

FALL 2013 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.

Please note that it is the responsibility of the student to contact the respective instructor for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

Additional courses located on the PhD course schedule may be available with the permission of the Course Director.

Course #	Title	Course Director	Prerequisites	Credits	Mode	Days offered	Start Date	End Date	Time	Location
BIOC 5285Q	Enzyme Inhibitor in Drug Discovery	Dr. Suriender Kumar kumarsu@njms.rutgers.edu 973-972-4750	Open to Masters and PhD students. IBMS.	2	N	Monday	09/16/13	12/16/13	5.00 PM - 7.00 PM	MSB E-675
CBMM N5001	Basic Histology	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. (See below for required text).	3	N	Thursday	08/29/13	12/12/13	6.00 PM - 9.00 PM	Lecture: MSB C-600 Lab: MSB B-518 and MSB B-544
CBMM 5002Q	Practical Approaches for Studying Protein Function	Dr. Maha Abdellatif abdellma@njms.rutgers.edu 973-972-3926 Dr. Danish Sayed sayeddh@njms.rutgers.edu 973-972-0349	Graduate Molecular Biology or equivalent.	2	N	Wednesday	09/11/13	12/04/13	2.00 PM - 4.00 PM	MSB G-609
CBMM 5350Q	Molecular Medicine of the Heart	Dr. Gopal Babu babugo@njms.rutgers.edu 973-972-5376	Permission of Course Director. Open to Masters and PhD students. (See below for required text).	3	N	Tuesday	09/10/13	12/17/13	9:30 AM - 12:30 PM	MSB G-609
CBNP 5150Q	Cellular & Developmental Neuroscience	Dr. Teresa Wood woodte@njms.rutgers.edu 973-972-6529 Dr. Steve Levison levisosw@njms.rutgers.edu 973-972-5162	Permission of Course Director. Prior Fundamentals of Neuroscience or undergraduate Neuroscience course. Open to Masters and PhD students. (See below for required text).	2	N	Mon/Wed/Fri	10/21/13	12/20/13	3.00 PM - 4.30 PM	Cancer Center F-1196
DENT 5065Q	Dental Physiology	Dr. Marguerite Stout stout@njms.rutgers.edu 973-972-4132	Enrollment limit 15. For approval contact Dr. Tsiagbe tsiagbv@njms.rutgers.edu 973-972-2612. (See below for required text).	5	N	Tuesday Wednesday Thursday	08/27/13	12/13/13	1:00 PM - 2:50 PM 1:00 PM - 1:50 PM 1:00 PM - 4:50 PM	Dental School B-961
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	08/28/13	12/11/13	10.00 AM - 11.00 AM	MSB B-554 (Room B-970 on 12/04 & 12/11)

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DENT 5220Q	Methods in Microscopic Imaging	Dr. Kabilan Velliyagounder velliyka@sdm.rutgers.edu	Enrollment Limit 12. Open to Masters and PhD students.	2	N	Wednesday	09/04/13	12/18/13	1.00 PM - 3.00 PM	Dental School D-986 (Room B-723 on 9/18, 10/2, 10/16, and 11/13)
DENT 5300Q	Oral Microbiology	Dr. Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Enrollment limit 60. Open to both Masters and PhD students. (See below for required text).	3	N	Monday Friday	08/26/13	11/29/13	1.00 PM - 3.00 PM 10.00 AM - 12.00 PM	Dental School B-961 & B-963
DENT 7106Q	Dental Histology	Dr. Joseph Rinaggio rinaggio@sdm.rutgers.edu 973-972-8909	Enrollment limit 10. For approval contact Dr. Tsiagbe tsiagbvk@njms.rutgers.edu 973-972-2612. (See below for required text).	5	N	Monday Wednesday Friday	08/26/13	12/13/13	10.00 AM - 12.00 PM 10.00 AM - 12.00 PM 1.00 PM - 3.00 PM	Dental School B-961
GSND 0596Q	Professional Skills I	Dr. Teresa Wood woodte@njms.rutgers.edu (973) 972-6529 Dr. Steve Levison levisosw@njms.rutgers.edu (973) 972-5162	Enrollment limit 42. Preference given to 2nd year PhD. All others, permission of Course Directors.	1	S/U	Tuesday and Thursday	08/27/13	10/17/13	5.00 PM - 6.30 PM	Cancer Center G-1196
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4483 X24367	Open to Masters and PhD students.	3	N	Tuesday	09/03/13	12/18/13	5.00 PM - 7.40 PM	ICPH Auditorium
GSND 5201Q	Molecular & Genetic Medicine "MGM"	Dr. Melissa Rogers rogersm@njms.rutgers.edu 973-972-2984	Enrollment limit 30 For approval contact Dr. Garrett garretst@njms.rutgers.edu. (See below for required text).	6	N	Monday, Wednesday, Thursday and Friday	08/12/13	10/03/13	9.00 AM - 3.00 PM	MSB B-556
GSND 5205Q	Genes & Molecules in Medicine	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Enrollment limit 15 Permission of Course Director. (See below for required text).	6	N	Monday, Wednesday, Thursday and Friday	10/21/13	12/19/13	9.30 AM - 3.30 PM	MSB B-605 (Room B-609 B+C on 11/21, Room B-617 B+C on 12/02, Room B-617 on 12/09, and Room B-619 on 12/11) *B-619 FOR EXAMS*
GSND 5207Q	Infection & Host Response	Dr. Stephen Garrett garretst@njms.rutgers.edu 973-972-0323	Open to Masters student only. For approval contact Dr. Garrett garretst@njms.rutgers.edu. (See below for required text).	6	N	Monday, Tuesday, Wednesday, Thursday, and Friday	08/12/13	10/11/13	9:00 AM - 3:00 PM	MSB B-552

