

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
6718 5600S	Communicating Science	Nicholas Ponzio ponzio@njms.rutgers.edu 973-972-5238	PhD Students only. Completion of candidacy exam.	3	S/U	Wednesday	1/23	5/8	4:00 PM	6:50 PM	RWJMS Research Tower, Room V14, Busch Campus, Piscataway
BIOC 5125Q	<u>Viruses, Cells and Disease</u>	Michael Mathews mathews@njms.rutgers.edu 973-972-3133	Open to Masters & PhD students. Approval by Course Directors for Masters students.	2	N	Tuesday & Thursday	1/8	2/26	4:30 PM	6:30 PM	Cancer Center Room G1196 Confirmed by Course Director.
BMEG 5000Q	Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
BMEG 5930Q*	Biomedical Engineering Research	Faculty		1 to 10	S/U	By Arrangement					
BMEG 593AQ, BQ, CQ*	Biomedical Engineering Research	Faculty		2	N	By Arrangement					
CBMM 5020Q	<u>Developmental Biology & Stem Cells</u>	Diego Fraidenaich fraidedi@njms.rutgers.edu 973-972-5525	Open to Masters & PhD students.	2	N	Tuesday & Friday	2/19	4/16	10:00 AM	11:50 AM	MSB Room G609 confirmed by instructor Midterm 3/12/19 Final
CBNP 5000Q	CBNP Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
CBNP 5033Q	<u>Systems Neuroscience</u>	Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682	Enrollment limit 15.	2	N	Tuesday & Wednesday	4/23	6/12	5:00 PM	6:50 PM	MSB Room B619
CBNP 5036Q	<u>Molecular Physiology of Cell Communication</u>	Mariana De Lorenzo delorems@njms.rutgers.edu 973-972-0822 Andrew Harris aharris@njms.rutgers.edu 973-972-1620	Open to PhD Students only. Required of all CNBP 1st year students.	4	N	Monday & Wednesday	1/7	4/17	2:00 PM	4:00 PM	MSB Room G609 Confirmed by Course Instructor

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
CBNP 5037Q	<u>Regenerative Medicine</u>	Elizabeth Moran moranel@njms.rutgers.edu 973-972-5854 Steve Levison levisosw@njms.rutgers.edu 973-972-5162	Open to Masters & PhD students. Background in cell biology and development suggested.	2	N	Tuesday & Thursday	1/3	2/21	3:00 PM	4:50 PM	Cancer Center Room H1196 Requested
CBNP 5068Q	<u>Molecular Mechanisms of Diseases</u>	Yongkyu Park parky1@njms.rutgers.edu 973-972-2969	Open to Masters & PhD students. Background in Cell and Molecular Biology	3	N	Mondays	2/11	5/22	6:00 PM	8:50 PM	MSB Room G609 confirmed by instructor
CBNP 5140Q	Topics in <u>Neuroimmunology</u>	Christine Rohowsky-Kochan rohowscm@njms.rutgers.edu 973-972-7394	Open to Masters & PhD students. Immunology A (PATH511A) or Molecular & Cellular Immunology (PATH5210Q) or permission of course director.	2	N	Monday & Wednesday	2/25	4/17	5:00 PM	6:50 PM	MSB Room C555 Requested
CBNP 5156Q	Critical Readings in CBNP	Gopal Babu babugo@njms.rutgers.edu 973-972-5376 Robert Ledeen ledeenro@njms.rutgers.edu 973-972-7989	Open to PhD Students only.	1	S/U	Friday	1/11	4/5	1:30 PM	2:50 PM	MSB Room H-609B Confirmed by instructor
CBNP 5255Q	<u>Endocrinology of Growth & Metabolism</u>	Nicholas Illsley illsleni@njms.rutgers.edu nillsley@hackensackumc.org 551-996-8122	Open to Masters & PhD students. Limit of 24 Students.	1	N	Wednesday	1/2	2/20	4:00 PM	5:50 PM	MSB room B617 B&C requested
CBNP 5930Q*	Lab Rotations in CBNP	Joshua Berlin berlinjr@njms.rutgers.edu 973-972-1618 Joseph McArdle mcardle@njms.rutgers.edu 973-972-4428	Use this course # for all subsequent rotations.	1 to 10	S/U	By Arrangement					

