

Baylor
College of
Medicine

**THE GRADUATE SCHOOL
OF BIOMEDICAL SCIENCES**

**Schedule of Classes
2018-2019**

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GENERAL INFORMATION

On-line course catalog – course descriptions can be found at:

<https://www.bcm.edu/education/schools/graduate-school-of-biomedical-sciences/current-students/curriculum/course-descriptions>

Column Headings and Abbreviations

- ◆ CRS NO: The first two letters are GS (Graduate School), the second two letters designate the graduate program and the last three numbers designate the specific course.
- ◆ CR HRS: Number of credit hours per course.
- ◆ BA = By Arrangement
- ◆ TBA = To Be Announced
- ◆ V = Variable credit hours
- ◆ D = designated the course is classified as didactic and will count towards the students 30 required didactic hours
- ◆ Days: Days the course meets. M-Monday, T-Tuesday, W-Wednesday, Th-Thursday, F-Friday
- ◆ BLDG/RM: Building/Room number—The following are the building codes
 - A - Cullen
 - ABBR – Alkek Bldg for Biomedical Research
 - B - Cullen
 - D – Jewish
 - E - Anderson
 - M - DeBakey
 - N – Alkek
 - NA – Neurosensory
 - NC – Neurosensory
 - NRI – Neurological Research Institute
 - S – Smith
 - T – Taub
 - TXFC – Texas Children’s Feigin Center

Even/Odd Years:

The 2018-2019 academic year is an even year. Some courses are offered either odd or even years.

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(GS-BC)	BIOCHEMISTRY & MOLECULAR BIOLOGY		
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2018-2019 GRADUATE SCHOOL CALENDAR

REGISTRATION 1st Term

July 2-13, 2018

ORIENTATION

July 25, 26 and 27, 2018

FIRST TERM July 30 – SEPTEMBER 28, 2018

First Class Day	July 30
Last Day to Drop/Add	August 13
Holiday	September 3 (Labor Day)
Registration Term 2	September 10 – 21
Last Class Day	September 21
Exams	September 24 – 28

SECOND TERM OCTOBER 8 -- DECEMBER 7, 2018

First Class Day	October 8
Last Day to Drop/Add	October 22
GSBS Student Symposium	TBA
Registration Term 3	November 19 – 30
Holiday	November 22 & 23 (Thanksgiving & FTO)
Last Class Day	November 30
Exams	December 3 - 7

THIRD TERM JANUARY 2 – March 1, 2019

Holiday	January 1 (New Year's Day)
First Class Day	January 2
Last Day to Drop/Add	January 16
Holiday	January 21 (Martin Luther King Day)
Holiday	February 18 (President's Day -FTO)
Registration Term 4	February 11 – 22
Last Class Day	February 22
Exams	February 25 - March 1

FOURTH TERM MARCH 11 - MAY 10, 2019

First Class Day	March 11
Last Day to Drop/Add	March 25
Holiday	April 19 (Good Friday - FTO)
Registration Term 5	April 22 – May 3
Last Class Day	May 3
Exams	May 6 - 10

FIFTH TERM MAY 20 - JULY 19, 2019

First Class Day	May 20
Holiday	May 27 (Memorial Day)
Last Day to Drop/Add	June 3
Holiday	July 4 (Independence Day)
Registration Term 1 (2019-20)	July 1 – July 12
Last Class Day	July 12
Exams	July 15 - 19

REVISED: 1/26/18

GRADUATE SCHOOL SERVICE CURRICULUM – 220

****For specific course lectures and specific days and times please refer to <https://www.bcm.edu/education/schools/graduate-school-of-biomedical-sciences/current-students/curriculum/core-curriculum>**

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-GS-501	Organization of the Cell	2 (D)	M, W, F	2:30 – 3:30	N315	Sifers/Bissig
GS-GS-502	Molecular Methods	3 (D)	M, W, F	1:15 – 2:15	N315	Weigel
GS-GS-503	Genetics A	2 (D)	T, Th	1:15 – 2:15	N315	Herman/Dierick
GS-GS-528	Responsible Conduct of Research – Year 1	1	W	9:00 – 10:00	N315	Bertuch
GS-GS-548	MSTP Reading	1.5	BA	BA		Plon
2nd Term						
GS-GS-504	Genetics B	2 (D)	T, Th	1:15 – 2:15	N315	Zhou
GS-GS-505	Cell Division	2 (D)	M, W, F	1:15 – 2:15	N315	Ira/Chang
GS-GS-506	Development	2 (D)	M, W, F	2:30 – 3:30	N315	Groves
GS-GS-508	Cancer	1 (D)	M, F	1:15 – 2:15	N315	Pangas
GS-GS-523	Method and Logic in Molecular Biology	3 (D)	T, Th	10:00 – 12:00	N302, N304,N317, M303, M305	Mardon/ Shroyer/Suter
GS-GS-527	ABC – Applications to Biology of Computation	2 (D)	T, Th	9:00 – 10:00	N315	Lichtarge
GS-GS-529	Responsible Conduct of Research – Year 2	.50	W	9:00 – 10:00	N315	Bertuch
GS-GS-548	MSTP Reading	1.5	BA	BA		Plon
3rd Term						
GS-GS-509	Gene Regulation	3 (D)	M, W, F	1:15 – 2:15	N315	Cooper
GS-GS-511	Neuroscience	1 (D)	T, Th	2:30 – 3:30	N315	Ray
GS-GS-512	Immunology	1 (D)	T, Th	2:30 – 3:30	N315	Levitt
GS-GS-518	Macromolecules: Structure and Interactions	3 (D)	M, W, F	2:30 – 3:30	N315	Prasad/Zhou
GS-GS-530	Responsible Conduct of Research – Year 3	.50	T	9:00 – 10:00	N315	Bertuch
GS-GS-531	Responsible Conduct of Research – Year 4	.50	Th	9:00 – 10:00	N315	Bertuch
GS-GS-548	MSTP Reading	1.5	BA	BA		Plon
4th Term						
GS-GS-519	Introduction to Scientific Writing	1	F	8:30 – 10:30 weeks 1 and 2; 9:00 – 10:30 remainder	N311	Marriott
GS-GS-522	Research Design	3 (D)	T	12:30 – 3:30	N310, N311, N317	Prasad
GS-GS-525	Introduction to Intellectual Property	1	T, Th	9:00 – 10:00	N317	Turley

GS-GS-532	Biostatistics for Biomedical and Translational Researchers	3 (D)	M, W Th (Lab A) Th (Lab B)	2:00 – 3:00 12:00 – 1:30 2:00 – 3:30	N315	Hilsenbeck/Minard
GS-GS-548	MSTP Reading	1.5	BA	BA		Plon
5th Term						
GS-GS-548	MSTP Reading	1.5	BA	BA		Plon

BIOCHEMISTRY AND MOLECULAR BIOLOGY – 310

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-BC-400	Thinking Like a Scientist <i>First year BC students only</i>	1	T	11:00 – 1:00	350A	Sokac
GS-BC-435	Special Projects	V	BA	BA		
GS-BC-463	Special Topics	V	BA	BA		
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-BC-548	Reading	V	BA	BA		
GS-BC-549	Research Rotation	V	BA	BA		
GS-BC-550	Dissertation	V	BA	BA		

2nd Term

GS-BC-407	Thinking Like a Scientist-Term 2 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Sokac/Golding
GS-BC-435	Special Projects	V	BA	BA		
GS-BC-463	Special Topics	V	BA	BA		
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-BC-548	Reading	V	BA	BA		
GS-BC-549	Research Rotation	V	BA	BA		
GS-BC-550	Dissertation	V	BA	BA		

3rd Term

GS-BC-408	Thinking Like a Scientist-Term 3 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Zhou/Young
GS-BC-435	Special Projects	V	BA	BA		
GS-BC-463	Special Topics	V	BA	BA		
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-BC-548	Reading	V	BA	BA		
GS-BC-549	Research Rotation	V	BA	BA		
GS-BC-550	Dissertation	V	BA	BA		