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GSND 5215Q	Animal Models of Human Disease	Dr. Reza Razavi rrazavi@njhf.org 908-315-5868	Open to Masters and PhD students.	3	N	Wednesday	09/04/13	12/18/13	6:00 PM - 9:00 PM	Cancer Center G-1196
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. (See below for suggested text).	2	N	Monday	09/16/13	12/16/13	6.00 PM - 8.15 PM	Cancer Center G-1196
GSND 5300Q	Independent Study in Biomedical Sciences	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Permission of Course Director	1-4	S/U	By Arrangement				
GSND 5315Q	The Nature, Science and NEJM Course A	Dr. Eric Altschuler altschel@njms.rutgers.edu 973-972-5439	Open to Masters and PhD students.	1	N	Tuesday	09/03/13	12/17/13	5.00 PM - 6.00 PM	Dental School D-987
GSND 5316Q	The Nature, Science and NEJM Course B	Dr. Eric Altschuler altschel@njms.rutgers.edu 973-972-5439	Students receiving permission to take GSND 5315Q more than once will register for this. Permission of program director (Master's) or class advisor/track director (Ph.D.) required. Open to Masters and PhD students.	1	S/U	Tuesday	09/03/13	12/17/13	5.00 PM - 6.00 PM	Dental School D-987
GSND N500A	Fundamentals of Biomedical Sciences (Part A)	Dr. Michael Lea lea@njms.rutgers.edu 973-972-5345	Open to Masters student only. (See below for required text).	3	N	Tuesday	09/10/13	12/10/13	6.00 PM - 9:00 PM	MSB B-556
MBGC 5035Q	Next Generation Sequencing and Data Analysis	Dr. Jeffrey Rosenfeld rosenfj1@njms.rutgers.edu 973-972-1004	Permission of Course Director. Open to Masters and PhD students.	2	N	Monday and Wednesday	10/21/13	12/18/13	9.30 AM - 11.30 AM	MSB B-540 E+F (Room B-619 B+C on 12/02) *CLASS WILL NOT MEET ON 10/21 & 10/24*
MBGC 5075Q	Cell Death	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Open to Masters and PhD student. (See below for required text).	2	N	Monday and Thursday	10/21/13	12/20/13	6.00 PM - 8.00 PM	MSB B-619
MSBS 5000Q	Masters Thesis Research	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Masters students completing Thesis	5	S/U	By Arrangement				
MSBS 5120Q	Pharmaceutical Internship	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Completion of 15 credits. Permission of Course Director.	2-3	S/U	By Arrangement				
MSBS 5125Q	Teacher Training Internship	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Permission of Course Director	1-3	S/U	By Arrangement				

