

FALL 2015 MASTERS, CERTIFICATE & NON-MATRICULATED COURSE SCHEDULE

Graduate School of Biomedical Sciences

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or Respective Instructors for up to date information.

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Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Days offered	Start Date	End Date	Time	Location
<u>CBMM</u> <u>N5001</u>	<u>Basic Histology</u>	Dr. Grace Pinhal-Enfield pinhalgr@njms.rutgers.edu 732-742-8656	Enrollment limit 30. Open to Masters and PhD students. Masters students need permission of Course Director via email. PhD needs permission of Program/Track Director before seeking permission of Course Director via email. (See below for required text).	3	N	Thursday	08/27/15	12/10/15	5.30 PM - 8.30 PM	Lecture Hall: MSB B-610 Lab: MSB B-516/542
CBMM 5002Q	Practical Approaches for Studying Protein Function	Dr. Maha Abdellatif abdellma@njms.rutgers.edu 973-972-1254 Dr. Danish Sayed sayeddh@njms.rutgers.edu 973-972-1208	Graduate level Molecular Biology or equivalent.	2	N	Wednesday	09/09/15	12/09/15	2.00 PM - 4.00 PM	MSB G-609B
<u>CBMM</u> <u>5350Q</u>	<u>Molecular Medicine of the Heart</u>	Dr. Gopal Babu babugo@njms.rutgers.edu 973-972-5376	Open to Masters and PhD students. Permission of Course Director. (See below for required text).	3	N	Tuesday	09/08/15	12/15/15	9:30 AM - 12:30 PM	MSB B-619 <i>*Note: Class in MSB B-610 on 09/08</i>
<u>CBNP</u> <u>5032Q</u>	<u>Behavioral and Cognitive Neuroscience</u>	Dr. Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682 Dr. Kevin Pang Kevin.Pang@va.gov 973 676 1000 x1277	Previous course in Neuroscience.	2	N	Tuesday & Wednesday	10/20/15	12/16/15	5.00 PM - 7.00 PM	MSB I-609
<u>CBNP</u> <u>5150Q</u>	<u>Cellular & Developmental Neuroscience</u>	Dr. Teresa Wood woodte@njms.rutgers.edu 973-972-6529 Dr. Steve Levison levisosw@njms.rutgers.edu 973-972-5162	Open to Masters and PhD students. Permission of Course Director. (See below for required text).	2	N	Tuesday Wednesday Friday	10/23/15	12/18/15	3.00 PM - 5.00 PM 1.00 PM - 3.00 PM 1.00 PM - 3.00 PM	Cancer Center H-1196

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CBNP 5165Q	Foundations of Integrative Human Physiology	Dr. Jorge Serrador jorge.serrador@rutgers.edu 973-676-1000 x28057 Dr. Michael Falvo michael.falvo@va.gov 973-676-1000 x12423	Open to Masters and PhD students. Physiology course or permission of course director.	2	N	Tuesday	10/20/15	12/16/15	3.00 PM - 5.00 PM	Cancer Center G-1196 <i>*Note: Class in CC F-1196 on 10/27, 11/10, 12/08</i>
						Wednesday			1.00 PM - 3.00 PM	
DENT 5145Q	Introduction to Structural Biology	Dr. N. Ramasubbu ramasun1@sdm.rutgers.edu 973-972-0704	Open to Masters and PhD students.	1	N	Wednesday	08/26/15	12/16/15	10.00 AM - 11.00 AM	Dental School D-986 <i>*Note: Class held in DS D-987 on 08/26/15</i>
DENT 5220Q	Methods in Microscopic Imaging	Dr. Kabilan Velliyagounder velliya@sdm.rutgers.edu 973-972-5051	Enrollment Limit 12. Open to Masters and PhD students.	2	N	Wednesday	09/02/15	12/23/15	1.00 PM - 3.00 PM	TBD
DENT 7106Q	Dental Histology	Dr. Joseph Rinaggio rinaggio@sdm.rutgers.edu 973-972-8909	Enrollment limit 15. For approval, contact Dr. Vincent Tsiagbe at tsiagbvk@sdm.rutgers.edu or 973-972-2612. (See below for required text).	5	N	Monday	08/24/15	12/11/15	10.00 AM - 11.50 AM	Oral Health Pavilion B-961
						Wednesday			9.00 AM - 10.50 PM	
						Friday			1.00 PM - 2.50 PM	
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4367	Open to Masters and PhD students.	3	N	Tuesday	09/01/15	12/15/15	5.00 PM - 7.40 PM	ICPH Auditorium
GSND 5207Q	Infection & Host Response	Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323	Open to Masters students only. For approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu. (See below for required text).	6	N	Monday, Tuesday, Wednesday, Thursday, and Friday	08/10/15	10/09/15	9:00 AM - 3:00 PM	MSB B-552
GSND 5235Q	Principles of Clinical and Translational Research in Oncology	Dr. Robert Wieder wiederro@njms.rutgers.edu 973-972-3558	Open to Master's and PhD students. Enrollment limit 50. (See below for suggested text).	2	N	Monday	09/07/15	12/07/15	6.00 PM - 8.15 PM	Cancer Center G-1196
GSND 5300Q	Independent Study in Biomedical Sciences	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Permission of Course Director.	1-4	S/U	By Arrangement				