4th Term

GS-BC-409	Thinking Like a Scientist-Term 4 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Wensel
GS-BC-435	Special Projects	V	BA	BA		
GS-BC-463	Special Topics	V	BA	BA		
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-BC-548	Reading	V	BA	BA		
GS-BC-549	Research Rotation	V	BA	BA		
GS-BC-550	Dissertation	V	BA	BA		

5th Term

GS-BC-435	Special Projects	V	BA	BA		
GS-BC-463	Special Topics	V	BA	BA		
GS-BC-548	Reading	V	BA	BA		
GS-BC-549	Research Rotation	V	BA	BA		
GS-BC-550	Dissertation	V	BA	BA		

CARDIOVASCULAR SCIENCES – 465

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-CS-435	Special Projects <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-463	Special Topics <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-548	Readings <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-549	Research Rotation <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-550	Dissertation	V	BA	BA		

2nd Term

GS-CS-435	Special Projects <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-463	Special Topics <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-548	Readings <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-549	Research Rotation <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-550	Dissertation	V	BA	BA		

3rd Term

GS-CS-435	Special Projects <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-463	Special Topics <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-466	Seminar in Cardiovascular Sciences <i>Not offered in AY18</i>	I	T	3:30 – 4:30	409B	Marrelli
GS-CS-548	Readings <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-549	Research Rotation <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-550	Dissertation	V	BA	BA		

4th Term

GS-CS-411	Cardiovascular Physiology	4 (D)	M, T, W, Th	9:00 – 10:00	409B	Wehrens/Li
GS-CS-435	Special Projects <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-463	Special Topics <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-466	Seminar in Cardiovascular Sciences <i>Not offered in AY18</i>	I	T	3:30 – 4:30	409B	Marrelli
GS-CS-548	Readings <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-549	Research Rotation <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-550	Dissertation	V	BA	BA		

5th Term

GS-CS-412	Cardiovascular Disease and Pathology	4 (D)	M, T, W, Th	9:00 – 10:00	409B	Martin/Wang, Jun
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GS-CS-435	Special Projects <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-463	Special Topics <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-466	Seminar in Cardiovascular Sciences <i>Not offered in AY18</i>	I	T	3:30 – 4:30	409B	Marrelli
GS-CS-548	Readings <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-549	Research Rotation <i>Not offered in AY18</i>	V	BA	BA		
GS-CS-550	Dissertation	V	BA	BA		

CLINICAL SCIENTIST TRAINING PROGRAM – 801

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-CT-400	Fundamentals of Clinical Investigation	3 (D)	M, T, W, Th	5:30 – 7:30	M112	Kheradmand
GS-CT-403	CICS I: Grant Development for Clinical Investigators	2 (D)	T, Th	4:00 – 5:30	R608	Balasubramanyam
GS-CT-409	Responsible Conduct of Research for Clinical Investigators	1	M, T, W, Th	5:30 – 7:30	M112	Gramatges
GS-CT-435	Special Projects	V	BA	BA		
GS-CT-466	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	1	W	4:00 – 6:00	CNRC 2002	Balasubramanyam
GS-CT-548	Reading	1	BA	BA		
GS-CT-549	Research Rotation	V	BA	BA		
GS-CT-550	Dissertation	V	BA	BA		
2nd Term						
GS-CT-404	CICS II: Clinical Trials for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Kheradmand
GS-CT-435	Special Projects	V	BA	BA		
GS-CT-466	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	1	W	4:00 – 6:00	CNRC 2002	Balasubramanyam
GS-CT-548	Reading	1	BA	BA		
GS-CT-549	Research Rotation	V	BA	BA		
GS-CT-550	Dissertation	V	BA	BA		
3rd Term						
GS-CT-405	CICS III: Translational Research for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Vallejo
GS-CT-435	Special Projects	V	BA	BA		
GS-CT-466	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	1	W	4:00 – 6:00	CNRC 2002	Balasubramanyam
GS-CT-548	Reading	1	BA	BA		
GS-CT-549	Research Rotation	V	BA	BA		
GS-CT-550	Dissertation	V	BA	BA		
4th Term						
GS-CT-406	CICS IV: Health Services Research for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Pereira
GS-CT-408	Development and Commercialization of Biomedical Innovations <i>Not offered in AY18</i>	1 (D)	W	4:00 – 5:00	R608	Balasubramanyam
GS-CT-435	Special Projects	V	BA	BA		
GS-CT-466	<i>Seminar in Clinical Sciences</i>	1	W	4:00 – 6:00	CNRC 2002	Balasubramanyam

	<i>Not offered in AY18</i>					
GS-CT-548	Reading	1	BA	BA		
GS-CT-549	Research Rotation	V	BA	BA		
GS-CT-550	Dissertation	V	BA	BA		

5th Term

GS-CT-407	CICS V: Evaluating a Completed Career Development Grant	2 (D)	T, Th	4:00 – 5:30	R608	Pereira
GS-CT-435	Special Projects	V	BA	BA		
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-CT-548	Reading	1	BA	BA		
GS-CT-549	Research Rotation	V	BA	BA		
GS-CT-550	Dissertation	V	BA	BA		

DEVELOPMENTAL BIOLOGY – 444

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-DB-402	Classical Developmental Biology	2 (D)	T, Th	9:00 – 10:30	N302	Lewis/Poché
GS-DB-435	Special Projects	V	BA	BA		
GS-DB-463	Special Topics	V	BA	BA		
GS-DB-548	Reading	V	BA	BA		
GS-DB-549	Research Rotation	V	BA	BA		
GS-DB-550	Dissertation	V	BA	BA		
2nd Term						
GS-DB-400	Preparing for Your Developmental Biology Qualifying Exam	1	T, Th	4:30 – 6:00	NRI 13 th Floor Conference Room	Samuel/Arenkiel
GS-DB-435	Special Projects	V	BA	BA		
GS-DB-463	Special Topics	V	BA	BA		
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-DB-548	Reading	V	BA	BA		
GS-DB-549	Research Rotation	V	BA	BA		
GS-DB-550	Dissertation	V	BA	BA		
3rd Term						
GS-DB-422	Evolutionary Conservation of Developmental Mechanisms	2 (D)	T, W, Th	11:00 – 12:30	N302	Groves
GS-DB-435	Special Projects	V	BA	BA		
GS-DB-463	Special Topics	V	BA	BA		
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-DB-548	Reading	V	BA	BA		
GS-DB-549	Research Rotation	V	BA	BA		
GS-DB-550	Dissertation	V	BA	BA		
4th Term						
GS-DB-403	Neural Development	3 (D)	M, W, F	10:00 – 11:30	N304	Arenkiel/Sillitoe
GS-DB-404 ^[1]	Genetics and Genomics in Vision Research <i>Offered in AY18 (even year course)</i>	1 (D)	M, W	1:00 – 2:00	N302	Mardon
GS-DB-425	Topics in Development	3 (D)	T, Th	2:00 – 3:30	N304	Nakada/Wythe
GS-DB-435	Special Projects	V	BA	BA		
GS-DB-463	Special Topics	V	BA	BA		
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-DB-548	Reading	V	BA	BA		

GS-DB-549	Research Rotation	V	BA	BA		
GS-DB-550	Dissertation	V	BA	BA		

5th Term

GS-DB-435	Special Projects	V	BA	BA		
GS-DB-463	Special Topics	V	BA	BA		
GS-DB-548	Reading	V	BA	BA		
GS-DB-549	Research Rotation	V	BA	BA		
GS-DB-550	Dissertation	V	BA	BA		

