

DEPT ABBR	CAT . #	SEC T. #	Title	Credits	MTG DAY/S	Instructor	Mode of instruction	Location	Class MAX	MINIMUM # for Class to make	Notes
MEDS	5309	F01	Molecular Basis of Disease	2	Mondays, 3-5 PM	Wendy Mok	in person	TBD	25		The Molecular Basis of Disease is designed for first year MD/PhD students and first and second year PhD students; PERMISSION # REQUIRED NOW REQUIRED
MEDS	5329	F01	Immunobiology	4	Tues.,and Thurs., 9-10:30 AM	Beiyan Zhou	in person	A1	50		
MEDS	5335	F01	Advanced Molecular and Cellular Immunology	4	Tues. & Thurs., 2:30-4:30 PM	Penghua Wang	in person	B5			Students must have completed Immunobiology before taking this course. These requirements may be waived by the course director on a case-by-case basis.
MEDS	5351	F01	Fundamentals of Biophysics (formerly Biochemistry II)	3	Fridays, 1:30-4:30 PM	Stephen Chou	in person	A1	20	3	
MEDS	5372	F01	Cellular and Molecular Neuroscience	3	Tues. 9:30-11:30; Thurs. 9:30-10:30	Eric Levine	in person	E-4036		3	
MEDS/ BME	5384/ 6086	F01	Brain Microcircuits	2	Thursdays, 2:00-4:00 PM	Manuel Castro-Alamancos	in person	E-4042			All students expected to have familiarity with neuroscience from previous courses. Graduate Students: An introductory neuroscience course is preferred, (e.g. PNB 5301, MEDS 5372, MEDS 5371). Undergrads: Instructor consent for MEDS 5384 required. BME students: Instructor consent required.
MEDS	5418	F01	Stem Cells & Regenerative Biology	3	Thursdays, 1:15-5:00 PM	Asis Das	in person	TBD	8		Instructor consent required
MEDS	6448	F01	Foundations of Biomedical Science I	4	Mon., 9-10:30; Wed. 9-10:30; F 9-11:30	Yi Wu, Christopher Heinen, Christine Beck	in person	EG-052 or EG-013 (tbd)			Reserved for 1st yr. Biomed Sci PhD students. All others need course director permission.
MEDS/ BME	6450/ 6450	F01	Optical Microscopy & Bio-Imaging	3	Tuesdays, 5-7:30 PM	Ji Yu	in person	R-1673 (400 Farm. Ave.)		3	
MEDS	6495		Independent Study								Must complete form & submit to Registrar to enroll
MEDS	6497	F01	Molecular Biology & Biochemistry Journal Club	1	Mondays, Noon-1PM;	Wendy Mok; Adam Schuyler	in person	E-2036			
MEDS	6497	F02	Cell Biology Journal Club	1	Mondays, Noon-1:15 PM	Patrick Murphy, David Han, Mayu Inaba, Hideyuki Oguro; Asis Das; Misako Nakanishi	in person	E-5036			
MEDS	6497	F03	Skeletal Biology and Regeneration Journal Club	1	Fridays, Noon-1:00 PM	Rosa Guzzo and Danielle Rux	in person	A8			
MEDS	6497	F04	Immunology Journal Club	1	Wednesdays, Noon-1:30 PM	Jenna Bartley	in person	Massey Aud.			
MEDS	6497	F05	Neuroscience Journal Club	1	Wednesdays, Noon-1 PM	Paola Bargagna-Mohan; Alice Burghard	in person	E-4036			
MEDS	6497	F06	Systems Biology Journal Club	1	Fridays, Noon-1PM	Michael Blinov	hybrid	R-1401 (Demo Rm-400 Farm Ave.)			
MEDS	6497	F07	Genetics & Developmental Biology Journal Club	1	Mondays, Noon-1PM	William Mohler	in person	Grossman Aud.-400 Farm.			must be part of GDB AoC/rotating w/ GDB affiliated lab
MEDS	6498	F01	Special Topics in Biomedical Science: AI and Machine Learning in Biomedical Sciences	3	Tuesdays, 3:00-6:00 PM	Pedro Mendes	in person	Grossman Aud.-400 Farm.			<<NEW! Course added 5/28/25
MEDS	6501	F01	Communications for Biomedical Scientists	1	Mondays 10:15-11:30 AM	Barbara Kream, Bruce Mayer, Christopher Heinen	in person	EG-013 (tbd)			For 2nd year Biomed Sci PhD & G1 dual degree students. All others need course director permission.
MEDS	6502	F01	Rigor, Experimental Design & Biostatistics	1	Mondays 9:00-10:00 AM	Adam Adler	in person	EG-013 (tbd)			LIMITED TO 2ND YEAR BMS STUDENTS
MEDS	6503	F01	First Year Graduate Experience in Biomedical Science	2	Mon-Fri	Stephen Crocker; Anne Delany	in person	A8 (first 4 weeks) then w/ rotation PI--room now A8 as conflicted with another course in A1			limited to incoming 1st years; multisemester course- 2 credits PER semester (Fall and Spring)
MEDS	6504	F01	The Genetics of Model Organisms	3	Tues/Thurs 10:00-11:30 AM	Brenton Graveley	in person	Grossman Aud.-400 Farm.			
GRAD	6950		Doctoral Dissertation Research (listed on Storrs Campus in student admin)	>>>	Variable credits: seccion # equals number of credits						

GRAD	6998		Special Readings (Cont. Registration for DMD/PhD Dual Degree Students, Yr: D1 & D2)								
GRAD	6999		Dissertation Preparation (Cont. Registration for DMD/PhD Dual Degree students; D3 & D4)								

IMPT NOTE: Course locations may change if needed –contact the course director for updated information

updated 5/28/25