5026	Stem Cell Biology	1	Vivienne Rebel	120-AAB	35	MWF	8:30-9:50am	4/14/10 – 5/12/10	Yes
CSBL 6021	Animal Models	3	Yidong Bai and Suzette Tardif, co-directors	120-AAB	15	MW	10:00-11:30 am	S	Yes
CSBL 6048	Biology of Aging	3	P. Larsen, director; H. Van Remmen, co-director	124-AAB & Barshop Conf. Rm 3.100.2	30	MW	10:30am-11:50am	S	Yes
CSBL 6064	Genes and Development	4	S. Naylor, director; L. Penalva, K. Vogel, and V. Rebel, co-directors	120-AAB	30	MWF	8:30-9:50am	S	Yes
CSBL 6068	Cancer Biology Core I	2	R. Marciniak, director; J. Freeman, co-director.	120-AAB	30	MWF	1:00-2:30pm	01/11/10 – 03/12/10	Yes
CSBL 6069	Cancer Biology Core II	2	P. Dahia, Director; S. Naylor, co-director.	120-AAB	35	MWF	1:00-2:30pm	03/15/10 05/12/10	Yes
CSBL 6071	Supervised Teaching	ARR	Staff	TBA		TBA	TBA	S	Yes

CSBL 6090	Seminar	1	Q. Ran, director; M. Lindsey, co-director	209-210L Med & 1.120 SBC	75	Tu/Th	11:00-11:50am	S	Yes
CSBL 6094	Independent Study in Neuroanatomy	2	M.K. Vaughan, director	TBA		TBA	TBA	S	Yes
CSBL 6097	Research	ARR	Staff	TBA	50	TBA	TBA	S	Yes
CSBL 6098	Thesis	ARR	Staff	TBA	30	TBA	TBA	S	Yes
CSBL 7090	Dissertation	ARR	Staff	TBA	50	TBA	TBA	S	Yes
MEDI 5074	Data Management, Quality Control & Regulatory Issues	2.0	Sharon Fowler	2.042	25	Tuesdays	2:30–5:30 p.m.	01/12/2010 Thru 04/30/2010	Yes
MEDI 6060	Patient Oriented Clinical Research Methods-2	2.0	Michael Lichtenstein	2.042	25	Mondays	2:30–5:30 p.m.		Yes
MEDI 6061	Patient Oriented Clinical Research Biostatistics-2	2.0	John Cornell	2.042	25	Thursdays	2:30–5:30 p.m.		Yes
MEDI 6064	Grantsmanship & Peer Review	1.0	Linda McManus	104 AAB	11	Mondays Bi-Weekly	11:00–1:00 p.m.		Yes
MEDI 6066	Instrument Development & Validation	1.0	Douglas Murphy	2.010	25	Thursdays Bi-Weekly	2:30–5:30 p.m.		Yes
MEDI 6067	Genetics & Epidemiology	1.0	Donna Lehman	2.042	25	Wednesdays (Bi-Wkly beginning 1/20/2009)	2:30–5:30 p.m.	01/20/2010 Thru 05/12/2010	Yes
MEDI 6068	Cross-Cultural Adaption of Research Instruments	1.0	Helen Hazuda	2.010	25	Wednesdays Bi-Weekly	2:30–5:30 p.m.		Yes
MEDI 6097	Research	3.0	Michael Lichtenstein	TBA	No	TBA	TBA		Yes
MICR 5003	Core Concepts in Microbiology and Immunology	4	Michael Berton	4.670U	10-15	M, Tu, Th, F	8:30-9:30am		Yes
MICR 5025	*Eukaryotic Pathogens	1	David Kadosh	4.670U	10-15	M, Tu, Th, F	8:30-9:30am	4/12 - 5/7	Yes
MICR 5026	*Pathogenic Microbiology	1	Peter Dube	4.670U	10-15	M, Tu, Th, F	8:30-9:30am	3/8 - 4/9	Yes
MICR 5027	*Immunology	1	Michael Berton	4.670U	10-15	M, Tu, Th, F	8:30-9:30am	1/11 - 2/5	Yes
MICR 5028	*Virology	1	Yan Xiang	4.670U	10-15	M, Tu, Th, F	8:30-9:30am	2/8 - 3/5	Yes
MICR 5029	Building Scientific Thinking Skills	2	Guangming Zhong Santanu Bose	4.670U	10-15	W, F	9:45-10:45am		Yes