IMMUNOLOGY – 344

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-IM-400	Logic and Presentation of Problem-Solving Science	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	187A	Diehl
GS-IM-435	Special Projects	V	BA	BA		
GS-IM-446	Immunology Journal Club	1	T	9:00 – 10:00	N901	Chen
GS-IM-463	Special Topics	V	BA	BA		
GS-IM-548	Reading	V	BA	BA		
GS-IM-549	Research Rotation	V	BA	BA		
GS-IM-550	Dissertation	V	BA	BA		
2nd Term						
GS-IM-401	Logic and Rhetoric of Writing Science	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-423	Immunology	3 (D)	M, W, F	10:00 – 11:00	N311	Levitt
GS-IM-435	Special Projects	V	BA	BA		
GS-IM-446	Immunology Journal Club	1	T	9:00 – 10:00	N901	Chen
GS-IM-463	Special Topics	V	BA	BA		
GS-IM-548	Reading	V	BA	BA		
GS-IM-549	Research Rotation	V	BA	BA		
GS-IM-550	Dissertation	V	BA	BA		
3rd Term						
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-425	Regulation of Immune Responses	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-435	Special Projects	V	BA	BA		
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-IM-463	Special Topics	V	BA	BA		
GS-IM-548	Reading	V	BA	BA		
GS-IM-549	Research Rotation	V	BA	BA		
GS-IM-550	Dissertation	V	BA	BA		
4th Term						
GS-IM-402	Logic and Rhetoric of Writing Proposals	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-428	Molecular Immunology	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-435	Special Projects	V	BA	BA		
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-IM-463	Special Topics	V	BA	BA		
GS-IM-548	Reading	V	BA	BA		

GS-IM-549	Research Rotation	V	BA	BA		
GS-IM-550	Dissertation	V	BA	BA		

5th Term

GS-IM-405	Clinical Aspects of Immunology	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-435	Special Projects	V	BA	BA		
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-IM-463	Special Topics	V	BA	BA		
GS-IM-548	Reading	V	BA	BA		
GS-IM-549	Research Rotation	V	BA	BA		
GS-IM-550	Dissertation	V	BA	BA		

INTEGRATIVE MOLECULAR AND BIOMEDICAL SCIENCES – 242

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-MB-401	IMBS Director's Course	1	M, F	10:30 – 12:00	N311	Pereira
GS-MB-435	Special Projects	V	BA	BA		
GS-MB-463	Special Topics	V	BA	BA		
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MB-548	Reading	V	BA	BA		
GS-MB-549	Research Rotation	V	BA	BA		
GS-MB-550	Dissertation	V	BA	BA		

2nd Term

GS-MB-401	IMBS Director's Course	1	M F	11:30 – 1:00	N317	Pereira
GS-MB-431	Translational Cancer Biology	2 (D)	F	1:00 – 3:00	N311	Yustein
GS-MB-435	Special Projects	V	BA	BA		
GS-MB-463	Special Topics	V	BA	BA		
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MB-548	Reading	V	BA	BA		
GS-MB-549	Research Rotation	V	BA	BA		
GS-MB-550	Dissertation	V	BA	BA		

3rd Term

GS-MB-401	IMBS Director's Course	1	M W F	10:30 – 12:00 3:30 – 5:00 9:30 – 11:00	N311	Pereira
GS-MB-435	Special Projects	V	BA	BA		
GS-MB-463	Special Topics	V	BA	BA		
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MB-548	Reading	V	BA	BA		
GS-MB-549	Research Rotation	V	BA	BA		
GS-MB-550	Dissertation	V	BA	BA		

4th Term

GS-MB-401	IMBS Director's Course	1	M F	12:00 – 1:30 3:30 – 5:00	N317 N311/N317	Pereira
GS-MB-430	Biology of Aging & Age Related Diseases	3 (D)	T, Th	10:30 – 12:00	N317	Pereira
GS-MB-435	Special Projects	V	BA	BA		
GS-MB-463	Special Topics	V	BA	BA		
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MB-548	Reading	V	BA	BA		
GS-MB-549	Research Rotation	V	BA	BA		
GS-MB-550	Dissertation	V	BA	BA		

5th Term

GS-MB-435	Special Projects	V	BA	BA		
GS-MB-463	Special Topics	V	BA	BA		
GS-MB-466	Seminar in Cell and	1	M	4:00 – 5:00	N315	Neilson

	Molecular Biology					
GS-MB-548	Reading	V	BA	BA		
GS-MB-549	Research Rotation	V	BA	BA		
GS-MB-550	Dissertation	V	BA	BA		

MOLECULAR AND CELLULAR BIOLOGY – 320

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-CB-435	Special Projects	V	BA	BA		
GS-CB-463	Special Topics	V	BA	BA		
GS-CB-466	Seminar in Cell Biology	1	T	12:00 – 1:00	116C and N601	Foulds
GS-CB-548	Reading	V	BA	BA		
GS-CB-548B	Reading B	V	BA	BA		
GS-CB-549	Research Rotation	V	BA	BA		
GS-CB-550	Dissertation	V	BA	BA		

2nd Term

GS-CB-425	Cellular Signaling	3 (D)	M, W, F	10:00 – 11:00	116C	Weigel
GS-CB-435	Special Projects	V	BA	BA		
GS-CB-463	Special Topics	V	BA	BA		
GS-CB-548	Reading	V	BA	BA		
GS-CB-548B	Reading B	V	BA	BA		
GS-CB-549	Research Rotation	V	BA	BA		
GS-CB-550	Dissertation	V	BA	BA		

3rd Term

GS-CB-400	Explorative Data Analysis	2 (D)	M, F	11:00 – 12:30	M616	Lanz
GS-CB-426	Integrated Microscopy	2 (D)	Th (lecture) Th (lab)	1:00 – 2:00 2:00 – 5:00	116C (lecture) 122A, 123A, 125A (lab)	Mancini/Stossi
GS-CB-435	Special Projects	V	BA	BA		
GS-CB-463	Special Topics	V	BA	BA		
GS-CB-548	Reading	V	BA	BA		
GS-CB-548B	Reading B	V	BA	BA		
GS-CB-549	Research Rotation	V	BA	BA		
GS-CB-550	Dissertation	V	BA	BA		

4th Term

GS-CB-406	Reproductive Biology	3(D)	M, W, F	10:00 – 11:00	116C	Richards/Pangas
GS-CB-435	Special Projects	V	BA	BA		
GS-CB-457	Introduction to Molecular Carcinogenesis	3 (D)	M, W, F	11:00 – 12:00	N317	Li, Yi
GS-CB-461	Cells, Tissues and Organs	2 (D)	Th	3:00 – 4:00 pm (lab) 4:00 – 5:00 pm (lecture)	213B (lab) N317 (lecture)	Rowley/Phung
GS-CB-463	Special Topics	V	BA	BA		
GS-CB-466	Seminar in Cell Biology	1	T	12:00 – 1:00	N601 and 116C	Foulds
GS-CB-468	Regulation of Energy Homeostasis	2 (D)	M, W	12:00 – 1:00	N311	Moses/Moore
GS-CB-548	Reading	V	BA	BA		
GS-CB-548B	Reading B	V	BA	BA		

GS-CB-549	Research Rotation	V	BA	BA		
GS-CB-550	Dissertation	V	BA	BA		
5th Term						
GS-CB-435	Special Projects	V	BA	BA		
GS-CB-463	Special Topics	V	BA	BA		
GS-CB-465	Introduction to Research and Research Proposals <i>First-year MCB students only</i>	1	M, W, F	10:30 – 11:30	116C	Lydon
GS-CB-548	Reading	V	BA	BA		
GS-CB-548B	Reading B	V	BA	BA		
GS-CB-549	Research Rotation	V	BA	BA		
GS-CB-550	Dissertation	V	BA	BA		

