

SPRING 2018 MASTERS, CERTIFICATE & NON-MATRICULATED COURSE SCHEDULE

Graduate School of Biomedical Sciences

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

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Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
BIOC 5100Q	<u>Molecular Oncology</u>	Michael A. Lea lea@njms.rutgers.edu 973-972-5345	Open to Masters & PhD students.	2	N	Monday	1/8	5/7	6:00 PM	7:50 PM	ICPH Auditorium Confirmed by instructor
BIOC 5125Q	<u>Viruses, Cells and Disease</u>	Michael Mathews mathews@njms.rutgers.edu 973-972-3133 Sergei Kotenko kotenkse@njms.rutgers.edu 973-972-3134	Open to Masters & PhD students. Approval by Course Directors for Masters students.	2	N	Tuesday & Thursday	1/9	2/27	5:00 PM	6:50 PM	Cancer Center Room G1196 Confirmed by Course Director
CBMM 5020Q	<u>Developmental Biology & Stem Cells</u>	Diego Fraidenaich fraidedi@njms.rutgers.edu 973-972-5525	Open to Masters & PhD students.	2	N	Tuesday & Friday	2/20	4/16	10:00 AM	11:50 PM	MSB Room G609 Confirmed by course instructor
CBMM N5001	<u>Basic Histology</u>	Virgil Muresan, Ph.D. muresavi@njms.rutgers.edu 973-972-2392	Enrollment limit 45.	3	N	Thursday	1/11	4/19	6:00 PM	8:50 PM	MSB Room B-610 Requested
CBMM N594C	<u>Regional Gross Anatomy: Back & Extremities</u>	Ian Lee, MD leeir@njms.rutgers.edu	Enrollment limit 35.	3	N	Thursday	1/11	4/19	3:00 PM	4:50 PM	MSB Room B527 (on exam dates 2/15, 3/22 & 4/26 2:00 PM - 5:00 PM)
CBNP 5033Q	<u>Systems Neuroscience</u>	Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682	Enrollment limit 15.	2	N	Tuesday & Wednesday	4/24	6/13	5:00 PM	6:50 PM	Cancer Center Room F1196 Requested
CBNP 5037Q	<u>Regenerative Medicine</u>	Elizabeth Moran moranel@njms.rutgers.edu 973-972-5854 Steve Levison levisosw@njms.rutgers.edu 973-972-5162	Open to Masters & PhD students. Background in cell biology and development suggested.	2	N	Monday & Wednesday	4/23	6/13	3:00 PM	4:50 PM	Cancer Center Room G1196 Requested

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DENT 5085Q	<u>Dental Biochemistry</u>	Michael A. Lea lea@njms.rutgers.edu 973-972-5345	Open to Masters & PhD students. This is a Dental School course. Limited intake of 15 students only. Special permission required from: Dr. Vincent K. Tsiagbe 973-972-2612	4	N	Monday Wednesday	3/12	6/18	11:00 AM 10:00 AM	12:50 PM 11:50 AM	Dental School Oral Health Pavilion Room B961 confirmed by instructor
DENT 5220Q	Methods in Microscopic Imaging	Kabilan Vellyagounder vellyka@sdm.rutgers.edu 973-972-5051	Open to Masters & PhD students. Enrollment Limit 12.	2	N	Wednesday	1/3	4/18	1:00 PM	2:50 PM	Dental School Room C987 confirmed by instructor
DENT 5300Q	<u>Oral Microbiology</u>	Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Open to both Masters and PhD students. Enrollment limit of 75. (See below for required text).	3	N	Monday Wednesday Friday	1/3	2/28	10:00 AM 10:00 AM 10:00 AM	11:50 AM 11:50 AM 11:50 AM	Dental School Oral Health Pavilion Room B963 confirmed by instructor
DENT 5310Q	Oral Immunology	Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	Open to Masters & PhD students. Limit of 75 students.	3	N	Monday Tuesday Wednesday	3/12	4/23	2:00 PM 1:00 PM 8:00 AM	3:50 PM 2:50 PM 9:50 AM	Oral Health Pavilion B-963
DENT 5910Q	Oral Biology Research Seminar	Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Open to Masters & PhD students.	1	N	Friday	1/19	3/30	1:00 PM	1:50 PM	MSB Room B554 Requested
GSND 5008Q	<u>QA/QI Research in Clinical Settings</u>	Ping-Hsin Chen chenpi@njms.rutgers.edu 973-972-7351 Steven Keller sek1949@gmail.com 973-972-5036	Open to Masters & PhD students. Prior experience in chart reviews and statistical analysis are not assumed or required. Enrollment limit of 35. Immunizations according to Rutgers policy.	3	N	Thursday	1/11	4/19	12:00 PM	1:50 PM	MSB Room B522 Confirmed
GSND 5113Q	<u>Gene Expression</u>	Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4367	Open to Masters students only in the Spring semester. Enrollment limit 75.	3	N	Monday & Thursday	4/30	6/28	2:20 PM	4:50 PM	ICPH Auditorium Confirmed by instructor