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
CBNP 593AQ, BQ, CQ*	Lab Rotations in CBNP	Joshua Berlin berlinjr@njms.rutgers.edu 973-972-1618 Joseph McArdle mcardle@njms.rutgers.edu 973-972-4428	Utilize for first 3 rotations	2	N	By Arrangement					
DENT 5000Q	Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
DENT 5025Q	<u>Fundamentals of Dental Materials Science</u>	Anil Ardesna ardeshap@sdm.rutgers.edu 973-972-1892	Open to Masters & PhD students. Enrollment limit 35. See below for the required/recommended text for the course.	2	N	Friday	1/11	4/19	10:00 AM	11:50 AM	MSB Room B619
DENT 5085Q	<u>Dental Biochemistry</u>	Michael A. Lea lea@njms.rutgers.edu 973-972-5345	Open to Masters & PhD students. This is a Dental School course. Limited intake of 15 students only. Special permission required from: Dr. Vincent K. Tsiagbe 973-972-2612 tsiagbvk@sdm.rutgers.edu.	4	N	Monday Wednesday	3/11	6/3	11:00 AM 10:00 AM	12:50 PM 11:50 AM	Dental School Room B961 confirmed by instructor
DENT 5220Q	Methods in Microscopic Imaging	Kabilan Velliyagounder velliyka@sdm.rutgers.edu 973-972-5051	Open to Masters & PhD students. Enrollment Limit 12.	2	N	Wednesday	1/9	4/24	1:00 PM	2:50 PM	Dental School Room C987 confirmed by Instructor

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
DENT 5300Q	<u>Oral Microbiology</u>	Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057	Enrollment limit of 75. (See below for required text). Open to Masters & PhD Students Minimum of B in one of the following: Fundamentals A (GSND N500A) Fundamentals B (GSND 500B) Fundamental of Human Physiology (PHPY 5005Q) BMS (GSND 5200Q) Or approval of a Dental Scholar Advisor	3	N	Monday Wednesday Friday	1/2	2/27	10:00 AM 10:00 AM 10:00 AM	11:50 AM 11:50 AM 11:50 AM	Dental School Room B63 Oral Health Pavilion confirmed by course instructor
DENT 5310Q	Oral Immunology	Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612	Enrollment limit of 70. Open to Masters & PhD Students Minimum of B in one of the following: Fundamentals A (GSND N500A) Fundamentals B (GSND 500B) Fundamental of Human Physiology (PHPY 5005Q) BMS (GSND 5200Q) Or approval of a Dental Scholar Advisor	3	N	Monday Tuesday Wednesday	3/11	4/22	2:00 PM 1:00 PM 8:00 AM	3:50 PM 2:50 PM 9:50 AM	Dental School Room B63 Oral Health Pavilion confirmed by course instructor
DENT 5910Q	Oral Biology Research Seminar	Scott Kachlany kachlasc@sdm.rutgers.edu	Open to Masters & PhD students.	1	N	Friday	1/18	3/29	1:00 PM	1:50 PM	MSB Room C600 requested
GSND 5001Q	Responsible Conduct of Research	Carol Lutz lutzcs@njms.rutgers.edu	Mandatory for all PhD Students.	1	S/U	Monday	1/28	5/6	4:00 PM	4:50 PM	MSB Room B619 Requested
GSND 5006Q	<u>Grantsmanship Skills</u>	Martha Nowycky nowyckmc@njms.rutgers.edu 973-972-4391 Teresa Wood woodte@njms.rutgers.edu 972-972-6529	Open to PhD Students only.	2	S/U	Tuesday Friday	1/4	2/22	3:00 PM 1:00 AM	4:50 PM 2:50 PM	MSB Room C600 requested

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
GSND 5008Q	<u>QA/QI Research in Clinical Settings</u>	Ping-Hsin Chen chenpi@njms.rutgers.edu 973-972-7351 Steven Keller sek1949@gmail.com 973-972-5036	Open to Masters & PhD students. Prior experience in chart reviews and statistical analysis are not assumed or required. Enrollment limit of 35. Immunizations according to Rutgers policy.	3	N	Thursday	1/10	4/18	12:00 PM	1:50 PM	MSB Room B516 & B542 requested
GSND 5300Q	Independent Study in Biomedical Sciences	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899		1 to 4	S/U	By Arrangement					
GSND 5325Q	Introduction to Bio-Medical Ethics	Dr. Michael E. Shapiro mes362@njms.rutgers.edu 973-972-6639	Open to Masters and PhS students Enrollment Limit 30	2	N	Thursday	1/3	5/2	10:00 AM	11:50 AM	MSB room B617 B&C requested
GSND 5910Q	MD/PhD Seminar/Journal Club	Padmini Salgame salgampa@njms.rutgers.edu 973-972-8647	Restricted to students in MD/PhD program.	1 to 10	S/U	By Arrangement					
MBGC 5000Q	MBGC Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
MBGC 5002Q	Introduction to Genomics, Proteomics, and Bioinformatics	Maryam Hassimi mh1140@scarletmail.rutgers.edu Vivian Bellofatto bellofat@rutgers.edu	Open to Masters & PhD students. IBMS (GSND 5200Q) or Fundamentals A (GSND N500A) or permission of the course director.	2	N	Monday & Wednesday	2/25	4/17	10:00 AM	11:50 AM	MSB room B617 B&C requested
MBGC 5015Q	<u>Cancer Biology: Extrinsic Factors in Cancer Progression</u>	Ian Whitehead whiteip@njms.rutgers.edu 973-972-5215	PhD Students only.	2	N	Tuesday & Friday	3/1	4/16	10:00 AM	11:50 AM	Cancer Center Room H1196 Confirmed by Course instructor
MBGC 5020Q	<u>Cancer Biology: Intrinsic Cell Signaling and Cancer Development</u>	Ian Whitehead whiteip@njms.rutgers.edu 973-972-5215	PhD Students only.	2	N	Tuesday & Friday	1/8	2/26	10:00 AM	11:50 AM	Cancer Center Room H1196 Confirmed by Course instructor