MOLECULAR AND HUMAN GENETICS – 705

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR
1st Term

GS-GE-402	Introduction to Data Mining	2 (D)	M, T, W, F	10:00 – 12:00	N315	Shauly
GS-GE-419	Clinical Genetics	1 (D)	F	12:00 – 2:00	R808	Scott
GS-GE-435	Special Projects	V	BA	BA		
GS-GE-463	Special Topics	V	BA	BA		
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GE-548	Reading	V	BA	BA		
GS-GE-549	Research Rotation	V	BA	BA		
GS-GE-550	Dissertation	V	BA	BA		

2nd Term

GS-GE-435	Special Projects	V	BA	BA		
GS-GE-463	Special Topics	V	BA	BA		
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GE-548	Reading	V	BA	BA		
GS-GE-549	Research Rotation	V	BA	BA		
GS-GE-550	Dissertation	V	BA	BA		

3rd Term

GS-GE-421	Mammalian Genetics	2 (D)	T, Th	10:45 – 11:45	N317	Jafar-Nejad/Heaney
GS-GE-435	Special Projects	V	BA	BA		
GS-GE-463	Special Topics	V	BA	BA		
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/Shroyer
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GE-548	Reading	V	BA	BA		
GS-GE-549	Research Rotation	V	BA	BA		
GS-GE-550	Dissertation	V	BA	BA		

4th Term

GS-GE-403	Gene and Cell Therapy	2 (D)	T, Th	10:30 – 11:30	N315	Ng
GS-GE-411	Human Genetics	3 (D)	M, W, F	1:00 – 2:00	201A	Scott
GS-GE-425	Introduction to Medical Genetics	3 (D)	T, Th	10:00 – 11:30	201A	Sardiello
GS-GE-423	Genetic Epidemiology and Population Genetics	1(D)	Th	9:00 – 10:00	N315	Lupo/Scheurer
GS-GE-435	Special Projects	V	BA	BA		
GS-GE-459	Bioinformatics and Genomic Analysis	3 (D)	T, Th, F	9:00 – 10:00	N311	Worley
GS-GE-463	Special Topics	V	BA	BA		
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/Shroyer
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GE-548	Reading	V	BA	BA		
GS-GE-549	Research Rotation	V	BA	BA		
GS-GE-550	Dissertation	V	BA	BA		

5th Term

GS-GE-435	Special Projects	V	BA	BA		
GS-GE-463	Special Topics	V	BA	BA		
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/Shroyer
GS-GE-548	Reading	V	BA	BA		
GS-GE-549	Research Rotation	V	BA	BA		
GS-GE-550	Dissertation	V	BA	BA		

MOLECULAR PHYSIOLOGY AND BIOPHYSICS – 360

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-PY-415	Cell Physiology	2 (D)	T, Th	4:00 – 5:00	S406	Poché
GS-PY-435	Special Projects	V	BA	BA		Beeton
GS-PY-463	Special Topics	V	BA	BA		
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-PY-548	Reading	V	BA	BA		
GS-PY-549	Research Rotation	V	BA	BA		Beeton
GS-PY-550	Dissertation	V	BA	BA		Beeton

2nd Term

GS-PY-413	Grant Writing Skills	1	F	10:00 – 11:00	S406	Larina/Lagor
GS-PY-430	Human Physiology I	3 (D)	M, W, F	9:00 – 10:00	N317	Horrigan/Poché
GS-PY-435	Special Projects	V	BA	BA		Beeton
GS-PY-463	Special Topics	V	BA	BA		
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-PY-548	Reading	V	BA	BA		
GS-PY-549	Research Rotation	V	BA	BA		Beeton
GS-PY-550	Dissertation	V	BA	BA		Beeton

3rd Term

GS-PY-400	Advanced Topics in Muscle Physiology <i>(Not offered in AY18)</i>	2 (D)	T, Th	9:30 – 10:30	S406	Rodney
GS-PY-431	Human Physiology II	3 (D)	M, W, F	9:00 – 10:00	N317	Horrigan/Poché
GS-PY-435	Special Projects	V	BA	BA		Beeton
GS-PY-463	Special Topics	V	BA	BA		
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-PY-548	Reading	V	BA	BA		
GS-PY-549	Research Rotation	V	BA	BA		Beeton
GS-PY-550	Dissertation	V	BA	BA		Beeton

4th Term

GS-PY-411	Introduction to Animal MRI	2 (D)	9:30 – 11:30	W	N310	Pautler
GS-PY-435	Special Projects	V	BA	BA		Beeton
GS-PY-463	Special Topics	V	BA	BA		
GS-PY-465	Transmembrane Signaling	2 (D)	M, W	1:00 – 2:00	S406	Beeton
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina

GS-PY-548	Reading	V	BA	BA		
GS-PY-549	Research Rotation	V	BA	BA		Beeton
GS-PY-550	Dissertation	V	BA	BA		Beeton

5th Term

GS-PY-435	Special Projects	V	BA	BA		Beeton
GS-PY-463	Special Topics	V	BA	BA		
GS-PY-548	Reading	V	BA	BA		
GS-PY-549	Research Rotation	V	BA	BA		Beeton
GS-PY-550	Dissertation	V	BA	BA		Beeton

MOLECULAR VIROLOGY AND MICROBIOLOGY – 388

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR
1st Term

GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-435	Special Projects	V	BA	BA		
GS-MV-463	Special Topics	V	BA	BA		
GS-MV-548	Reading	V	BA	BA		
GS-MV-549	Research Rotation	V	BA	BA		
GS-MV-550	Dissertation	V	BA	BA		

2nd Term

GS-MV-401	General Virology	4 (D)	T, Th	9:30 – 11:30	N311	Javier
GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-417	Bacterial Structure and Function	3 (D)	M, W, F	9:00 – 10:00	N311	Petrosino
GS-MV-435	Special Projects	V	BA	BA		
GS-MV-463	Special Topics	V	BA	BA		
GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-MV-548	Reading	V	BA	BA		
GS-MV-549	Research Rotation	V	BA	BA		
GS-MV-550	Dissertation	V	BA	BA		

3rd Term

GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-435	Special Projects	V	BA	BA		
GS-MV-463	Special Topics	V	BA	BA		
GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-MV-548	Reading	V	BA	BA		
GS-MV-549	Research Rotation	V	BA	BA		
GS-MV-550	Dissertation	V	BA	BA		

4th Term

GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-413	Concepts in Microbial Pathogenesis <i>Offered in AY18 (even year course)</i>	4 (D)	M, F	9:00 – 11:00	858E	Conner
GS-MV-435	Special Projects	V	BA	BA		
GS-MV-463	Special Topics	V	BA	BA		
GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-MV-548	Reading	V	BA	BA		

GS-MV-549	Research Rotation	V	BA	BA		
GS-MV-550	Dissertation	V	BA	BA		

5th Term

GS-MV-435	Special Projects	V	BA	BA		
GS-MV-463	Special Topics	V	BA	BA		
GS-MV-548	Reading	V	BA	BA		
GS-MV-549	Research Rotation	V	BA	BA		
GS-MV-550	Dissertation	V	BA	BA		