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GSND 5300Q	Independent Study in Biomedical Sciences	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899		1 to 4	S	By Arrangement					
GSND 5325Q	Introduction to Bio-Medical Ethics	Dr. Michael E. Shapiro mes362@njms.rutgers.edu 973-972-6639	Open to Masters and PhS students Enrollment Limit 30	2	N	Thursday	1/4/18	4/26/18	10:00 AM	11:50 AM	MSB Room B605 Requested
GSND 5501Q	Medical Biochemistry & Genetics	M. Zafri Humayun	Open to Masters students only for approval, contact Dr. Stephen Garrett at garretst@njms.rutgers.edu	5	N	Monday through Friday	1/8	2/16	2:00 PM	4:50 PM	ICPH Auditorium Confirmed by instructor
GSND N500B	Fundamentals of Biomedical Science Part B: Cellular Biology	Diego Fraidenaich fraidedi@njms.rutgers.edu 973-972-5525	Open to Masters students only.	3	N	Wednesday	1/17	5/23	6:00 PM	8:50 PM	MSB Room B556 Requested
MBGC 5002Q	Introduction to Genomics, Proteomics, and Bioinformatics	Maryam Hassimi mh1140@scarletmail.rutgers.edu Vivian Bellofatto bellofat@rutgers.edu	Open to Masters & PhD students. IBMS (GSND 5200Q) or Fundamentals A (GSND N500A) or permission of the course director.	2	N	Monday & Wednesday	2/26	4/18	10:00 AM	11:50 AM	MSB Room B540A&B Requested
MICR 5231Q	Molecular Virology	Hua Zhu zhuhu@njms.rutgers.edu 973-972-6488	Open to Masters & PhD students. Fundamentals A (GSND N500A), or IBMS (GSND 5200Q), or MGM (GSND 5210Q), or permission of course director.	3	N	Monday, Tuesday, Thursday	6/4	7/3	5:30 PM	8:20 PM	ICPH Auditorium Confirmed by instructor
MICR N5233	Microbes and Infectious Disease	Stephen Garrett garretst@njms.rutgers.edu 973-972-4511	Open to Masters & PhD students.	3	N	Tuesday	1/2	4/24	2:00 PM	4:50 PM	MSB Room B610 Confirmed
MSBS 5000Q	Masters Thesis Research	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899		5	S/U	By Arrangement					
MSBS 5015Q	The Host Response to Injury	Zoltan Spolarics spolaric@njms.rutgers.edu 973-972-0117 George Hasko haskoge@njms.rutgers.edu 973-972-8694	Open to Masters students only. Fundamental in Biomedical Sciences A or Permission from Course Director	2	N	Monday & Thursday	1/8	3/19	5:00 PM	6:50 PM	MSB Room B617B&C Requested

