

SPRING 2024 MASTER, CERTIFICATE & NON-MATRICULATED COURSE SCHEDULE

School of Graduate Studies Health Science Campus, Newark

Additional courses located on the PhD schedule may be available with permission from the course director.

Highlighted courses are not available for online registration. Students must seek permission from the course director.

[Click here for a Description of Courses](#)

Course Number	Course Title	Course Director	Prerequisites	Credits	Grade Mode	Date	Day	Time	Instruction Mode	Location
BIOC 5125Q	Viruses, Cells and Disease	Dr. Sergie Kotenko primay instructor kotenkse@njms.rutgers.edu 973-972-3134 Dr. Michael Mathews mathews@njms.rutgers.edu 973-972-3133	Masters & PhD Students Instructor's permission is required for Master Students Enrollment Limit: 30 Students	2	N	1/4-2/22	Tuesday Thursday	5:00pm-7:00pm	In-Person	CC1196
CBMM 5020Q	Developmental Biology & Stem Cells	Dr. Diego Fraidenraich fraidedi@njms.rutgers.edu 973-972-5525	Masters & PhD Students Enrollment Limit: 30 Students	2	N	2/13-4/2	Tuesday Friday	10:00am-11:50am	In-Person/ Remote	MSB B610
CBMM N5001	Basic Histology	Dr. Virgil Muresan muresavi@njms.rutgers.edu 973-972-2392 office 908-723-1006 cell	Masters & PhD Students Enrollment Limit: 55 students	3	N	1/4-4/11	Thursday	6:00pm-9:00pm	In-Person/ Remote	MSB B610
CBMM N594B	Regional Gross Anatomy: Head & Neck	Dr. George Holan holange@njms.rutgers.edu 973-972-4545	Enrollment Limit: 40 students	3	N	1/4-4/18	Thursday	3:00pm-4:50pm	In-Person	MSB B527
CBNP 5033Q	Systems Neuroscience	Dr. Kevin Beck beckkd@njms.rutgers.edu 973-676-1000	Masters & PhD Students Master students must have had Funds of Neuroscience Enrollment Limt: 25 Students	2	N	4/30-6/18	Tuesday Wednesday	5:00pm-6:50pm	In-Person/ Remote	MSB B619
CBNP 5068Q	Molecular Mechanisms of Diseases	Dr. Lai-Hua Xie xiela@njms.rutgers.edu 973-972-2411	Masters & PhD Students Must have background in Cell & Molecular Biology Enrollment Limt: 20 Students	3	N	2/7-5/8	Wednesday	2:00pm-4:50pm	In-Person/ Remote	MSB B619
DENT 5025Q	Chemical Properties & Structures of Dental Materials	Dr. Anil Ardeszna ardeshap@sdm.rutgers.edu 973-972-1892	Masters & PhD Students Enrollment Limt: 50 Students	2	N	1/12-4/12	Friday	10:00am-11:50am	In-Person	MSB B619
DENT 5085Q	Dental Biochemisty	Dr. Melissa Rogers rogersmb@njms.rutgers.edu 973-972-2984	Must obtain approval from Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	4	N	3/19-5/21	Monday- Friday	Refer to Syllabus for class times	In-Person	OHP B-961

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DENT 5220Q	Methods in Microscopic Imaging	Dr. Kabilan Velliyagounder velliyka@sdm.rutgers.edu 973-972-8934	Masters & PhD Students Enrollment Limit: 12 Students	2	N	1/3-4/17	Wednesday	1:00pm-2:50pm	Remote	N/A
DENT 5225Q	Bacteriology & Oral Infectious Diseases	Dr. Daniel Kadouri kadourde@sdm.rutgers.edu 973-972-7401	PhD & Masters Students Not open to students that had or will be taking Oral Microbiology Enrollment Limit: 50 Students	3	N	2/6-4/30	Tuesday Thursday	10:00am-11:50am	In-Person	MSB B619
DENT 5300Q	Oral Microbiology	Dr. Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Some background in microbiology suggested Enrollment Limit: 75 Students	3	N	1/3-3/1	Tuesday- Thursday	Refer to Syllabus for class times	In-Person	OHP B-963
DENT 5310Q	Oral Immunology	Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	Masters & PhD Students Some background in cell biology	3	N	3/18-4/17	Monday Tuesday Wednesday	2:00pm-3:50pm 11:00am-12:50pm 10:am-11:50am	In-Person	OHP B963
DENT 5910Q	Oral Biology Research Seminar	Dr. Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Masters & PhD Students	1	N	1/19-3/29	Friday	1:00pm-1:50pm	Remote	N/A
DENT 5915Q Section 001	Fundamentals of Pre-Clinical Dental Skills	Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	Must obtain approval from Dr. Vincent Tsiagbe Enrollment Limit: 10 Students	1	S/U	1/8-1/12	Monday	9:00am-4:50pm	In-Person	SDM Clinic
DENT 5915Q Section 002	Fundamentals of Pre-Clinical Dental Skills	Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	Must obtain approval from Dr. Vincent Tsiagbe Enrollment Limit: 10 Students	1	S/U	6/3-6/7	Monday	9:00am-4:50pm	In-Person	SDM Clinic

