

Fall 2025 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 5290Q	Critical Readings of the Literature	Dr. Aimee Beaulieu ab1550@njms.rutgers.edu Dr. Carol Lutz lutzcs@njms.rutgers.edu	PhD Students Instructor's permission is required	3	N	9/3-12/10	Monday Wednesday	1:00pm-2:45pm	In-Person	MSB B619
BMEG 5000Q	Thesis Research	Faculty	Completion of course requirements	4.5 PT 9 FT	S/U	N/A	By Arrangement			
BMEG 593 AQ BQ CQ	Biomedical Engineering Research	Faculty	First year PhD students select 3 credits	2 or 3	N	N/A	By Arrangement			
BMEG 5930Q	Biomedical Engineering Research	Faculty		1 to 9	S/U	N/A	By Arrangement			
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	9/10-12/3	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	9/2-12/9	Tuesday	9:30am-12:30pm	In-Person/Remote	MSB B610
CBNP 5000Q	CBNP Thesis Research	Faculty	PhD Students	4.5 PT 9 FT	S/U	N/A	By Arrangement			
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	8/26-10/15	Tuesday Wednesday	5:30pm-7:20pm	In-Person/Remote	MSB B619

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CBNP 5150Q	Cell/Developmental Neuroscience	Dr. Terri Wood woodte@njms.rutgers.edu 973-972-6529	PhD Students All other students require permission from instructor	1	N	10/20-12/8	Monday Wednesday	1:00pm-2:25pm	In-Person/Remote	CC-H1196
CBNP 5155Q	Critical Readings in CBNP	Dr. Dominic Delre delredo@njms.rutgers.edu 973-972-1658 Dr. Sophie Astrof sa1491@njms.rutgers.edu	PhD Students	1	N	9/9-12/16	Tuesday	1:00pm-2:50pm	In-Person	MSB G609B
CBNP 5165Q	Foundations of Integrative Human Physiology	Dr. Michael Falvo michael.falvo@njms.rutgers.edu	PhD & Masters Students	2	N	9/9-11/6	Tuesday Thursday	3:30pm-5:20pm	In-Person/Remote	MSB H609
CBNP 593AQ BQ CQ	Lab Rotations in CBNP	Dr. Tibor Rohacs rohacsti@njms.rutgers.edu 973-972-4464	Use for first 3 rotations First year PhD students select 3 credits	2 or 3	N	By Arrangement				
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				
DENT 5000Q	Thesis Research	Faculty	Completion of course requirements	4-9 FT	S/U	By Arrangement				
DENT 5145Q	Introduction to Structural Biology	Dr. Narayanan Ramasubbu ramasunl@sdm.rutgers.edu 973-972-0704	PhD & Masters Students Enrollment Limit: 40 Students	1	N	9/3-12/17	Wednesday	10:00am-10:50am	Remote	N/A
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	9/3-12/17	Wednesday	1:00pm-2:50pm	In-Person/Remote	Requested MSB C600

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DENT 5226Q	Bacteriology and Oral Disease	Daniel Kadouri kadourde@sdm.rutgers.edu 973-972-7401	PHD & Masters Students Not open to students who have taken Bacteriology and Oral Infectious Diseases DENT 5225Q. Students who have taken Oral Microbiology DENT 5300Q will need to obtain approval from the course director.	2	N	9/2-11/4	Tuesday Thursday	10:00am-12:00pm	Remote	N/A
GSND 0596Q	Professional Skills 1	Dr. Steven Levison levisosw@njms.rutgers.edu 973-972-5162	PhD Students G2 students Register online All other students require permission from instructor Enrollment Limit: 30 Students	1	S/U	9/3-10/13	Monday Wednesday Friday	3:00pm-4:20pm 4:00pm-5:20pm 3:00pm-4:20pm	In-Person	CC G1196
GSND 5006Q	Grantsmanship Skills	Dr. Terri Wood woodte@njms.rutgers.edu 973-972-6529 Dr. Tessa Bergsbaken t.bergsbaken@rutgers.edu 973-972-7933	PhD Students	2	S/U	10/21-2/27	Tuesday	3:00pm-4:50pm	In-Person	MSS B619
GSND 5113Q	Gene Expression	Dr. Emanuel Goldman egoldman@njms.rutgers.edu 201-774-0161	PhD & Masters Students Enrollment Limit: 70 Students	3	N	9/2-12/16	Tuesday	2:20pm-5:00pm	In-Person/Remote	ICPH Auditorium
GSND 5135Q	Research Design & Statistics	Dr. Catherine E. Myers cemyers@njms.rutgers.edu 973-676-1000 x1810	2nd Year PhD Students Enrollment Limit: 35 Students	2	N	8/25-12/8	Monday	5:00pm-7:00pm	In-Person	MSB B619
GSND 5200Q	Introduction to Biomedical Sciences (CORE)	Dr. Joshua Berlin berlinjr@njms.rutgers.edu 973-972-1618	Mandatory for first year PhD Students. Master students with permission	5	P/F	9/2-11/26 Tuesday classes end 10/7	Monday Tuesday Wednesday Friday	9:30am-11:30am	In-Person	MSB B619
GSND 5235Q	Principles of Clinical & Translational Research in Oncology	Dr. Robert Wieder wiederro@njms.rutgers.edu 973-972-4871	PhD & Masters Students Enrollment Limit: 24 Students	2	N	9/8-12/8	Monday	6:00pm-8:15pm	In-Person/Remote	CC G1196
GSND 5320Q	Pharmacology & Pharmaceutical Marketing	Dr. David Segarnick segarnick@njms.rutgers.edu 201-919-1202	Open to Masters & PhD Students PHPY 5020, PHPY N5021, PHPY N5225 Enrollment Limit: 50 Students	2	N	9/9-11/4	Tuesday	7:00pm-8:30pm	Remote	N/A