NEUROSCIENCE – 350

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-NE-400	Fundamentals of Human Neuroimaging <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	4 (D)	T, Th	10:50 – 12:05	S104	Ress
GS-NE-435	Special Projects	V	BA	BA		
GS-NE-448	Electrical Signaling in the Brain	3 (D)	M, F W	9:00 – 10:00 10:15 – 11:15	S740	Pfaffinger
GS-NE-449	Neuroscience Lab 1	1	T, Th	9:00 – 12:00	S740	Pfaffinger
GS-NE-459	Brain Cell Biology and Development	3 (D)	M, F W	10:15 – 11:15 1:30 – 2:30	S740	Rasband
GS-NE-463	Special Topics	V	BA	BA		
GS-NE-473	Theoretical Neuroscience: From Cells to Learning Systems <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	4 (D)	T, Th	2:30 – 3:45	Rice – HRG129	Gabbiani
GS-NE-548	Reading	V	BA	BA		
GS-NE-549	Research Rotation	V	BA	BA		
GS-NE-550	Dissertation	V	BA	BA		
2nd Term						
GS-NE-431	Analyses of Neuronal Function	2 (D)	M, W, F	9:00 – 10:00	S740	Xue
GS-NE-447	Preparing for Your Neuroscience Qualifying Exam	1	T, W	4:00 – 5:00	S740	Jankowsky/ Tolias
GS-NE-450	Neuroscience Lab II	1	T	9:00 – 12:00	S740	Ray
GS-NE-471	Anatomy of the Nervous System	2 (D)	Th	9:00 – 12:00	414SA – 415SA	Shine
GS-NE-435	Special Projects	V	BA	BA		
GS-NE-463	Special Topics	V	BA	BA		
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-NE-548	Reading	V	BA	BA		
GS-NE-549	Research Rotation	V	BA	BA		
GS-NE-550	Dissertation	V	BA	BA		
3rd Term						
GS-NE-441	Genetics for Neuroscience	2 (D)	M, W, F	9:00 – 10:00	S740	Parchem
GS-NE-455	Neural Systems I	3 (D)	M, W, F	10:00 – 11:00	S740	Yau
GS-NE-457	Theoretical Neuroscience: Networks and Learning <i>(Register term 3 – course starts term 3 and ends after term 4)</i>	4 (D)	T, Th	2:30 – 3:45	Rice, Duncan Hall 2044	Pitkow

GS-NE-435	Special Projects	V	BA	BA		
GS-NE-463	Special Topics	V	BA	BA		
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-NE-548	Reading	V	BA	BA		
GS-NE-549	Research Rotation	V	BA	BA		
GS-NE-550	Dissertation	V	BA	BA		

4th Term

GS-NE-422	Neurobiology of Disease	2 (D)	T	3:00 – 5:00	S740	Noebels
GS-NE-424	Physiology of the Visual System <i>Not offered in AY18 (odd year course)</i>	3 (D)	W, Th	3:30 – 5:00	S740	Wu
GS-NE-435	Special Projects	V	BA	BA		
GS-NE-456	Neural Systems II	3 (D)	M, W, F	10:00 – 11:00	S740	Sillitoe
GS-NE-462	Concepts of Learning and Memory	3 (D)	M, W, F	9:00 – 10:00	N317 T728,T734 (lab)	Costa-Mattioli/Ji
GS-NE-463	Special Topics	V	BA	BA		
GS-NE-464	Cellular Neurophysiology <i>Offered in AY18 (even year course)</i>	3 (D)	W, Th	3:30 – 5:00	S740	Wu
GS-NE-472	Advanced Functional Magnetic Resonance Imaging Laboratory	2	T	9:30 – noon	CAMRI (S104)	Robinson
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-NE-475	Core Concepts in Computational Neuroscience	1 (D)	Th	10:00 – 11:00	S740	Patel
GS-NE-548	Reading	V	BA	BA		
GS-NE-549	Research Rotation	V	BA	BA		
GS-NE-550	Dissertation	V	BA	BA		

5th Term

GS-NE-435	Special Projects	V	BA	BA		
GS-NE-463	Special Topics	V	BA	BA		
GS-NE-548	Reading	V	BA	BA		
GS-NE-549	Research Rotation	V	BA	BA		
GS-NE-550	Dissertation	V	BA	BA		

PHARMACOLOGY – 370

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-PG-435	Special Projects	V	BA	BA		
GS-PG-463	Special Topics	V	BA	BA		
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PG-548	Reading	V	BA	BA		
GS-PG-549	Research Rotation	V	BA	BA		
GS-PG-550	Dissertation	V	BA	BA		
2nd Term						
GS-PG-435	Special Projects	V	BA	BA		
GS-PG-463	Special Topics	V	BA	BA		
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PG-548	Reading	V	BA	BA		
GS-PG-549	Research Rotation	V	BA	BA		
GS-PG-550	Dissertation	V	BA	BA		
3rd Term						
GS-PG-435	Special Projects	V	BA	BA		
GS-PG-463	Special Topics	V	BA	BA		
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PG-548	Reading	V	BA	BA		
GS-PG-549	Research Rotation	V	BA	BA		
GS-PG-550	Dissertation	V	BA	BA		
4th Term						
GS-PG-426	General Pharmacology	4 (D)	T, Th	10:00 – 12:00	N501	Chan/Palzkill
GS-PG-435	Special Projects	V	BA	BA		
GS-PG-463	Special Topics	V	BA	BA		
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PG-548	Reading	V	BA	BA		
GS-PG-549	Research Rotation	V	BA	BA		
GS-PG-550	Dissertation	V	BA	BA		
5th Term						
GS-PG-414	Drug Discovery: From Bench to Bedside	2 (D)	T	2:00 – 4:00	N501	Song/Wang, Jin
GS-PG-427	Chemical Biology	2 (D)	Th	2:00 – 4:00	N501	Wang, Jin
GS-PG-435	Special Projects	V	BA	BA		
GS-PG-463	Special Topics	V	BA	BA		
GS-PG-548	Reading	V	BA	BA		
GS-PG-549	Research Rotation	V	BA	BA		
GS-PG-550	Dissertation	V	BA	BA		

QUANTITATIVE & COMPUTATIONAL BIOLOGY – 311

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
1st Term						
GS-SB-401	Computational Mathematics for Quantitative Biomedicine <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	8 (D)	T, Th	2:30 – 4:30	N311	Liu
GS-SB-402	Computational Molecular Biophysics and Structural Biology	6 (D)	T, Th	1:00 – 2:15	Rice BRC 286	Ma
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A	Lichtarge/Sucgang
GS-SB-408	Molecular Biophysics: Methods and Principles <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	6 (D)	M, W	10:50 – 11:45	Rice Herman Brown Hall Room 22	Wensel
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:00	N202	Milosavljevic
GS-SB-435	Special Projects	V	BA	BA		
GS-SB-463	Special Topics	V	BA	BA		
GS-SB-548	Reading	V	BA	BA		
GS-SB-549	Research Rotation	V	BA	BA		
GS-SB-550	Dissertation	V	BA	BA		
2nd Term						
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	301A and M323	Lichtarge/Sucgang
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:00	N202	Milosavljevic
GS-SB-435	Special Projects	V	BA	BA		
GS-SB-463	Special Topics	V	BA	BA		
GS-SB-548	Reading	V	BA	BA		
GS-SB-549	Research Rotation	V	BA	BA		
GS-SB-550	Dissertation	V	BA	BA		
3rd Term						
GS-SB-406	Practical Introduction to Programming for Scientists	3 (D)	M, F	9:00 – 10:30	N315	Ludtke
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A	Lichtarge/Sucgang
GS-SB-435	Special Projects	V	BA	BA		
GS-SB-463	Special Topics	V	BA	BA		
GS-SB-548	Reading	V	BA	BA		

GS-SB-549	Research Rotation	V	BA	BA		
GS-SB-550	Dissertation	V	BA	BA		

4th Term

GS-SB-403	Advanced X-ray Crystallography Offered in AY18 (even year course)	3 (D)	M, W, F	2:00 – 4:00	N302	Tsai
GS-SB-405	Computer-Aided Discovery Methods	3 (D)	W, F	10:00 – 12:00	N311	Milosavljevic
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A	Lichtarge/Sucgang
GS-SB-410	<i>Electron Cryomicroscopy for Molecules and Cells</i> Not offered in AY18 (odd year course)	2	Th	9:00 – 10:30	N420	TBA
GS-SB-423	Structural Basis of Human Disease	1	Th	12:00 – 1:15	N317	Prasad
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:30	N202	Milosavljevic
GS-SB-435	Special Projects	V	BA	BA		
GS-SB-463	Special Topics	V	BA	BA		
GS-SB-548	Reading	V	BA	BA		
GS-SB-549	Research Rotation	V	BA	BA		
GS-SB-550	Dissertation	V	BA	BA		