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GSBS 0001Q	Student Family Health Care Center	Dr. Gertsmann gerstmma@njms.rutgers.edu	Master Students Must obtain approval from Dr. Gaspers and Dr. Tsiangbe	0	X	TBD	TBD	TBD	TBD	TBD
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4367 office 201-774-0161 cell	Masters & PhD Students Enrollment Limit: 20 Students	3	N	4/30-6/27	Tuesday Thursday	3:20pm-5:50pm	Remote	N/A
GSND 5120Q	Clinical Implications of Human Poisoning	Dr. Cynthia Santos csi315@njms.rutgers.edu 718-887-6530	Masters & PhD Students Enrollment Limit: 75 Students	3	N	6/3-7/25	Monday Thursday	2:00pm-4:50pm	In-Person	MSB B610
GSND 5320Q	Pharmacology & Pharmaceutical Marketing	Dr. David Segarnick segarnjd@njms.rutgers.edu 201-919-1202	Masters & PhD Students PHPY 5020, PHPY N5021, PHPY N5225 Enrollment Limit: 50 Students	2	N	1/9-3/5	Tuesday	7pm-8:30pm	Remote	N/A
GSND 5325Q Section 001	Introduction to BioMedical Ethics	Dr. Michael Shapiro mes362@njms.rutgers.edu 973-972-5017	Enrollment Limit: 30 Students	2	N	1/11-5/2	Thursday	10:00am-11:50am	Remote	N/A
GSND 5325Q Section 002	Introduction to BioMedical Ethics	Dr. Michael Shapiro mes362@njms.rutgers.edu 973-972-5017	Enrollment Limit: 30 Students	2	N	1/9-4/30	Tuesday	2:00pm-3:50pm	In-Person	MBS B610
GSND 5330Q	Effective Research Communication for Science Professionals	Dr. Doreen Badheka doreen.badheka@rutgers.edu	Masters Students Enrollment Limit: 20 Students Permission from Course Director	2	N	4/29-6/27	Monday Thursday	10:00am-11:50am	In-Person	MSB H506
GSND 5340Q	High Throughout Biomedical Data Analysis (BMDA)	Dr. W. Evan Johnson wj183@njms.rutgers.edu	Masters & PhD Students Enrollment Limit: 30 Students	2	N	4/22-6/12	Monday Wednesday	10:00am-12:00pm	In-Person/ Remote	MBS B619
GSND N500B	Fundamentals B: Cell Biology	Dr. Diego Fraidenraich fraidedi@njms.rutgers.edu 973-972-5525	Masters Students Enrollment Limit: 200 Students	3	N	1/17-5/24	Wednesday	6:00pm-9:00pm	In-Person/ Remote	MSB B552