MICR 5030	Microbiology and Immunology Track Journal Clubs	0.5	Guangming Zhong/David Kadosh	DR		weekly	TBA		No
MICR 5090	Acquiring Presentation Skills	1	Carlos Orihuela	444-445B		Tu	4:00-5:00pm		Yes
INTD 5092	Special Problems	1	Wm. Haldenwang	DR		TBA	TBA	TBA	Yes
MICR 6071	Supervised Teaching	1	Keith Krolick	DR		TBA	TBA		Yes
MICR 6097	Research	varies	Supervising Professor	DR		TBA	TBA		Yes
MICR 6098	Thesis	varies	Supervising Professor	DR		TBA	TBA		Yes
MICR 7099	Dissertation	varies	Supervising Professor	DR		TBA	TBA		Yes

MMED 5001	Molecular Medicine	3	Hu, Yanfen	3.002/IBT		M Tu	9:30-11:30 AM 10-12 NOON		Yes
MMED 6091	Seminars on Molecular Medicine	1	Hu, Yanfen	3.002/IBT		Tu	3:30-4:30 PM		
MMED 6097	Research	varies	Christy, Barbara	3.002/IBT		M-F ∞	8-5 ∞		
MMED 6098	Thesis	varies	Christy, Barbara	3.002/IBT		M-F ∞	8-5 ∞		Yes
MMED 7099	Dissertation	varies	Christy, Barbara	3.002/IBT		M-F ∞	8-5 ∞		Yes
PATH 5025	Individual Study in Biometry	1-3	Alex C. McMahan Thomas J. Prihoda	TBA	Yes	TBA	TBA		Yes
PHAR 5013	Prin. of Pharmacology I	3	William Clarke	229B		M/W/F	10:30 – 12:00		No
PHAR 5014	Therapeutics	3	Francis Lam William Clarke	229B		T/TH	10:30-12:30 pm		Yes
PHAR 5090	Seminar	1	William Clarke	444B		W	Noon – 1:50		No
PHAR 5091.001	Monoaminergic Transmission	1	Lynette Daws William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.002	Drug Discovery	1	Wouter Koek William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.003	Historical Perspectives of Receptor Theory	1	William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.004	Cell Membrane Microdomains and Signaling	1	William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.006	Serotonin: Soup to Nuts	1	Alan Frazer Julie Hensler William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.009	Basic Res on Mechanisms of Epilepsy	1	Robert Brenner José Cavazos William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.010	Appetite Control	1	Xin-Yun Lu William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.011	Behavioral Pharmacology	1	Charles France William Clarke	TBA		TBA	TBA		Yes
PHAR 5091.014	Therapeutics: Central Nervous System Pharmacotherapeutics	0.5	Lance McMahon William Clarke	TBA		M	10:00 - Noon	TBA	Yes
PHAR 5091.015	Therapeutics: Chemotherapy	0.5	Yui-Wing Francis Lam William Clarke	TBA		M	10:00 - Noon	TBA	Yes
PHAR 5091.016	Therapeutics: Endocrine Pharmacology	0.5	William Clarke	TBA		M	10:00 - Noon	TBA	Yes
PHAR 6027	Fundamentals of Neuroethics	1	Andrea Giuffrida Craig Klugman	229B		TU	2-4:00p.m.		YES
PHAR 6071	Supervised Teaching	1	William Clarke	TBA		TBA	TBA		No
PHAR 6097	Research	0.5 - 9	William Clarke	Labs		TBA	TBA		Yes

PHAR 6097.DDS	Research	0.5 - 9	William Clarke	Labs		TBA	TBA		Yes
PHAR 6098	Thesis	0.5 - 9	William Clarke	Labs		TBA	TBA		Yes
PHAR 7099	Dissertation	0.5 - 9	William Clarke	Labs		TBA	TBA		Yes