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
MPHD 5930Q	MD/PhD Laboratory Research	Padmini Salgame salgampa@njms.rutgers.edu 973-972-8647	Restricted to students in MD/PhD program.	1 to 10	S/U	By Arrangement					
MSBS 5120Q	Pharmaceutical Internships	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Open to Masters & PhD students. Permission of the course director.	2 to 3	S/U	By Arrangement					
MSBS 5125Q	Teacher Training Internship	Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899	Open to Masters & PhD students. Permission of Dr. Lutz.	1 to 3	S/U	By Arrangement					
MSBS N5134	<u>Hematopoietic Stem Cell Biology</u>	Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students. Background in cell biology and stem cell biology suggested.	2	N	Mondays	1/28	4/1	6:00 PM	7:50 PM	MSB Room B610 requested
MSBS N512Q	<u>Topics in Cancer Stem Cell Biology</u>	Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625	Open to Masters & PhD students.	2	N	Tuesday & Thursday	5/28	7/2	6:00 PM	7:50 PM	MSB Room B610 requested
NEUR N5040	<u>Neurobiology of Disease</u>	Kevin Beck beckkd@njms.rutgers.edu 973-676-1000 x3682 Stella Elkabes elkabest@njms.rutgers.edu 973-972-5163	Open to Masters & PhD students. Fundamentals of Neuroscience (NEUR 5200Q) or permission of course director.	3	N	Thursday	1/10	4/18	5:30 PM	8:20 PM	Cancer Center Room F1196 Confirmed by course director
PATH 5000Q	Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
PATH 5130Q	DNA Repair in Health and Disease	Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405	Class size limited to 26 students This course is for PhD and Masters students	1	N	Monday & Wednesday	1/14	2/25	4:00 PM	5:20 PM	MSB Room B619 B&C Requested
PHMS 5000Q	Interdisciplinary Ph.D. Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
PHPY 5005Q	Fundamentals of Human Physiology	Krista Blackwell blackwkn@njms.rutgers.edu 973-972-2863	Open to Masters & PhD students. PhD students must have permission to enroll in the course.	3	N	Monday	1/7/19	4/22/19	2:00 PM	4:50 PM	MSB Room B552
PHPY 5085Q	<u>Neuroendocrinology: Regulation of Physiological Processes</u>	Vanessa Routh routhvh@njms.rutgers.edu 973-972-1489	Open to Masters & PhD students. IBMS (GSND 5200Q) or Fundamentals A (GSND N500A), or permission of course director. Physiological Principles (PHPY 5290) and/or Foundations in Neuroscience (NEUR 5110) suggested but not required.	2	N	Tuesday & Thursday	2/26	4/18	4:00 PM	5:50 PM	MSB Room H609 Confirmed by Course Director MSB B610 requested for 3/21 and 4/18
PHPY N526Q	Principles of Toxicology II	Ramez Labib ramezlabib@yahoo.com Thomas Visalli tvis624@yahoo.com	Open to Masters & PhD students.	3	N	Tuesday	2/5	5/7	6:00 PM	8:50 PM	MSB Room B-556 Requested
TIII 5000Q	I3 Thesis Research	Faculty	Completion of course requirements.	5 PT 10 FT	S/U	By Arrangement					
TIII 5021Q	Molecular Pathogenesis of Bacteria	Nikhat Parveen parveeni@njms.rutgers.edu 973-972-5218		2	N	Tuesday & Friday	2/12	4/19	9:30 AM	11:30 AM	ICPH Room E220R
TIII 5022Q	<u>Advanced Concepts in I3</u>	George Yap yapgs@njms.rutgers.edu 973-972-5394 Padmini Salgame salgampa@njms.rutgers.edu 973-972-9490	Open to PhD students only. Classic & 21st Century Pathogens (TIII 5620Q) and Molecular & Cellular Immunology (PATH 5210Q).	4	N	Monday & Wednesday	2/25	6/12	1:00 PM	2:50 PM	Cancer Center Room F1196 Requested
TIII 5170Q	<u>Antigenic Variation and Drug Resistance in Infectious Diseases</u>	Katsunori Sugimoto sugimoka@rutgers.edu 973-972-4436		0.5	N	Tuesday	2/5	3/26	9:30 AM	10:30 AM	TBA
TIII 555DQ	<u>Critical Reading in Parasitology</u>	Purnima Bhanot bhanotpu@njms.rutgers.edu 973-972-3273		1	N	Tuesday	5/1	8/30	10:00 AM	11:00 AM	TBA