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MBGC 5002Q	Introdution to Genomics, Proteomics, and Bioinformatics	Dr. Seema Husain primary instructor husainse@njms.rutgers.edu Dr. Vivian Bellofatto bellofat@njms.rutgers.edu Enrollment Limit: 24 Students	PhD & Masters Students GSND 5200Q or GSND N500A or permission from the course director	2	N	2/26-4/17	Monday Wednesday	10:00am-11:50am	In Person	MSB B619
MICR N5233	Microbes & Infectious Disease	Dr. Zafri Humayun humayun@njms.rutgers.edu 973-972-4530	Masters Students	3	N	1/9-4/30	Tuesday	2:00pm-4:50pm	In-Person/ Remote	ICPH Auditorium
MSBS 5000Q	Master Thesis Reseach	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Masters students completing a thesis	5	S/U	By Arrangement				
MSBS 5120Q	Pharmaceutical Internships	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Completion of 15 credits Permission from Course Director	2-3	S/U	By Arrangement				
MSBS 5126Q	Human Genetics & Genomics	Dr. David Kaback kaback@njms.rutgers.edu 973-972-8967	Masters Students Funds A or permission of instructor Enrollment Limit: 32 Students	3	N	1/8-4/26	Monday Thursday	2:00pm-3:45pm	In-Person /Remote	N/A
MSBS 593AQ	Research in Biomedical Sciences	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Use this course# for the first rotation	2	N	By Arrangement				
MSBS 7000Q	Master Thesis Continuation	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Use this course# for thesis not yet completed Special registration form is required	1 to 9	S/U	By Arrangement				
MSBS N512Q	Topics in Cancer Stem Cell Biology	Dr. Garima Sinha sinhagarima18@gmail.com	Masters & PhD Students	2	N	5/23-6/27	Thursday	6:00pm-7:50pm	Remote	N/A

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MSBS N5134	Hematopoietic Stem Cell Biology and Dysfunction	Dr. Lauren Sherman shermala@njms.rutgers.edu	Masters & PhD Students Background in cell biology and stem cell biology suggested	2	N	1/22-3/26	Monday	6:00pm-8:00pm	In-Person	MSB B610
NEUR N5040	Neurobiology of Disease	Dr. Kevin Beck beckkd@njms.rutgers.edu 973-676-1000	PhD & Master Students Neur 5200Q, CBNP 5033 or permission from course director Enrollment Limit: 25 Students	3	N	1/4-4/11	Thursday	5:30pm-8:20pm	In-Person/Remote	MSB B619
PATH 511BQ	Immunology B	Dr. Patricia Fitzgerald-Bocarsly bocarsly@njms.rutgers.edu Dr. Christine Rohowsky-Kochan rohowscm@njms.rutgers.edu	Masters Students	1	N	1/3-2/14	Monday Wednesday	2:30pm-3:50pm	In-Person/ Remote	MSB B619
PATH 5130Q	DNA Repair in Health & Disease	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	PhD & Masters Students Enrollment Limit: 18 Students	1	N	1/17-2/26	Monday Wednesday	4:00pm-5:20pm	In-Person/Webex	MSB B610
PHPY 5005Q	Fundamentals of Human Physiology	Dr. Lawrence Gaspers primary instructor gasperld@njms.rutgers.edu 973-972-5379 Dr. Patricio Mujica mujica.patricio@rutgers.edu	Masters & PhD Students Enrollment Limit: 230 Students	3	N	1/8-4/29	Monday	2:00pm-4:50pm	In-Person/ Remote	MSB B554
PHPY 5085Q	Neuroendocrinology: Regulation of Physiological Processes	Dr. Vanessa Routh routhvh@njms.rutgers.edu 973-972-1489 office 908-500-2755 cell	Masters & PhD Students IBMS or Funds A or permission of course director PHPY 5290 suggested but not required Enrollment Limit: 24 Students	2	N	2/27-4/25	Tuesday Thursday	4:00pm-5:50pm	In-Person/Remote	MSB B619 Tuesday MSB B619 b&c Thursday
PHPY N5030	Topics in Pharmacology	Dr. Lestor Sultatos sultatle@njms.rutgers.edu 973-072-6612	Masters Students Enrollment Limit: 35 Students	3	N	1/11-5/9	Thursday	6:00pm-9:00pm	Remote	N/A

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PHPY N526Q	Principles of Toxicology II	Dr. Ramez Labib ramezlabib@yahoo.com Dr. Thomas Visalli tvis624@yahoo.com	Masters & PhD Students	3	N	2/6-5/7	Tuesday	6:00pm-6:50pm	Remote	N/A

*Students have an option to attend in-person or remotely

During the online registration period, students may obtain email permission from the course director and forward to the Registrar office leeba@gsbs.rutgers.edu and will be manually registered for courses highlighted in yellow

Add/Drop Forms are required after the online registration period has ended