5th Term

GS-SB-435	Special Projects	V	BA	BA		
GS-SB-463	Special Topics	V	BA	BA		
GS-SB-548	Reading	V	BA	BA		
GS-SB-549	Research Rotation	V	BA	BA		
GS-SB-550	Dissertation	V	BA	BA		

TRANSLATIONAL BIOLOGY & MOLECULAR MEDICINE – 805

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

1st Term

GS-TB-435	Special Projects	V	BA	BA		
GS-TB-436	Special Projects Clinical	3	BA	BA		
GS-TB-463	Special Topics	V	BA	BA		
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigén
GS-TB-548	Reading	V	BA	BA		
GS-TB-549	Research Rotation	V	BA	BA		
GS-TB-550	Dissertation	V	BA	BA		

2nd Term

GS-TB-405	Translational Breast Cancer Research	2 (D)	M, W	2:00 – 3:00	N311	Fuqua
GS-TB-435	Special Projects	V	BA	BA		
GS-TB-436	Special Projects Clinical	3	BA	BA		
GS-TB-463	Special Topics	V	BA	BA		
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigén
GS-TB-467	Seminar in TBMM	1	T	4:00 – 5:00	N315	Thevananther
GS-TB-548	Reading	V	BA	BA		
GS-TB-549	Research Rotation	V	BA	BA		
GS-TB-550	Dissertation	V	BA	BA		

3rd Term

GS-TB-407	Introduction to Leadership Skills	1	M, Th	12:00 – 1:00	N317	Fuqua
GS-TB-409	Method & Logic in Translational Biology	2 (D)	F	2:30 – 4:30	3 rooms N311, N304 & N310	Savidge
GS-TB-410	Fundamentals of Epidemiology	2 (D)	Th	10:00 – 12:00	N202	Scheurer
GS-TB-411	Introduction to Pharmacoepidemiology and Pharmacogenetics <i>Offered in AY18 (even year course)</i>	1	Th	2:00 – 3:00	R508	Scheurer/Bernhardt
GS-TB-435	Special Projects	V	BA	BA		
GS-TB-436	Special Projects Clinical	3	BA	BA		
GS-TB-463	Special Topics	V	BA	BA		
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigén
GS-TB-467	Seminar in TBMM	1	T	4:00 – 5:00	N315	Thevananther
GS-TB-548	Reading	V	BA	BA		
GS-TB-549	Research Rotation	V	BA	BA		
GS-TB-550	Dissertation	V	BA	BA		

4th Term

GS-TB-402	Pathophysiology & Mechanisms of Human Disease	2 (D)	T, Th	11:00 – 12:00	N311	Yen/Lacorazza
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GS-TB-435	Special Projects	V	BA	BA		
GS-TB-436	Special Projects Clinical	3	BA	BA		
GS-TB-463	Special Topics	V	BA	BA		
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen
GS-TB-467	Seminar in TBMM	1	T	4:00 – 5:00	N315	Thevananther
GS-TB-548	Reading	V	BA	BA		
GS-TB-549	Research Rotation	V	BA	BA		
GS-TB-550	Dissertation	V	BA	BA		

5th Term

GS-TB-401	Animal Models of Human Disease	2 (D)	M, W, F	10:00 – 11:00	N317	Buckmaster
GS-TB-408	Ethics, Conduct and Practical Aspects of Clinical Research	2 (D)	Th	2:30 – 4:30	N311	Suter
GS-TB-435	Special Projects	V	BA	BA		
GS-TB-436	Special Projects Clinical	3	BA	BA		
GS-TB-463	Special Topics	V	BA	BA		
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen
GS-TB-548	Reading	V	BA	BA		
GS-TB-549	Research Rotation	V	BA	BA		
GS-TB-550	Dissertation	V	BA	BA		

TROPICAL MEDICINE

CRS NO COURSE TITLE CR HRS DAY TIME BLDG/RM INSTRUCTOR

2nd Term

GS-TM-466	Seminar in Tropical Medicine	1	Th	5:30 – 7:00	Rice	Hotez
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3rd Term

GS-TM-400	Epidemiology, Public Health and Health Systems	4	Course offered online in March			Murray/Woc-Colburn
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Classes by Term

Classes by Term—does not include seminars, research rotations, journal clubs, literature reports, special projects, special topics or dissertation. Please check your program listing for the correct course number when registering for the above mentioned courses.

FIRST TERM

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
GS-BC-400	Thinking Like a Scientist <i>First year BC students only</i>	1	T	11:00 – 1:00	350A	Sokac
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-CB-466	Seminar in Cell Biology	1	T	12:00 – 1:00	N601 and 116C	Foulds
GS-CT-400	Fundamentals of Clinical Investigation	3 (D)	M, T, W, Th	5:30 – 7:30	M112	Kheradmand
GS-CT-403	CICS I: Grant Development for Clinical Investigators	2 (D)	T, Th	4:00 – 5:30	R608	Balasubramanyam
GS-CT-409	Responsible Conduct of Research for Clinical Investigators	1	M, T, W, Th	5:30 – 7:30	M112	Gramatges
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-DB-402	Classical Developmental Biology	2 (D)	T, Th	9:00 – 10:30	N302	Lewis/Poché
GS-GE-402	Introduction to Data Mining	2 (D)	M, T, W, F	10:00 – 12:00	N315	Shaulsky
GS-GE-419	Clinical Genetics	1 (D)	F	12:00 – 2:00	R808	Scott
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GS-501	Organization of the Cell	2 (D)	M, W, F	2:30 – 3:30	N315	Sifers/Bissig
GS-GS-502	Molecular Methods	3 (D)	M, W, F	1:15 – 2:15	N315	Weigel
GS-GS-503	Genetics A	2 (D)	T, Th	1:15 – 2:15	N315	Herman/Dierick
GS-GS-528	Responsible Conduct of Research – Year 1	1	W	9:00 – 10:00	N315	Bertuch
GS-IM-400	Logic and Presentation of Problem-Solving Science	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	187A	Diehl
GS-IM-446	Immunology Journal Club	1	T	9:00 – 10:00	N901	Chen
GS-MB-401	IMBS Director's Course	1	M, F	10:30 – 12:00	N311	Pereira
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-NE-400	Fundamentals of Human Neuroimaging <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	4 (D)	T, Th	10:50 – 12:05	S104	Ress
GS-NE-448	Electrical Signaling in the Brain	3 (D)	M, F W	9:00 – 10:00 10:15 – 11:15	S740	Pfaffinger
GS-NE-449	Neuroscience Lab 1	1	T, Th	9:00 – 12:00	S740	Pfaffinger
GS-NE-459	Brain Cell Biology and Development	3 (D)	M, F W	10:15 – 11:15 1:30 – 2:30	S740	Rasband
GS-NE-473	Theoretical Neuroscience: From Cells to Learning Systems <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	4 (D)	T, Th	2:30 – 3:45	Rice – HRG129	Gabbiani

GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PY-415	Cell Physiology	2 (D)	T, Th	4:00 – 5:00	S406	Poché
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-SB-401	Computational Mathematics for Quantitative Biomedicine <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	8 (D)	T, Th	2:30 – 4:30	N311	Liu
GS-SB-402	Computational Molecular Biophysics and Structural Biology	6 (D)	T, Th	1:00 – 2:15	Rice BRC 286	Ma
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A & N315	Lichtarge/Sucgang
GS-SB-408	Molecular Biophysics: Methods and Principles <i>(Register term 1 – course starts term 1 and ends after term 2)</i>	6 (D)	M, W	10:50 – 11:45	Rice Herman Brown Hall Room 22	Wensel
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:00	N202	Milosavljevic
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen