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
TIII 5930Q*	Lab Rotations in I3	David M. Lukac lukacdm@njms.rutgers.edu 973-972-4868 Matthew Neiditch neiditmb@njms.rutgers.edu 973-972-8981	Use this course # for all subsequent rotations.	1 to 10	S/U						By Arrangement
TIII 593AQ, BQ, CQ*	Lab Rotations in I3	David M. Lukac lukacdm@njms.rutgers.edu 973-972-4868 Matthew Neiditch neiditmb@njms.rutgers.edu 973-972-8981	Utilize for the first 3 rotations.	2	N						By Arrangement

*** First three rotations -- register for A, B, C respectively -- all subsequent rotations register for 1 to 10 cr S/U**

Last Update: 12/27/18 MB

Required/Recommended Text

BIOC 5100Q	<i>Molecular Oncology</i>	R.A. Weinberg. The Biology of Cancer, Garland Science, New York, NY, 2014
CBNP 5037Q	<i>Regenerative Medicine</i>	David L. Stocum entitled "Regenerative Biology and Medicine" 2nd Edition which is published by Academic Press. ISBN: 978-0-12-384860-4.
CBNP 5170Q	<i>Exercise & Environmental Physiology</i>	ACSM' Advanced Exercise Physiology
CBNP	<i>Introduction to Neurochemistry & Neuropharmacology</i>	Basic Neurochemistry, Eighth Edition: Principles of Molecular, Cellular, and Medical Neurobiology
DENT	<i>Fundamentals of Dental Materials Science</i>	Introduction to Dental Materials 4 th Edition. Richard Van Noort
DENT 5085Q	<i>Dental Biochemistry</i>	Lippincott's Illustrated Reviews in Biochemistry, 6th North American Ed. ISBN-13:978-1451175622. See Syllabus for more
DENT 5300Q	<i>Oral Microbiology</i>	Medical Microbiology, 7th edition. Murray, et al. Mosby, Inc. ISBN: 978-0-323-08692-9.
DENT 5310Q	<i>Oral Immunology</i>	Recommended: Janeway's Immunology, 9 th edition, 2017. ISBN: 978-0-8153-4505-3, see syllabus for others
MBGC 5002Q	<i>Introduction to Genomics, Proteomics & Bioinformatics</i>	Recommended Textbooks: Discovering Genomics, Proteomics & Bioinformatics (2nd Edition. 2006) Campbell A. M. & Heyer L. J. (Benjamin Cummings).

SPRING 2019 PHD COURSE SCHEDULE

School of Graduate studies

Consult (<http://njms.rutgers.edu/gsbs/index.cfm>) or respective Course Director(s) for up to date information.

Please note that it is the responsibility of the student to contact the respective course director(s) for the correct time, dates and room assignment information. Instructor e-mail addresses and phone numbers are provided for your convenience.

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

During the online registration period, students may obtain email permission from the course director and forward the email to the Registrar at leeba@gsbs.rutgers.edu to be manually registered in any course highlighted in yellow. Add/Drop forms and signatures are required after online registration has ended.

Course #	Title	Course Director	Prerequisites	Credits	Grade Mode	Day(s)	Start Date	End Date	Start Time	End Time	Location
MBGC 5015Q	<i>Cancer Biology: Extrinsic Factors in Cancer Progression</i>										
MBGC 5020Q	<i>Cancer Biology: Intrinsic Cell Signaling and Cancer Development</i>										
MSBS N5134	<i>Hematopoietic Stem Cell Biology and Dysfunction</i>		Recommended: Clinical+A2:L85A1:L85								Hematology, Edited by Neal S. Young, Stanton L. Gerson and Katherine A. High. Mosby Elsevier, ISBN 0-323-01908-0