

Fall 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
CBMM 5002Q	Practical Approaches for Studying Protein Function	Dr. Danish Sayed sayeddh@njms.rutgers.edu 973-972-5243 Dr. Mariana De Lorenzo delorems@njms.rutgers.edu 973-972-4315	Funds of Biomedical Science or Introduction of Biomedical Sciences Permission of Course Director is required	2	N	9/11-12/4	Wednesday	2:00pm-3:50pm	In-Person	MSB G-609B
CBMM 5350Q	Molecular Medicine of the Heart	Dr. Gopal Babu babugo@njms.rutgers.edu 973-972-2392	Masters & PhD Students College Biology Required Permission of Course Director is required Enrollment Limit: 40 Students	3	N	9/3-12/10	Tuesday	9:30am-12:30pm	In-Person/ Remote	MSB B619
CBMM N5001	Basic Histology	Virgil Muresan muresavi@njms.rutgers.edu 973-972-0573	Masters & PhD Students Enrollment Limit: 55 Students	3	N	8/22-12/5	Thursday	6:00pm-8:50pm	In-Person/ Remote	TBA
CBNP 5032Q	Behavioral & Cognitive Neuroscience	Dr. Kevin Beck beckkd@njms.rutgers.edu 973-676-1000	PhD & Masters Students Master students must have had Funds of Neuroscience Enrollment Limit: 25 students	2	N	8/27-10/16	Tuesday Wednesday	5:30pm-7:20pm	In-Person/ Remote	MSB B619
CBNP 5165Q	Foundations of Integrative Human Physiology	Dr. Michael Falvo michael.falvo@njms.rutgers.edu	Masters students must have college level course in human physiology/anatomy and physiology Enrollment Limit: 25 Students	2	N	9/9-11/6	Monday Wednesday	3:30pm-5:20pm	In-Person/ Remote	TBA
DENT 5065Q	Dental Physiology	Dr. Roman Shirokov rshiroko@njms.rutgers.edu 973-972-8869	Must obtain approval from Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	5	N	11/26-3/5	Monday- Friday	Refer to Syllabus for class times	In-Person	OHP B-961
DENT 5145Q	Introduction to Structural Biology	Dr. Narayanan Ramasubbu ramasun1@sdm.rutgers.edu 973-972-0704	Masters & PhD Students Enrollment Limit: 40 Students	1	N	9/4-12/18	Wednesday	10:00am-10:50am	In-Person	SDM B721
DENT 5220Q	Methods in Microscopic Imaging	Dr. Kabilan Velliyagounder velliya@sdm.rutgers.edu 973-972-5051	Masters & PhD Students Enrollment Limit: 12 Students	2	N	9/4-12/18	Wednesday	1:00pm-2:50pm	In-Person/Remote	N/A

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Dent 7106Q	Dental Histology	Virgil Muresan muresavi@njms.rutgers.edu 973-972-0573	Must obtain approval from Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	5	N	8/12-11/26	Monday-Friday	Refer to Syllabus for class times	In-Person	OHP B-961
DENT 7109Q	Dental Neuroscience	Dr. Henry Edinger edinger@njms.rutgers.edu 973-972-4642 Dr. Amjad Ilyas ilyasaa@njms.rutgers.edu 973-972-3580	Must obtain approval from Dr. Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	4	N	8/12-12/1	Monday-Thursday	Refer to Syllabus for class times	In-Person	OHP B-961
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 201-774-0161	Masters & PhD Students	3	N	9/3-12/17	Tuesday	2:20pm-5:00pm	In-Person/Remote	ICPH Auditorium
GSND 5235Q	Principles of Clinical & Translational Research in Oncology	Dr. Robert Wiedner wiederro@njms.rutgers.edu 973-972-4871	Masters & PhD Students Enrollment Limit: 24 Students	2	N	9/9-12/9	Monday	6:00pm-8:15pm	In-Person/Remote	CC G1196
GSND 5320Q	Pharmacology & Pharmaceutical Marketing	Dr. David Segarnick segarnjd@njms.rutgers.edu 201-919-1202	Masters & PhD Students Must have taken one of the following courses: PHPY 5020, PHPY N5021 or PHPY N5225 Enrollment Limit: 50 Students	2	N	9/10-11/5	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	9/12-12/12	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	9/10-12/10	Tuesday	2:00pm-3:50pm	In-Person	TBA
GSND 5335Q	Coronavirus Molecular Biology/Medicine	Dr. Michael Mathews mathews@njms.rutgers.edu 973-972-3133	Masters & PhD Students	2	N	8/27-10/17	Tuesday Thursday	1:30pm-3:30pm	In-Person/Remote	MSB B619

