

# SPRING 2024 PHD COURSE SCHEDULE

## School of Graduate Studies Health Science Campus, Newark

Additional courses located on the Master 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	PhD & Masters 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
BMEG 5000Q	Thesis Research	Faculty	Completion of course requirements	4.5 PT 9 FT	S/U	N/A	By Arrangement			
BMEG 5930Q	Biomedical Engineering Research	Faculty		1 to 9	N	N/A	By Arrangement			
BMEG 593AQ BQ CQ	Biomedical Engineering Research	Faculty		2-3	N	N/A	By Arrangement			
CBMM 5020Q	Developmental Biology & Stem Cells	Dr. Diego Fraidenraich fraidedi@njms.rutgers.edu 973-972-5525	PhD & Masters 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	PhD & Masters Students Enrollment Limit: 55 Students	3	N	1/4-4/11	Thursday	6:00pm-9:00pm	In-Person/Remote	MSB B610
CBNP 5000Q	CBNP Thesis Research	Faculty	Completion of course requirements	4.5 PT 9 FT	S/U	N/A	By Arrangement			
CBNP 5033Q	Systems 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	4/30-6/18	Tuesday Wednesday	5:00pm-6:50pm	In-Person/ Remote	MSB B619
CBNP 5036Q	Molecular Physiology of Cell Communication	Dr. Ioana Carcea ic283@njms.rutgers.edu 973-972-7798	Required of all CBNP 1st year students	4	N	1/8-4/20	Monday Wednesday	2:00pm-3:50pm	In-Person	MSB H609

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CBNP 5068Q	Molecular Mechanisms of Diseases	Dr. Lai-Hua Xie xiela@njms.rutgers.edu 973-972-2411	PhD & Masters Students Must have background in Cell & Molecular Biology Enrollment Limit: 20 Students	3	N	2/7-5/8	Wednesday	2:00pm-4:50pm	In-Person/ Remote	MSB B619
CBNP 5156Q	Critical Readings in CBNP	Dr. Gopal Babu primary instructor babugo@njms.rutgers.edu 973-972-5376 Dr. Annie Beauve beuveav@njms.rutgers.edu Dr. Debkumar Pain paine@njms.rutgers.edu	PhD Students	1	S	1/5-4/5	Friday	1:30pm-2:50pm	In-Person	MSB B619
CBNP 5930Q	Lab Rotations in CBNP	Dr. Tibor Rohacs rohacsti@njms.rutgers.edu 973-972-4464	Use this course# for all subsequent rotations	1 to 9	S/U	By Arrangement				
CBNP 593AQ BQ CQ	Lab Rotations in CBNP	Dr. Tibor Rohacs rohacsti@njms.rutgers.edu 973-972-4464	Use for first 3 rotations	2-3	N	By Arrangement				
DENT 5225Q	Bacteriology & Oral Infectious Diseases	Dr. Daniel Kadouri kadourde@sdm.rutgers.edu 973-972-7401	PhD & Masters Students Enrollment Limit: 50 Students	3	N	2/6-4/30	Tuesday Thursday	10:00am-11:50am	In-Person	MSB B619
DENT 5220Q	Methods in Microscopic Imaging	Dr. Kabilan Velliyagounder velliya@sdm.rutgers.edu 973-972-5051	PhD & Masters Students Enrollment Limit: 12 Students	2	N	1/3-4/17	Wednesday	1:00pm-2:50pm	Remote	N/A
GSND 5001Q	Responsible Conduct of Research	Dr. Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	PhD Students	1	S/U	1/22-5/6	Monday	4:00pm-4:50pm	In-Person	MBS B619
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 973-972-4367 office 201-774-0161 cell	PhD & Masters Students Enrollment Limit: 20 Students	3	N	4/30-6/27	Tuesday Thursday	3:20pm-5:50pm	Remote	N/A