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GSND 5325Q Section 001	Introduction to BioMedical Ethics	Dr. Michael Shapiro mes362@njms.rutgers.edu 973-972-5017	Enrollment Limit: 30 Students	2	N	9/11-12/11	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	9/9-12/9	Tuesday	2:00pm-3:50pm	In-Person	MSB C600
GSND 5335Q	Coronavirus Molecular Biology/Medicine	Dr. Michael Mathews mathews@njms.rutgers.edu 973-972-3133	PhD & Masters Students	2	N	10/21-12/18	Tuesday Thursday	1:00pm-3:00pm	In-Person/Remote	MSB B610
GSND 5355Q	Machine Learning for Biomedical Data	Dr. Evan Johnson wj183@njms.rutgers.edu 801-472-6951	PhD & Master Students Must have taken Funds of Data Science Enrollment Limit: 30	2	N	10/14-12/11	Tuesday Thursday	12:00pm-1:50pm	In-Person/ Remote	TBA
MBGC 5000Q	MBGC Thesis Research	Faculty	PhD Students	4.5 PT 9 FT	S/U	By Arrangement				
MBGC 5071Q	Chromosome Dynamics: From Structural to Genetic Variation and Disease	Dr. Katsunori Sugimoto sugimoka@njms.rutgers.edu 973-972-5515	Masters students must contact Dr. Sugimoto before registration. Course details: https://sugimoka.wixsite.com/webste-1/group/mbgc-5071/discussion Enrollment Limit: 10 Student	2	N	9/15-12/16	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	PhD Students & Masters	2	N	10/20-12/15	Monday Thursday	6:00pm-7:50pm	In-Person/Remote	TBA
MBGC 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	9/1-12/19	Varies	Varies	In-Person/Remote	N/A

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MBGC 593AQ BQ, CQ*	Lab Rotations in MBGC	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Use for first 3 rotations First year PhD students select 3 credits	2 or 3	N	By Arrangement				
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 to 9	S/U	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 5130Q	Stem Cell Biology & Applications in Molecular Medicine	Dr. Lauren Sherman shermala@njms.rutgers.edu	PhD Students & Masters	3	N	9/23-12/16	Tuesday	6:00pm-9:00pm	In-Person	MSB B619b/c
MSBS 520AQ	Advanced Stem Cells Seminar	Dr. Marina Gergues mgergues@gmail.com	Masters & PhD Students Enrollment Limit: 35 Students	2	N	9/10-12/10	Wednesday	6:00pm-7:50pm	Remote	N/A
NEUR 5200Q	Fundamentals of Neuroscience	Dr. Steven Levison levisosw@njms.rutgers.edu 973-972-5162	PhD & Master Students	3	N	8/28-12/18	Thursday	5:00pm-7:50pm	In-Person/Remote	MSB B552
PATH 5100Q	Cellular Pathology	Dr. Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	PhD & Masters Students	2	N	10/20-12/18	Monday Thursday	4:00pm-5:50pm	In-Person/Webex	MSB B556
PATH 5210Q	Molecular & Cellular Immunology	Dr. Patricia Fitzgerald-Bocarsly bocarsly@njms.rutgers.edu Dr. Christine Rohowsky-Kochan rohowsckm@njms.rutgers.edu	PhD Students	3	N	10/20-2/23	Monday Wednesday	2:30pm-3:50pm	In-Person	MSB B610
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: 50 Students	3	N	9/3-12/17	Wednesday	6:00pm-9:00pm	In-Person/Remote	TBA

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PHMS 5000Q	Biomedical Science Thesis Research	Completion of course requirements	N/A	4.5 PT 9 FT	S/U	By Arrangement				
PHMS 5930Q	Interdisciplinary Research	Completion of course requirements	N/A	2	S/U	By Arrangement				
PHPY N5021	Fundamentals of Pharmacology	Dr. Lawrence Gaspers gasperld@njms.rutgers.edu 973-972-5379	PhD & Masters Students Enrollment Limit: 230 Students	3	N	9/8-12/15	Monday	6:00pm-8:50pm	In-Person/Remote	MSB B552
PHPY N5225	Principles of Toxicology I	Dr. Ramez Labib ramezlabib@yahoo.com Dr. Thomas Visalli tvis624@yahoo.com	PhD & Masters Students	3	N	9/4-12/4	Thursday	6:00pm-7:00pm	Remote	N/A
TII 5000Q	III Thesis Research	Faculty	PhD Students	4.5 PT 9 FT	S/U	By Arrangement				
TIII 5620Q	Classic & 21st Century Pathogens	Dr. David Lukac lukacdm@njms.rutgers.edu 973-972-4868	PhD Students	2	N	8/25-10/17	Monday Wednesday Friday	2:00pm-3:30pm	In-Person	ICPH E220R and ICPH Boardroom
TIII 593AQ BQ CQ	Lab Rotations I*	Dr. David Lukac lukacdm@njms.rutgers.edu 973-972-4868	Use for first 3 rotations First year PhD students select 3 credits	2 or 3	N	By Arrangement				
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				

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

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

[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](#)