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GSND 5205Q	Genes & Molecules in Medicine	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	Masters Students Only Approval is required from Dr. Gaspers gasperld@njms.rutgers.edu	3	N	8/12-8/30	Monday- Friday	9:00am-2:50pm	In-Person	MSB B556
GSND 5501Q	Medical Biochemistry & Epidemiology	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	Masters Students Only Approval is required from Dr. Gaspers gasperld@njms.rutgers.edu	3	N	9/3-9/20	Monday- Friday	9:00am-2:50pm	In-Person	MSB B556
GSND 5505Q	Introduction to Physiology & Pharmacology	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	Masters Students Only Approval is required from Dr. Gaspers gasperld@njms.rutgers.edu	3	N	9/23-10/11	Monday- Friday	9:00am-2:50pm	In-Person	MSB B556
GSND 5510Q	Medical Hematology/Oncology & Immunology	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	Masters Students Only Approval is required from Dr. Gaspers gasperld@njms.rutgers.edu	4	N	10/14-11/8	Monday- Friday	9:00am-2:50pm	In-Person	MSB B556
GSND N500A	Fundamentals of Biomedical Sciences (Part A)	Dr. Melissa Rogers rogersmb@njms.rutgers.edu 973-972-5345	Masters Students	3	N	9/6-12/20	Wednesday Friday	4:00pm-5:30pm	In-Person/ Remote	MSB B552
MBGC 5071Q	Advances in Nucleic Acids: DNA	Dr. Katsunori Sugimoto sugimoka@njms.rutgers.edu 973-972-4436	Masters students must contact Dr. Sugimoto before registration. Course details: https://sugimoka.wixsite.com/wesite-1/group/mbgc-5071/discussion	2	N	10/14-12/17	Monday Tuesday	1:30pm-3:15pm 9:45am-11:30am	In-Person/ Remote	ICPH E220R
MBGC 5075Q	Cell Death	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Masters & PhD Students	2	N	10/21-12/16	Monday Thursday	6:00pm-7:50pm	In-Person/ Remote	MSB B556
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				

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MSBS 5120Q	Pharmaceutical Internship	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 5130Q	Stem Cell Biology & Applications in Molecular Medicine	Dr. Lauren Sherman shermala@njms.rutgers.edu	Masters & PhD Students	3	N	9/3-12/17	Tuesday	6:00pm-9:00pm	In=Person	N/A
MSBS 520AQ	Advanced Stem Cells Seminar	Dr. Marina Gergues mgergues@gmail.com	Masters & PhD Students Enrollment Limit: 30 Students	2	N	9/11-12/11	Wednesday	6:00pm-7:50pm	Remote	N/A
MSBS 5910Q	Seminar in Biomedical Sciences	Dr. Raymond Birge birgera@njms.rutgers.edu 973-972-4497	Masters Students	1	N	9/3-12/10	Tuesday	4:30pm-5:50pm	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	1 to 9	S/U	By Arrangement				
NEUR 5200Q	Fundamentals of Neuroscience	Dr. Steven Levison levisosw@njms.rutgers.edu 973-972-5162	Masters & PhD Students	3	N	8/29-12/19	Thursday	5:00pm-7:50pm	In-Person/ Remote	MSB B552
PATH 5100Q	Cellular Pathology	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Masters & PhD Students	2	N	10/21-12/19	Monday & Thursday	4:00pm-5:50pm	In-Person/Webex	TBA

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PATH 511AQ	Immunology A	Dr. Patricia Fitzgerald-Bocarsly bocarsly@njms.rutgers.edu Dr. Christine Rohowsky-Kochan rohowscm@njms.rutgers.edu	Masters Students	2	N	10/21-12/180	Monday Wednesday	2:30pm-3:50pm	In-Person/ Remote	MSB B619
PATH N5209	The Business of Science: Drug Development from Molecules to Medicines	Dr. Doreen Badheka doreen.badheka@rutgers.edu 973-972-0908	PhD & Masters Students Enrollment Limit: 30 Students	3	N	9/10-12/17	Tuesday	6:00pm-9:00pm	In-Person/Remote	N/A
PHPY N5021	Fundamentals of Pharmacology	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	Masters & PhD Students Enrollment Limit: 230 Students	3	N	9/9-12/9	Monday	6:00pm-8:50pm	In-Person/Remote	MSB 552
PHPY N5225	Principles of Toxicology I	Dr. Ramez Labib ramezlabib@yahoo.com Dr. Thomas Visalli tvis624@yahoo.com	Masters & PhD Students	3	N	9/5-12/5	Wednesday	6:00pm-7:00pm	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 and will be manually registered

for courses highlighted in yellow

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