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GSND 5325Q	Introduction to Bio-Medical Ethics	Dr. Michael E. Shapiro Mes362@njms.rutgers.edu 973-972-6639	Open to Masters & PhD students. Enrollment limit 30.	2	N	Thursday	09/10/15	12/17/15	10.00 AM - 12.00 PM	MSB B-609 B+C
GSND 5501Q	Medical Biochemistry & Genetics	Dr. M. Zafri Humayun humayun@njms.rutgers.edu 973-972-6396 Dr. Krista Blackwell blackwkn@njms.rutgers.edu 973-972-2863	Open to Masters student only. For approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu . (See below for required text).	5	N	Monday, Tuesday, Wednesday, Thursday, and Friday	08/10/15	09/21/15	9.00 AM - 3.00 PM	MSB B-556
GSND 5505Q	Intro to Physiology, Pharmacology & Epidemiology	Dr. Krista Blackwell blackwkn@njms.rutgers.edu 973-972-2863	Open to Masters student only. For approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu . (See below for required text).	4	N	Monday, Tuesday, Wednesday, Thursday, and Friday	09/22/15	10/23/15	9.00 AM - 3.00 PM	MSB B-556
GSND 5510Q	Medical Hematology/Oncology & Immunology	Dr. Ian Whitehead whiteip@njms.rutgers.edu 973-972-5215 Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323	Open to Masters student only. For approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu . (See below for required text).	4	N	Monday, Tuesday, Wednesday, Thursday, and Friday	10/26/15	11/24/15	9.00 AM - 3.00 PM	MSB B-556
GSND 5515Q	Infectious Disease	Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323 Dr. Ian Whitehead whiteip@njms.rutgers.edu 973-972-5215	Open to Masters student only. For approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu . (See below for required text).	5	N	Monday, Tuesday, Wednesday, Thursday, and Friday	11/30/15	1/22/16	9.00 AM - 3.00 PM	MSB B-556
GSND N500A	Fundamentals of Biomedical Sciences (Part A)	Dr. Michael Lea lea@njms.rutgers.edu 973-972-5345 Dr. Richard Howells howells@njms.rutgers.edu 973-972-5652	Open to Masters students only.	3	N	Tuesday	09/08/15	12/08/15	6.00 PM - 9:00 PM	MSB B-556

