

SPRING 2022 MASTERS, CERTIFICATE & NON-MATRICULATED COURSE SCHEDULE

School of Graduate Studies

Consult (<http://njms.rutgers.edu/sgs/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 Offered	Start Date	End Date	Time	Instruction Mode	Location
BIOC 5125Q	Viruses, Cells and Disease	Michael Mathews mathews@njms.rutgers.edu 973-972-3133 Sergei Kotenko kotenkse@njms.rutgers.edu	Open to Masters & PhD students. Approval by Course Directors for Masters students. Enrollment limit 30	2	N	Tuesday & Thursday	1/11	3/1	4:00 PM - 5:50 PM	In Person	Cancer Center Room G1196 Requested
CBMM 5020Q	Developmental Biology & Stem Cells	Diego Fraidenraich fraidedi@njms.rutgers.edu 973-972-5525	Open to Masters & PhD students. Enrollment Limit 20	2	N	Tuesday & Friday	2/18	4/8	10:00 AM - 11:50 AM	In Person	MSB Room G609
CBMM N5001	Basic Histology	Virgil Muresan, Ph.D. muresavi@njms.rutgers.edu 973-972-2392	Enrollment limit 45.	3	N	Thursday	1/6	4/14	6:00 PM - 8:50 PM	In Person/ Remote	MSB Room B610 Requested
CBMM N594C	Regional Gross Anatomy: Back and Lower Extremity	George Holan, PT, DPT, GCS, NCS holange@njms.rutgers.edu	Enrollment limit 30.	3	N	Thursday	1/6	4/14	3:00 PM - 4:50 PM	In Person	TBA
CBNP 5033Q	Systems Neuroscience	Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682	Enrollment limit 25.	2	N	Tuesday & Wednesday	4/26	6/15	5:00 PM - 6:50 PM	In Person/ Remote	MSB Room B619
CBNP 5068Q	Molecular Mechanisms of Diseases	Lai-Hua Xie xiela@njms.rutgers.edu 973-972-2411 Naoki Sawada ns929@njms.rutgers.edu 973-972-1883	Open to Masters & PhD students. Background in Cell and Molecular Biology Enrollment limit of 20	3	N	Mondays	2/7	5/16	6:00 PM - 8:50 PM	In Person/ Remote	MSB Room G609
CBNP 5140Q	Topics in Neuroimmunology	Christine Rohowsky-Kochan rohowskm@njms.rutgers.edu	Open to Masters and PhD Immunology Course as a prerequisite or Permission of instructor minimum enrollment of 10 required	2	N	Monday & Wednesday	2/28	4/20	4:00 PM - 5:50 PM	In Person	MSB Room B556

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DENT 5025Q	Fundamentals of Dental Materials Science	Anil Ardeshta ardeshap@sdm.rutgers.edu 973-972-1892	Open to Masters & PhD students. Enrollment limit 35. See below for the required/recommended text for the course.	2	N	Friday	1/14	4/15	10:00 AM - 11:50 AM	In Person/ Remote	MSB Room B619
DENT 5085Q	Dental Biochemistry	Michael A. Lea lea@njms.rutgers.edu 973-972-5345 (Please read syllabus thoughly Tuesday Class to be held on 5/3, 5/17 and 5/24)	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 tsiagbvk@sdm.rutgers.edu.	4	N	Monday Wednesday	3/14	6/14	11:00 AM - 12:50 PM 10:00 AM - 11:50 AM	Virtual Virtual	N/A
DENT 5220Q	Methods in Microscopic Imaging	Kabilan Velliyagounder velliya@sdm.rutgers.edu 973-972-5051	Open to Masters & PhD students. Enrollment Limit 12.	2	N	Wednesday	1/5	4/20	1:00 PM - 2:50 PM	Virtual	N/A
DENT 5225Q	Bacteriology and Oral Infectious Diseases	Daniel Kadouri kadourde@sdm.rutgers.edu 973-972-7401	Not open to students taking DENT 5300Q Oral Microbiology Enrollment Limit 40	3	N	Tuesday & Thursday	2/17	5/17	10:00 AM - 11:50 AM	Virtual	N/A
DENT 5300Q	Oral Microbiology	Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Enrollment limit of 75. Open to Masters & PhD Students. Previous course in Microbiology or good academic performance in first or second semester at SGS-N is an advantage. Advice from Dental Scholar Adviser or Course Director is recommended.	3	N	Monday Tuesday Friday	1/3	3/14	10:00 AM - 11:50 AM 1:00 PM - 2:50 PM 10:00 AM - 11:50 AM	Virtual Virtual Virtual	N/A