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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	08/26/13	12/02/13	6.00 PM - 9.00 PM	MSB C-600
MSBS 5140Q	Biological Terrorism & Weapons of Mass Destruction	Dr. Brendan McCluskey mclluske@ca.rutgers.edu 973-972-6164 Dr. Nancy Connell connell@njms.rutgers.edu 973-972-3579	Enrollment limit 50. Open to Masters and PhD students.	2	N	Monday	09/09/13	12/16/13	4.00 PM - 6.00 PM	MSB C-600
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	08/28/13	11/30/13	6.00 PM - 8.00 PM	MSB C-600 (Room MSB B-554 on 10/09)
MSBS 5910Q	Seminar in Biomedical Sciences	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Open to Masters students only.	1	N	Tuesday	09/03/13	12/17/13	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				
MSBS 7000Q	Masters Thesis Continuation	Dr. BJ Wagner wagner@njms.rutgers.edu 973-972-5335	Prior registration for MSBS 5000Q. Thesis not yet completed. 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	Open to Masters and PhD students. (See below for required text).	3	N	Thursday	08/29/13	12/12/13	5.00 PM - 8.00 PM	Dental School B-963
PATH 5010Q	General Pathology	Dr. George Studzinski studzins@njms.rutgers.edu 973-972-5869	Permission of Course Director. Enrollment limit 30. Open to Masters and PhD students. (See below for required text).	2	N	Monday, Wednesday, and Friday	09/06/13	10/18/13	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 Thursday	10/21/13	12/19/13	4.00 PM - 6.00 PM	MSB B-617 MSB B-556
PATH 511AQ	Immunology A	Dr. Elizabeth Raveche raveches@njms.rutgers.edu 973-972-5240	(See below for required text).	2	N	Monday and Wednesday	10/21/13	12/18/13	4.30 PM - 6.00 PM	
PHPY N5021	Fundamentals of Pharmacology	Dr. Martha Nowycky nowyckmc@njms.rutgers.edu 973-972-4391	Open to Masters and PhD students.	3	N	Monday	09/09/13	12/16/13	6.00 PM - 9.00 PM	MSB B-556

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PHPY N5225	Principles of Toxicology	Dr. Ramez Labib ramez.labib@avon.com Dr. Thomas Visalli Thomas_Visalli@eisai.com	Open to Masters and PhD students.	3	N	Thursday	09/05/13	12/05/13	6.00 PM - 9.00 PM	MSB B-556
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 leeba@gpbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms are required after online registration has ended.										
Last Update:09/26/13 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. (2008) Netter's Essential Histology, Saunders, Elsevier. ISBN 978-1929007868
CBNP 5150	Cellular & Developmental Neuroscience	Principles of Neural Science (5th Edition); Kandel, Schwartz and Jessell, McGraw-Hill. Fundamental Neuroscience (4th Edition); Squire et al., Academic Press. Development of the Nervous System (3rd Edition); Sanes, Reh and Harris, Elsevier
DENT 5300Q	Oral Microbiology	Medical Microbiology, 6th edition. Murray, et al. Mosby, Inc. ISBN: 978-0-323-05470-6
GSND 5201Q	Molecular & Genetic Medicine "MGM"	<u>Suggested Text</u> : Principles of Medical Biochemistry, 3rd edition, 2012, by G. Meisenberg and W.H. Simmons, Elsevier - Saunders
GSND 5205Q	Genes & Molecules in Medicine	Principles of Medical Biochemistry by Meisenberg & Simmons Thompson & Thompson, Genetics in Medicine by Nussbaum, et al. [both recommended, not required]
GSND 5235Q	Principles of Clinical and Translational Research in Oncology	Suggested texts on file in library: Clinical Trials in Oncology, Second Edition by Stephanie Green, Jacqueline Benedetti, and John Crowley, 2003, Chapman & Hall/CRC Fundamentals of Clinical Trials by Lawrence M. Friedman, Curt D. Furberg, and David L. DeMets (Paperback - Dec 1999), Springer Science-Business Media
GSND N500A	Fundamentals of Biomedical Sciences (Part A)	Suggested Texts: Lippincott's Illustrated Reviews: Biochemistry, 5th edition, 2011, by Harvey and Ferrier, published by Lippincott Williams and Wilkins, Philadelphia or Principles of Medical Biochemistry, 3rd edition, 2012, by G. Meisenberg and W,H, Simmons, Elsevier - Saunders
MBGC 5075Q	Cell Death	MEANS TO AN END - Apoptosis and Other Cell Death Mechanisms, Douglas Green, 2010, Cold Spring Harbor Laboratory Press
NEUR 5200Q	Fundamentals of Neuroscience	4th Edition of Neuroscience, Ed. by Purves et al.
PATH 5010Q	General Pathology	Suggested Reading: "Wheater's Functional Histology, 5th edition". Suggested Reading: "Robbins and Cotran Pathologic Basis of Disease" Eight Edition, Kumar, Abbas, Fausto & Aster Saunders Elsevier, 2010.
PATH 5100Q	Cellular Pathology	Molecular Biology of the Cell - Alberts etal eds
PATH 511AQ	Immunology A	Janeway's Immunobiology 8 th Edition, Garland Scientific