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MBGC 5075Q	Cell Death	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Open to Masters and PhD students. (See below for required text).	2	N	Monday and Thursday	10/19/15	12/21/15	6.00 PM - 8.00 PM	MSB B-554 <i>*Note: Lectures in MSB C-600 on 10/26 and 12/14</i>
MSBS 5000Q	Masters Thesis Research	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Masters students completing Thesis	5	S/U	By Arrangement				
MSBS 5120Q	Pharmaceutical Internship	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Completion of 15 credits. Permission of Course Director.	2-3	S/U	By Arrangement				
MSBS 5125Q	Teacher Training Internship	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Permission of Course Director	1-3	S/U	By Arrangement				
MSBS 5130Q	Stem Cell Biology & Applications in Molecular Medicine	Dr. Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-4913	Open to Masters and PhD students.	3	N	Monday	08/24/15	11/30/15	6.00 PM - 9.00 PM	MSB B-610
MSBS 520AQ	Advanced Stem Cell Seminar	Dr. Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-4913	MSBS 5130Q or concurrent registration. Open to Masters and PhD students.	2	N	Wednesday	08/26/15	11/18/15	6.00 PM - 8.00 PM	MSB B-552
MSBS 5910Q	Seminar in Biomedical Sciences	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Open to Masters students only.	1	N	Tuesday	09/08/15	12/15/15	4.30 PM - 5.45 PM	MSB B-556
MSBS 593AQ	Research in Biomedical Sciences	Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323	Use this course # for the first rotation.	2	N	By Arrangement				
MSBS 593BQ	Research in Biomedical Sciences	Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323	Use this course # for the second rotation. Permission of the Course Director .	2	S/U	By Arrangement				

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MSBS 7000Q	Masters Thesis Continuation	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Prior registration for MSBS 5000Q. Thesis not yet completed. MS Thesis Continuation Registration form is required. Permission of Course Director.	1-8	S/U	By Arrangement				
NEUR 5200Q	Fundamentals of Neuroscience	Dr. Steve Levison levisosw@njms.rutgers.edu 973-972-5162 Dr. Kevin Pang Kevin.Pang@va.gov 973 676 1000 x1277	Open to Masters and PhD students. (See below for required text).	3	N	Thursday	08/27/15	12/17/15	5.00 PM - 8.00 PM	MSB B-556 *Note: MSB B-518/544 for 08/27 and 09/03
PATH 5010Q	General Pathology	Dr. George Studzinski studzins@njms.rutgers.edu 973-972-5869	Knowledge of anatomy and biochemistry to be determined by Course Director or designee. Enrollment limit 30. Open to Masters and PhD students. (See below for required text).	2	N	Monday, Wednesday, and Friday	09/02/15	10/16/15	12.00 PM - 2.00 PM	MSB C-555
PATH 5100Q	Cellular Pathology	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Open to Masters and PhD students. (See below for required text).	2	N	Monday and Thursday	10/19/15	12/17/15	4.00 PM - 6.00 PM	MSB B-554 *Note: Lectures in MSB B-552 on 11/23, 11/30, 12/03, 12/07, and 12/10
PATH 511AQ	Immunology A	Dr. Patricia Fitzgerald-Bocarsly bocarsly@rutgers.edu 973-972-5233	Open to Masters students only. (See below for required text).	2	N	Monday and Wednesday	10/19/15	12/18/15	4.30 PM - 6.00 PM	MSB C-600
PATH N5209	The Business of Science: Drug Development - From Molecules to Medicines	Dr. Nicholas Ponzio ponzio@njms.rutgers.edu 973-972-5238	Open to Masters and PhD. Introductory level courses in Biology and Chemistry. Enrollment limit of 20. Permission of Course Director via e-mail. CANCELLED.	3	N	Wednesday	09/02/15	12/23/15	5:30 PM - 9:00 PM	MSB C-555

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<u>PHPY N5021</u>	<u>Fundamentals of Pharmacology</u>	Dr. Martha Nowycky nowyckmc@njms.rutgers.edu 973-972-4391	Open to Masters and PhD students.	3	N	Monday	09/14/15	12/14/15	6.00 PM - 9.00 PM	MSB B-552
<u>PHPY N5225</u>	<u>Principles of Toxicology</u>	Dr. Ramez Labib ramez.labib@avon.com Dr. Thomas Visalli tvis624@yahoo.com 201-949-4833	Open to Masters and PhD students.	3	N	Thursday	09/10/15	12/10/15	6.00 PM - 9.00 PM	MSB B-552

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION.

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leebea@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms are required after online registration has ended.

Last Update:10/21/15 BS

Required Text

CBMM 5350Q	Molecular Medicine of the Heart	Physiology of the heart (fifth edition) by Arnold M. Katz
CBMM N5001	Basic Histology	Ovalle WK and Nahirney PC. (2013) Netter's Essential Histology, 2nd edition, Saunders, Elsevier. ISBN 978-1455706310 NOTE: 1st or 2nd edition can be used