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DENT 5310Q	Oral Immunology	Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612 (Please read syllabus thoughly)	Enrollment limit of 70. Open to Masters & PhD Students. Previous course in Cell Biology or good academic performance in first or second semester at SGS-N is an advantage. Advice from Dental Scholar Adviser or Course Director is recommended.	3	N	Monday	3/14	4/20	2:00 PM - 3:50 PM	Virtual	N/A
						Tuesday			2:00 PM - 3:50 PM	Virtual	
						Wednesday			8:00 AM - 9:50 AM	Virtual	
DENT 5910Q	Oral Biology Research Seminar	Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Open to Masters & PhD students.	1	N	Friday	1/21	4/1	1:00 PM - 1:50 PM	Virtual	N/A
GSND 5120Q	<u>Clinical Implications of Human Poisoning</u>	Lewis Nelson ln196@njms.rutgers.edu Cynthia Santos cynthia.d.antos@rutgers.edu	Enrollment Limit 75	2	N	Monday & Thursday	6/6	7/28	2:00 PM - 4:50 PM	In person	MSB Room B610 Requested
GSND 5320Q	Pharmacology & Pharmaceutical Marketing	David Segarnick, PhD segarnjd@njms.rutgers.edu	Open to Masters and PhD students. Principles of Pharmacology (PHPY N5020) Fundamentals of Pharmacology (PHPY N5021) or Principles of Toxicology (PHPY N5225) or permission by the instructor)	2	N	Wednesday	1/12	3/9	7:00 PM - 8:20 PM	Virtual	N/A
GSND 5330Q	Communicating Science in Medicine	Doreen Badheka, PhD doreen.badheka@rutgers.edu 973-972-0908	Permission of Instructor Needed Enrollment limit 22	2	N	Monday	1/10	4/25	3:00 PM - 4:50 PM	In Person	Request DS Room C987
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					

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GSND N500B	Fundamentals of Biomedical Science Part B: Cellular Biology	Diego Fraidenraich fraidedi@njms.rutgers.edu 973-972-5525	Open to Masters students only.	3	N	Wednesday	1/12	5/18	6:00 PM - 8:50 PM	In Person/ Remote	MSB Room B552 Exams on 3/9 and 5/11
MBGC 5002Q	Introduction to Genomics, Proteomics, and Bioinformatics	Seema Husain husainse@njms.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	2/28	4/18	10:00 AM - 11:50 AM	In Person/ Remote	MSB Room B619
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					
MICR N5233	Microbes and Infectious Disease	M. Zafri Humayun humayun@rutgers.edu 973-972-6396	Open to Masters & PhD students. Note final exam Wed, 5/4/22	3	N	Tuesday	1/18	5/4	2:00 PM - 4:50 PM	In Person/ Remote	MSB Room B552
MSBS 5000Q	Masters Thesis Research	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899		5	S/U	By Arrangement					
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 or text 917-561-1050	Masters students only. Fundamentals of Biomedical Sciences A or permission of instructor. Enrollment limit 25	3	N	Monday & Thursday	1/6	4/21	10:00 AM - 11:45 AM	In Person/ Remote	B619 B&C Requested

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MSBS 593AQ	Research in Biomedical Sciences	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Masters students only. Use this course # for the first rotation.	2	N	By Arrangement					
MSBS 599AQ	Biomedical Training Internship A	Doreen Badheka doreen.badheka@rutgers.edu 973-972-0908	Masters students only. Use this course # for the first rotation.	3	N	By Arrangement					
MSBS 599BQ	Biomedical Training Internship B	Doreen Badheka doreen.badheka@rutgers.edu 973-972-0908	Masters students only	3	S/U	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 9	S/U	By Arrangement					
MSBS N5134	Hematopoietic Stem Cell Biology	Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students. Background in cell biology and stem cell biology suggested.	2	N	Mondays	1/24	4/4	6:00 PM - 7:50 PM	In Person	MSB Room B610 Requested
MSBS N512Q	Topics in Cancer Stem Cell Biology	Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students.	2	N	Tuesday & Thursday	5/24	6/30	6:00 PM - 7:50 PM	In Person	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	1/6	4/14	5:30 PM - 8:20 PM	In Person/ Remote	MSB Room B619
PATH 511BQ	Immunology B	Dr. Patricia Fitzgerald-Bocarsly bocarsly@njms.rutgers.edu Dr. Christine Rohowsky-Kochan rohowscm@njms.rutgers.edu	Successful completion of Immunology A (PATH 511A).	1	N	Monday & Wednesday	1/3	2/9	2:30 PM - 3:50 PM	In Person/ Remote	MSB Room B619

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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 18 students This course is for PhD and Masters students	1	N	Monday & Wednesday	1/12	2/28	4:00 PM - 5:20 PM	In Person/ Remote	MSB Room B619 B&C requested
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	1/10	4/25	2:00 PM - 4:50 PM	In Person/ Remote	MSB Room 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. Enrollment limit 20	2	N	Tuesday & Thursday	3/1	4/21	4:00 PM - 5:50 PM	In Person/ Remote	MSB Room H609B
PHPY N5030	Topics in Pharmacology	Lester Sultatos sultatle@njms.rutgers.edu 973-972-6612	Open to Masters students only. Some Physiology recommended. Enrollment limit 35	3	N	Thursday	1/13	5/19	6:00 PM - 8:50 PM	Virtual	N/A
PHPY N526Q	Principles of Toxicology II	Ramez Labib ramezlabib@yahoo.com Thomas Visalli tvis624@yahoo.com	Open to Masters & PhD students.	3	N	Tuesday	2/8	5/10	6:00 PM - 6:50 PM	Virtual	N/A

Last Update: 12/4/2021 MB