

# SPRING 2025 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	1/7-2/25	Tuesday Thursday	5:00pm-7:00pm	In-Person	CC H-1196
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	2/11-3/28	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	1/2-4/10	Thursday	6:00pm-9:00pm	In-Person/ Remote	MSB B610
CBMM N594C	Regional Gross Anatomy: Back & Lower Extremity	Dr. George Holan holange@njms.rutgers.edu 973-972-4545	Enrollment Limit: 30 students	3	N	1/9-4/17	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	4/22-6/17	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	2/5-5/7	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	1/10-4/11	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	3/25-6/17	Monday- Friday	Refer to Syllabus for class times	In-Person	Refer to Syllabus for location

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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	1/8-4/23	Wednesday	1:00pm-2:50pm	In-Person/ Remote	TBA
DENT 5225Q	Bacteriology & Oral Infectious Diseases	Dr. Daniel Kadouri kadourde@sdm.rutgers.edu 973-972-7401	PhD & Masters Students Not open to students taking or had Oral Microbiology Enrollment Limit: 50 Students	3	N	2/6-5/1	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	1/2-3/4	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 Enrollment Limit: 70 Students	3	N	3/17-4/16	Monday- Friday	Refer to Syllabus for class times	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	1/17-3/28	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	1/6-1/10	Monday- Friday	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	6/2-6/6	Monday- Friday	9:00am-4:50pm	In-Person	SDM Clinic

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GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4367 office 201-774-0161 cell	Masters & PhD Students Enrollment Limit: 25 Students	3	N	4/29-6/26	Tuesday Thursday	3:20pm-5:50pm	Remote	N/A
GSND 5120Q	Clinical Implications of Human Poisioning	Dr. Cynthia Santos cs1315@njms.rutgers.edu 718-887-6530	Masters & PhD Students Enrollment Limit: 75 Students	3	N	6/2-7/24	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	1/7-3/4	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	1/9-4/24	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	1/7-4/22	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	2/7-5/23	Friday	2:00pm-4:00pm	In-Person	MSB H506
GSND 5340Q	High Throughput Biomedical Data Analysys (BMDA)	Dr. Evan Johnson wj183@njms.rutgers.edu 801-472-6951	Master & PhD Students Enrollment Limit: 20 Students	2	N	4/21-6/12	Monday Wednesday	10:00am-12:00pm	In-Person/ Remote	TBA
GSND 5345Q	Fundamentals of Data Science	Dr. Evan Johnson wj183@njms.rutgers.edu 801-472-6951	Master & PhD Students Enrollment Limit: 30 Students	2	N	1/6-2/21	Monday Wednesday	10:00am-12:00pm	In-Person/ Remote	TBA
GSND N500B	Fundamentals B: Cell Biology	Dr. Diego Fraidenaich fraidedi@njms.rutgers.edu 973-972-5525	Masters Students Enrollment Limit: 200 Students	3	N	1/15-5/14	Wednesday	6:00pm-9:00pm	In-Person/ Remote	MSB B552

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MBGC 5002Q	Intorduction to Genomics, Proteomics, and Bioformatics	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	2/24-4/16	Monday Wednesday	10:00am-11:50am	In Person	MSB B619
MICR N5233	Microbes & Infectious Disease	Dr. David Kaback kaback@njms.rutgers.edu 973-972-8967	Masters Students	3	N	1/7-4/30	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: 20 Students	3	N	1/9-4/20	Monday Thursday	2:00pm-3:45pm	In-Person /Remote	TBA
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				

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MSBS N512Q	Topics in Cancer Stem Cell Biology	Dr. Garima Sinha sinhag1@njms.rutgers.edu	Masters & PhD Students	2	N	5/22-6/26	Tuesday Thursday	6:00pm-7:50pm	Remote	N/A
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	1/13-3/31	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	1/9-4/17	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	1/6-2/17	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	1/13-2/24	Monday Wednesday	4:00pm-5:20pm	In-Person/Webex	MSB B610
PHPY 5005Q	Fundamentals of Human Physiology	Dr. Patricio Mujica mujica.patricio@rutgers.edu	Masters & PhD Students Enrollment Limit: 230 Students	3	N	1/6-4/28	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	2/25-4/17	Tuesday Thursday	4:00pm-5:50pm	In-Person/Remote	MSB B619 Tuesday MSB B616 b&c Thursday

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PHPY N5030	Topics in Pharmacology	Dr. Lestor Sultatos sultatle@njms.rutgers.edu 973-072-6612	Masters Students Enrollment Limit: 35 Students	3	N	1/9-5/8	Thursday	6:00pm-9:00pm	Remote	N/A
PHPY N526Q	Principles of Toxicology II	Dr. Ramez Labib ramezlabib@yahoo.com Dr. Thomas Visalli tvis624@yahoo.com	Masters & PhD Students	3	N	2/4-5/6	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 [leebea@gsbs.rutgers.edu](mailto:leebea@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