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GSND 5120Q	Clinical Implications of Human Poisoning	Dr. Cynthia Santos csi315@njms.rutgers.edu 718-887-6530	PhD & Masters 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	Open to Masters & PhD Students PHPY 5020, PHPY N5021, PHPY N5225 Enrollment Limit: 50 Students	2	N	1/9-3/5	Tuesday	7:00pm-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 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
MBGC 5000Q	MBGC Thesis Research	Faculty	PhD Students	4.5 PT 9 FT	S/U	By Arrangement				
MBGC 5002Q	Intorduction to Genomics, Proteomics, and Bioformatics	Dr. Seema Husain primary instructor husainse@njms.rutgers.edu Dr. Vivian Bellofatto bellofat@njms.rutgers.edu	PhD & Masters Students GSND 5200Q or GSND N500A or permission from the course director Enrollment Limit: 24 Students	2	N	2/26-4/17	Monday Wednesday	10:00am-11:50am	In Person	MSB B619
MBGC 5015Q	Cancer Biology: External Factors in Cancer Progression	Dr. Robert Weider wiederro@njms.rutgers.edu 973-972-4871	PhD Students	2	N	2/23-4/9	Tuesday Friday	10:00am-11:50am	In Person/Remote	CC H1196
MBGC 5020Q	Cancer Biology: Intrinsic Cell Signaling and Cancer Development	Dr. Robert Weider wiederro@njms.rutgers.edu 973-972-4871	PhD Students	2	N	1/2-2/20	Tuesday Friday	10:00am-11:50am	In Person/Remote	CC H1196 room confirmed

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MBCG 5910Q	MBGC Seminar Series	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Fall & Spring registration of this course is required for MBGC students	0.5	S/U	1/2-5/31	Varies	Varies	In-Person/Remote	N/A
MBGC 5930Q*	Lab Rotations in MBGC	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Use this course number for all subsequent rotations	1-9	S/U	By Arrangement				
MBCG 593AQ BQ, CQ*	Lab Rotations in MBGC	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Use for first 3 rotations	2-3	N	By Arrangement				
MPHD 5000Q	MD/PhD Thesis Research	Dr. Padmini Salgame salgampa@njms.rutgers.edu 973-972-8647	Restricted to MD/PhD Students	4.5 PT 9 FT	S/U	By Arrangement				
MPHD 5930Q	MD/PhD Laboratory Research	Dr. Padmini Salgame salgampa@njms.rutgers.edu 973-972-8647	Restricted to MD/PhD Students	1 to 9	S/U	By Arrangement				
MSBS N512Q	Topics in Cancer Stem Cell Biology	Dr. Garima Sinha sinhagarima18@gmail.com	PhD & Masters Students	2	N	5/23-6/27	Thursday	6:00pm-7:50pm	Remote	N/A
MSBS N5134	Hematopoietic Stem Cell Biology and Dysfunction	Dr. Lauren Sherman shermala@njms.rutgers.edu	PhD & Masters 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 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
PHMS 5000Q	Biomedical Science Thesis Research	Faculty	Completion of course requirements	4.5 PT 9 FT	S/U	By Arrangement				

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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	PhD & Masters 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	PhD & Masters 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 B616 b&c Thursday
PHPY N526Q	Principles of Toxicology II	Dr. Ramez Labib ramezlabib@yahoo.com Dr. Thomas Visalli tvis624@yahoo.com	PhD & Masters Students	3	N	2/6-5/7	Tuesday	6:00pm-6:50pm	Remote	N/A
TII 5000Q	III Thesis Research	Faculty	PhD Students	4.5 PT 9 FT	S/U	By Arrangement				
TIII 5022Q	Advanced Concepts in I3	Dr. George Yap primary instructor yapgs@njms.rutgers.edu 973-972-5394	PHD Students TIII 5620Q and PATH 5210Q	4	N	2/26-6/21	Monday Wednesday	1:00pm-2:50pm	In-Person	CC 1196
TIII 555CQ	Critical Readings in Virology	Dr. Theresa Chang changth@njms.rutgers.edu 973-634-4553	PhD Students	0.5	N	3/12-4/30	Tuesday	9:30am-11:00am	In-Person	ICPH Auditorium
TIII 5055Q Section 004	Critical Readings: Tuberculosis	Dr. Selvakumar Subbian subbiase@njms.rutgers.edu 973-854-3226	PHD Students	0.5	N	5/1-6/19	Wednesday	3:30pm-5:00pm	In-Person	ICPH C306
TIII 5930Q	Lab Rotations I*	Dr. David Lukac lukacdm@njms.rutgers.edu 973-972-4868	Use this course# for all subsequent rotations	1 to 9	S/U	By Arrangement				
TIII 593AQ BQ CQ	Lab Rotations I*	Dr. David Lukac lukacdm@njms.rutgers.edu 973-972-4868	Use for the first 3 rotations	2-3	N	By Arrangement				

**First Three Rotations- register for A, B, C respectively- all subsequent rotations register for 1 to 9 or S/U**

During the online registration period, students may obtain email permission from the course director and forward to the Registrar office [leeba@gsbs.rutgers.edu](mailto:leeba@gsbs.rutgers.edu) and will be manually registered

for courses highlighted in yellow

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

[It is the responsibility of the student to contact the professors for update-to-date course information. Emails & phone numbers are provided for your convenience](#)