PHAR 7099.DDS	Dissertation	0.5 - 9	William Clarke	Labs		TBA	TBA		Yes
PHYL 5013	Dental Physiology	6.5	Jeremiah Herlihy	TBA	5	TBA	TBA		YES
PHYL 5026	Physiology in Life & Medicine	3	Duane Proppe	3.078V	2	TTH	6:00–10:00pm		YES
PHYL 5041	Excitable Membranes	1	John Johnson	3.078V	8	MWF	8:30–10:00am		YES
PHYL 5042	Cardiovascular Physiology	1	John Johnson	3.078V	8	MWF	8:30–10:00am		YES
PHYL 5043	Respiratory & Renal Physiology	1	John Johnson	3.078V	8	MWF	8:30–10:00am		YES
PHYL 5044	Endo/Metab & Gastro Physiology	1	John Johnson	3.078V	8	MWF	8:30–10:00am		YES
PHYL 5045	Mammalian Physiology	4	John Johnson	3.078V	8	MWF	8:30–10:00am		YES
PHYL 5081	Experiments in Physiology II	1	Jeremiah Herlihy	3.078V	8	W	1:00–5:00pm		YES
PHYL 6071	Supervised Teaching	1	James Nelson	3.078V	2	TBA	TBA		YES
PHYL 6090	Seminar	1	Salvatore Oddo Rene Renteria	409L	16	W	10:00am-12:00pm		YES
PHYL 6097	Research	ARR	James Nelson	TBA	8	TBA	TBA		YES
PHYL 6098	Thesis	ARR	Duane Proppe	TBA	8	TBA	TBA		YES
PHYL 7099	Dissertation	ARR	James Nelson	TBA	8	TBA	TBA		YES
PHYL 6291	Seminar II	ARR	David Weiss	444B & SBC 1.130	16	M	11:30am–1:30pm		YES
RADI 5010	Medical Biophysics	3	Beth Goins/ Eugene Sprague	625F	20	Tues/Thurs	1:30-2:50pm		Yes
RADI 5018	Physics Measurements in Imaging	2	Jonathan Tucker/Carl Keener/Janet Feng/Davy Goff/Bahadir Ozus	TBA	8	Thursdays	6:00-9:00pm		Yes
RADI 5020	Principles of Health Physics 1	3	Michael Charlton	104-AAB	15	Mon/Wed	3:30-5:00pm		Yes
RADI 5090	Radiological Sciences Seminar	1	Beth Goins/Doss McDavid	409L	20	Tuesdays	10:00-11:00am		Yes
RADI 6012	Physics of Nuclear Medicine	3	Paul Jerabek/Beth Goins/Ande Bao	625F	15	Mon/Fri	1:00-2:30pm		Yes
RADI 6016	Physics of Diagnostic Imaging II	3	Jack Lancaster	2.534 RIC	15	Tues/Thurs	8:00-9:30am		Yes
RADI 6023	Clinical Medical Physics	1-9	Geoffrey Clarke	N/A	20	TBA	TBA		Yes

RADI 6024	Radiological Physiology & Anatomy	3	Kedar Chintapalli/Geoffrey Clarke	625F	20	Tues/Thurs	3:30-5:00pm		Yes
RADI 6030	Physics of Radiotherapy	3	Wayne Wiatrowski	625F	15	Mon/Wed	9:30-10:50am		Yes
RADI 6033	Advanced Radiotherapy Physics	3	Niko Papanikolaou	CTRC Plaza Conf Room	20	Wednesday	1:00-3:00pm		Yes
RADI 6035	Physics Measurements in Radiotherapy II	3	Alonso Gutierrez/Sotirios Stathakis	Grossman Plaza	10	Thursday	4:00-7:00pm		Yes
RADI 6049	Introduction to Magnetic Resonance	2	Chris Peng	2.022	10	Tues/Thurs	1:30-2:50pm		Yes
RADI 6060	Biophotonics & Optical Imaging	3	Randy Glickman/Dhiraj Sardar	2.610 RIC	6	Tues/Thurs	3:30-5:00pm		Yes
RADI 6071	Supervised Teaching	1-9	Faculty	N/A					Yes
RADI 6091	Special Topics	1-9	Faculty	N/A					Yes
RADI 6097	Research	1-9	Faculty	N/A					Yes
RADI 6098	Thesis	1-9	Faculty	N/A					Yes
RADI 7099	Dissertation	1-9	Faculty	N/A					Yes