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MSBS 5120Q	Pharmaceutical Internships	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Open to Masters & PhD students. Permission of the course director.	2 to 3	S/U	By Arrangement					
MSBS 5125Q	Teacher Training Internship	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Open to Masters & PhD students. Permission of Dr. Lutz.	1 to 3	S/U	By Arrangement					
MSBS 5126Q	Human Genetics and Genomics	David Kaback kaback@njms.rutgers.edu 973-972-8967	Masters students only. Fundamentals of Biomedical Sciences A or permission of instructor.	3	N	Monday & Thursday	1/4	5/3	9:45 AM	11:15 AM	MSB Room B617B&C Requested
MSBS 593AQ	Research in Biomedical Sciences	Stephen Garrett garretst@njms.rutgers.edu 973-972-4511	Masters students only. Use this course # for the first rotation.	2	N	By Arrangement					
MSBS 7000Q	Masters Thesis Continuation	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Prior registration for MSBS 5000Q. Use Master's Thesis Continuation Form; Permission of Mentor & Dr. Lutz.	1 to 8	S/U	By Arrangement					
MSBS N5134	Hematopoietic Stem Cell Biology	Panela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students. Background in cell biology and stem cell biology suggested.	2	N	Monday	1/22	3/30	6:00 PM	7:50 PM	MSB Room B-610 Requested
MSBS N512Q	Topics in Cancer Stem Cell Biology	Panela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students.	2	N	Tuesday and Thursday	5/29	7/3	6:00 PM	7:50 PM	MSB Room B610 Requested.
NEUR N5040	Neurobiology of Disease	Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682 Stella Elkabes elkabest@njms.rutgers.edu 973-972-5163	Open to Masters & PhD students. Fundamentals of Neuroscience (NEUR 5200Q) or permission of course director.	3	N	Thursday	1/4	4/12	5:30 PM	8:20 PM	Cancer Center Room F1196 Requested
PATH 511BQ	Immunology B	Joan Durbin, MD/PhD durbinje@rutgers.edu	Successful completion of Immunology A (PATH 511A).	1	N	Monday & Wednesday	1/3	2/21	2:30 PM	3:50 PM	MSB Room B619B&C Confirmed

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PATH 5130Q	DNA Repair in Health and Disease	Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Class size limited to 26 students This course is for PhD and Masters students	1	N	Monday & Wednesday	1/8	2/26	4:00 PM	5:20 PM	MSB Room B609B&C
PHPY 5005Q	Fundamentals of Human Physiology	Krista Blackwell blackwkn@njms.rutgers.edu 973-972-2863	Open to Masters & PhD students. PhD students must have permission to enroll in the course.	3	N	Monday	1/8	4/23	2:00 PM	4:50 PM	MBS B552
PHPY 5085Q	Neuroendocrinology: Regulation of Physiological Processes	Vanessa Routh routhvh@njms.rutgers.edu 973-972-1489	Open to Masters & PhD students. IBMS (GSND 5200Q) or Fundamentals A (GSND N500A), or permission of course director. Physiological Principles (PHPY 5290) and/or Foundations in Neuroscience (NEUR 5110) suggested but not required.	2	N	Tuesday & Thursday	2/27	4/19	4:00 PM	5:50 PM	MSB Room H609 Confirmed By course Director MSB Room B610 requested for 3/15 and 4/19
PHPY N5030	Topics in Pharmacology	Lester Sultatos sultatle@njms.rutgers.edu 973-972-6612	Open to Masters students only. Some Physiology recommended. See below for the required/recommended text for the course.	3	N	Thursday	1/18	5/17	6:00 PM	8:50 PM	MSB Room B556 Requested
PHPY N526Q	Principles of Toxicology II	Ramez Labib ramezlabib@yahoo.com Thomas Visalli tvis624@yahoo.com	Open to Masters & PhD students.	3	N	Tuesday	2/6	5/8	6:00 PM	8:50 PM	MSB Room B556 Requested

Last Update: 11-20-17 MB

Required/Recommended Text for courses

BIOC 5100Q	<i>Molecular Oncology</i>	R.A. Weinberg. The Biology of Cancer, Garland Science, New York, NY, 2014
CBMM N594C	<i>Regional Gross Anatomy: Back & Extremities</i>	Moore Clinically Oriented Anatomy, 7th Edition, by Keith L. Moore and Arthur Dalley, Lippincott Williams & Wilkins - older versions acceptable
CBMM N5001	<i>Basic Histology</i>	Netters Essential Histology and Junqueira's Basic Histology
CBNP 5037Q	<i>Regenerative Medicine</i>	David L. Stocum entitled "Regenerative Biology and Medicine" 2nd Edition which is published by Academic Press. ISBN: 978-0-12-384860-4.
CBNP 5250Q	<i>Introduction to Neurochemistry & Neuropharmacology</i>	Basic Neurochemistry, Eighth Edition: Principles of Molecular, Cellular, and Medical Neurobiology