SECOND TERM

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
GS-BC-407	Thinking Like a Scientist-Term 2 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Sokac/Golding
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-CB-425	Cellular Signaling	3 (D)	M, W, F	10:00 – 11:00	116C	Weigel
GS-CT-404	CICS II: Clinical Trials for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Kheradmand
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-DB-400	Preparing for Your Developmental Biology Qualifying Exam	1	T, Th	4:30 – 6:00	NRI 13 th Floor Conference Room	Samuel/Arenkiel
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GS-504	Genetics B	2 (D)	T, Th	1:15 – 2:15	N315	Zhou
GS-GS-505	Cell Division	2 (D)	M, W, F	1:15 – 2:15	N315	Ira/Chang
GS-GS-506	Development	2 (D)	M, W, F	2:30 – 3:30	N315	Groves
GS-GS-508	Cancer	1 (D)	M, F	1:15 – 2:15	N315	Pangas
GS-GS-523	Method and Logic in Molecular Biology	3 (D)	T, Th	10:00 – 12:00	N302, N304, N317, M303, M305	Mardon/ Shroyer/Suter
GS-GS-527	ABC – Applications to Biology of Computation	2 (D)	T, Th	9:00 – 10:00	N315	Lichtarge/ Milosavljevic
GS-GS-529	Responsible Conduct of Research – Year 2	.50	W	9:00 – 10:00	N315	Bertuch
GS-IM-401	Logic and Rhetoric of Writing Science	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-423	Immunology	3 (D)	M, W, F	10:00 – 11:00	N311	Levitt
GS-IM-446	Immunology Journal Club	1	T	9:00 – 10:00	N901	Chen
GS-MB-401	IMBS Director's Course	1	M F	11:30-1:00	N317	Pereira
GS-MB-431	Translational Cancer Biology	2 (D)	F	1:00 – 3:00	N311	Yustein
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MV-401	General Virology	4 (D)	T, Th	9:30 – 11:30	N311	Javier
GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-417	Bacterial Structure and Function	3 (D)	M, W, F	9:00 – 10:00	N311	Petrosino
GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-NE-431	Analyses of Neuronal Function	2 (D)	M, W, F	9:00 – 10:00	S740	Xue
GS-NE-447	Preparing for Your	1	T, W	4:00 – 5:00	S740	Jankowsky/

	Neuroscience Qualifying Exam					K. Tolia
GS-NE-450	Neuroscience Lab II	1	T	9:00 – 12:00	S740	Ray
GS-NE-471	Anatomy of the Nervous System	2 (D)	Th	9:00 -12:00	414SA – 415SA	Shine
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PY-413	Grant Writing Skills	1	F	10:00 – 11:00	S406	Larina / Lagor
GS-PY-430	Human Physiology I	3 (D)	M, W, F	9:00 – 10:00	N317	Horrigan
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 13:00	409B	Larina
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:00	N202	Milosavljevic
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	301A and M323	Lichtarge/Sucgang
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:00	N202	Milosavljevic
GS-TB-405	Translational Breast Cancer Research	2 (D)	M, W	2:00 – 3:00	N311	Fuqua
GS-TB-410	Fundamentals of Epidemiology	2 (D)	Th	10:00 – 12:00	N202	Scheurer
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen

THIRD TERM

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
GS-BC-408	Thinking Like a Scientist-Term 3 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Young /Zhou
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-CB-400	Explorative Data Analysis	2 (D)	M, F	11:00 – 12:30	M616	Lanz
GS-CB-426	Integrated Microscopy	2 (D)	Th (lecture) Th (lab)	1:00 – 2:00 2:00 – 5:00	116C (lecture) 122A, 123A, 125A (lab)	Mancini/Stossi
GS-CS-466	Seminar in Cardiovascular Sciences <i>Not offered in AY18</i>	1	T	3:30 – 4:30	409B	Marrelli
GS-CT-405	CICS III: Translational Research for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Vallejo
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-DB-422	Evolutionary Conservation of Developmental Mechanisms	2 (D)	T, W, Th	11:00 – 12:30	N302	Groves
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-GE-421	Mammalian Genetics	2 (D)	T, Th	10:45 – 11:45	N317	Jafar-Nejad/Heaney
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/ Shroyer
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GS-509	Gene Regulation	3 (D)	M, W, F	1:15 – 2:15	N315	Cooper
GS-GS-511	Neuroscience	1 (D)	T, Th	2:30 – 3:30	N315	Ray
GS-GS-512	Immunology	1 (D)	T, Th	2:30 – 3:30	N315	Levitt
GS-GS-518	Macromolecules: Structure and Interactions	3 (D)	M, W, F	2:30 – 3:30	N315	Prasad/Zhou
GS-GS-530	Responsible Conduct of Research – Year 3	0.5	T	9:00 – 10:00	N315	Bertuch
GS-GS-531	Responsible Conduct of Research – Year 4	0.5	Th	9:00 – 10:00	N315	Bertuch
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-425	Regulation of Immune Responses	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-MB-401	IMBS Director's Course	1	M W F	10:30 – 12:00 3:30 – 5:00 9:30 – 11:00	N311	Pereira
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso

GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-NE-441	Genetics for Neuroscience	2 (D)	M, W, F	9:00 – 10:00	S740	Parchem
GS-NE-457	Theoretical Neuroscience: Networks and Learning <i>(Register term 3 – course starts term 3 and ends after term 4)</i>	4 (D)	T, Th	2:30 – 3:45	Rice, Duncan Hall 2044	Pitkow
GS-NE-455	Neural Systems I	3 (D)	M, W, F	10:00 – 11:00	S740	Yau
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PY-400	<i>Advanced Topics in Muscle Physiology</i> <i>Not offered in AY18</i>	2 (D)	T, Th	9:30 – 10:30	S406	Rodney
GS-PY-431	Human Physiology II	3 (D)	M, W, F	9:00 – 10:00	N317	Horrigan/Poché
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-SB-406	Practical Introduction to Programming for Scientists	3 (D)	M, F	9:00 – 10:30	N315	Ludtke
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A	Lichtarge/Sucgang
GS-TB-407	Introduction to Leadership Skills	1	M, Th	12:00 – 1:00	N317	Fuqua
GS-TB-409	Method & Logic in Translational Biology	2 (D)	F	2:30 – 4:30	3 rooms N311, N304 & N310	Savidge
GS-TB-411	Introduction to Pharmacoepidemiology and Pharmacogenetics <i>Offered in AY18</i> <i>(even year course)</i>	1	Th	10:00 – 11:00	R508	Scheurer/Bernhardt
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen

FOURTH TERM

CRS NO	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
GS-BC-409	Thinking Like a Scientist-Term 4 <i>First year BC students only</i>	2 (D)	T	11:00 – 1:00	350A	Wensel
GS-BC-466	Seminar in Biochemistry	1	M	4:00 – 5:00	301A	Prasad
GS-CB-406	Reproductive Biology	3(D)	M, W, F	10:00 – 11:00	116C	Richards/Pangas
GS-CB-457	Introduction to Molecular Carcinogenesis	3 (D)	M, W, F	11:00 – 12:00	N317	Li, Y.
GS-CB-461	Cells, Tissues and Organs	2 (D)	Th	3:00 – 4:00 pm (lab) 4:00 – 5:00 pm (lecture)	213B (lab) N317 (lecture)	Rowley/Phung
GS-CB-466	Seminar in Cell Biology	1	T	12:00 – 1:00	N601 and 116C	Foulds
GS-CB-468	Regulation of Energy Homeostasis	2 (D)	M, W	12:00 – 1:00	N311	Moses/Moore
GS-CS-411	Cardiovascular Physiology	4 (D)	M, T, W, Th	9:00 – 10:00	409B	Wehrens/Li
<i>GS-CS-466</i>	<i>Seminar in Cardiovascular Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>T</i>	<i>3:30 – 4:30</i>	<i>409B</i>	<i>Marrelli</i>
GS-CT-406	CICS IV: Health Services Research for Clinical Investigators	3 (D)	T, Th	4:00 – 5:30	R608	Pereira
<i>GS-CT-408</i>	<i>Development and Commercialization of Biomedical Innovations</i> <i>Not offered in AY18</i>	<i>1 (D)</i>	<i>W</i>	<i>4:00 – 5:00</i>	<i>R608</i>	<i>Balasubramanyam/</i>
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-DB-403	Neural Development	3 (D)	M, W, F	10:00 – 11:30	N304	Arenkiel/Sillitoe
GS-DB-404	Genetics and Genomics in Vision Research <i>Offered in AY18 (even year course)</i>	1 (D)	M, W	1:00 – 2:00	N302	Mardon
GS-DB-425	Topics in Development	3 (D)	T, Th	2:00 – 3:30	N304	Nakada/Wythe
GS-DB-466	Seminar in Developmental Biology	1	M	5:00 – 6:15	N311	Groves
GS-GE-403	Gene and Cell Therapy	2 (D)	T, Th	10:30 – 11:30	N315	Ng
GS-GE-411	Human Genetics	3 (D)	M, W, F	1:00 – 2:00	201A	Scott
GS-GE-423	Genetic	1(D)	Th	9:00 – 10:00	N315	Lupo/Scheurer

	Epidemiology and Population Genetics					
GS-GE-425	Introduction to Medical Genetics	3 (D)	T, Th	10:00 – 11:30	201A	Sardiello
GS-GE-459	Bioinformatics and Genomic Analysis	3 (D)	T, Th, F	9:00 – 10:00	N311	Worley
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/Shroyer
GS-GE-468	Student Research Seminar	1	W	3:30 – 5:00	301A	Herman/Dierick
GS-GS-519	Introduction to Scientific Writing	1	M, Th	9:00 – 10:00	N311	Marriott
GS-GS-522	Research Design	3 (D)	T	12:30 – 3:30	N310, N311, N317	Prasad
GS-GS-525	Introduction to Intellectual Property	1	T, Th	9:00 – 10:00	N317	Turley
GS-IM-402	Logic and Rhetoric of Writing Proposals	1	W	11:00 – 12:00	N901	Rodgers
GS-IM-407	Seminars in Immunology Research	1	T	4:00 – 5:30	M112	Diehl
GS-IM-428	Molecular Immunology	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-MB-401	IMBS Director's Course	1	M F	12:00 – 1:30 3:30 – 5:00	N317 N311/N317	Pereira
GS-MB-430	Biology of Aging & Age Related Diseases	3 (D)	T, Th	10:30 – 12:00	N317	Pereira
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-MV-410	Literature Reports in Molecular Virology & Microbiology	1	F	12:00 – 1:00	201A	Maresso
GS-MV-413	Concepts in Microbial Pathogenesis <i>Offered in AY18 (even year course)</i>	4 (D)	M, F	9:00 – 11:00	858E	Conner
GS-MV-466	Seminar in Molecular Virology & Microbiology	1	Th	12:00 – 1:00	N315	Ramig
GS-NE-422	Neurobiology of Disease	2 (D)	T	3:00 – 5:00	S740	Noebels
GS-NE-424	Physiology of the Visual System <i>Not offered in AY18 (odd year course)</i>	3 (D)	W, Th	3:30 – 5:00	S740	Wu
GS-NE-456	Neural Systems II	3 (D)	M, W, F	10:00 – 11:00	S740	Sillitoe
GS-NE-462	Concepts of Learning and Memory	3 (D)	M, W, F	9:00 – 10:00	N317 T728, T734 (lab)	Costa-Mattioli/Ji
GS-NE-464	Cellular	3 (D)	W, Th	3:30 – 5:00	S740	Wu

	Neurophysiology <i>Offered in AY18 (even year course)</i>					
GS-NE-472	Advanced Functional Magnetic Resonance Imaging Laboratory	2	T	9:30 – noon	CAMRI (S104)	Robinson
GS-NE-474	Seminar Journal Club in Neuroscience	1	W	12:00 – 1:00	S740	Medina/Chin
GS-NE-475	Core Concepts in Computational Neuroscience	1 (D)	Th	10:00 – 12:00	S740	Patel
GS-PG-466	Seminar in Pharmacology	1	M	12:00 – 1:00	TBA	Kim
GS-PY-411	Introduction to Animal MRI	2 (D)	W	9:30 – 11:30	N310	Pautler
GS-PY-465	Transmembrane Signaling	2 (D)	M, W	1:00 – 2:00	S406	Beeton
GS-PY-466	Seminar in Molecular Physiology & Biophysics	1	T, Th	11:00 – 12:00	409B	Larina
GS-PG-426	General Pharmacology	4 (D)	T, Th	10:00 – 12:00	N501	Chan/Palzkill
GS-SB-403	Advanced X-ray Crystallography <i>Offered in AY18 (even year course)</i>	3 (D)	M, W, F	2:00 – 4:00	N302	Tsai
GS-SB-405	Computer-Aided Discovery Methods	3 (D)	W, F	10:00 – 12:00	N311	Milosavljevic
GS-SB-407	Current Topics in Computational Biomedicine	1	W	12:00 – 1:00	201A	Lichtarge/Sucgang
<i>GS-SB-410</i>	<i>Electron Cryomicroscopy for Molecules and Cells Not offered in AY18 (odd year course)</i>	<i>2</i>	<i>Th</i>	<i>9:00 – 10:30</i>	<i>N420</i>	<i>TBA</i>
GS-SB-423	Structural Basis of Human Disease	1	Th	12:00 – 1:15	N317	Prasad
GS-SB-430	Advanced Topics in Structural & Computational Biology	1	F	12:00 – 1:30	N202	Milosavljevic
GS-TB-402	Pathophysiology & Mechanisms of Human Disease	2 (D)	T, Th	11:00 – 12:00	N311	Yen/Lacorazza
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen

FIFTH TERM

CRS NO 5 th Term	COURSE TITLE	CR HRS	DAY	TIME	BLDG/RM	INSTRUCTOR
GS-CB-465	Introduction to Research and Research Proposals <i>First-year MCB students only</i>	1	M, W, F	10:30 – 11:30	116C	Lydon
GS-CS-412	Cardiovascular Disease and Pathology	4 (D)	M, T, W, Th	9:00 – 10:00	409B	Martin/Wang, Jun
<i>GS-CS-466</i>	<i>Seminar in Cardiovascular Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>T</i>	<i>3:30 – 4:30</i>	<i>409B</i>	<i>Marrelli</i>
GS-CT-407	CICS V: Evaluating a Completed Career Development Grant	2 (D)	T, Th	4:00 – 5:30	R608	Pereira
<i>GS-CT-466</i>	<i>Seminar in Clinical Sciences</i> <i>Not offered in AY18</i>	<i>1</i>	<i>W</i>	<i>4:00 – 6:00</i>	<i>CNRC 2002</i>	<i>Balasubramanyam</i>
GS-GE-466	Seminar in Molecular & Human Genetics	1	T	3:45 – 5:00	N311 and N317	Jafar-Nejad/Shroyer
GS-IM-405	Clinical Aspects of Immunology	3 (D)	T, Th	10:15 – 11:45	N901	Cook
GS-IM-446	Immunology Journal Club	1	W	9:00 – 10:00	N901	Chen
GS-MB-466	Seminar in Cell and Molecular Biology	1	M	4:00 – 5:00	N315	Neilson
GS-PG-414	Drug Discovery: From Bench to Bedside	2 (D)	T	2:00 – 4:00	N501	Song/Wang, Jin
GS-PG-427	Chemical Biology	2 (D)	Th	2:00 – 4:00	N501	Wang, Jin
GS-TB-401	Animal Models of Human Disease	2 (D)	M, W, F	10:00 – 11:00	N317	Buckmaster
GS-TB-408	Ethics, Conduct and Practical Aspects of Clinical Research	2 (D)	Th	2:30 – 4:30	N311	Suter
GS-TB-466	TBMM Bench to Bedside	1	F	12:00 – 1:00	N311	Craigen