

SPRING 2017 PHD COURSE SCHEDULE

Graduate School of Biomedical Sciences

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

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| 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. | 0 | S/U | Wednesday | 1/18 | 5/3 | 4:00 PM | 7:00 PM | Piscataway campus (Bldg TBA) |
| BIOC 5000Q | Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |
| BIOC 5007Q | <u>Foundations of Biochemistry and Molecular Biology</u> | Virendra N Pandey vnp22@njms.rutgers.edu 973-972-0660 | Open to Masters & PhD students. | 1 | N | Monday & Thursday | 3/6 | 4/27 | 5:00 PM | 6:00 PM | Auditorium/ Conference room, ICPH building |
| BIOC 5100Q | <u>Molecular Oncology</u> | Michael A. Lea lea@njms.rutgers.edu 973-972-5345 | Open to Masters & PhD students. | 2 | N | Monday | 1/9 | 5/15 | 6:00 PM | 8:00 PM | ICPH Auditorium |
| BIOC 5125Q | <u>Viruses, Cells and Disease</u> | Michael Mathews mathews@njms.rutgers.edu 973-972-3133 Sergei Kotenko kotenkse@njms.rutgers.edu 973-972-3134 | Open to Masters & PhD students. Approval by Course Directors for Masters students. | 2 | N | Tuesday & Thursday | 1/10 | 2/28 | 5:00 PM | 7:00 PM | Cancer Center G-1196 CONFIRMED |
| 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 5000Q | Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | 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 | 2/21 | 4/11 | 10:00 AM | 12:00 PM | MSB G-609B CONFIRMED |
| CBNP 5000Q | CBNP Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |

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|------------|---|--|---|---------|------------|-------------------------|------------|----------|------------|----------|--|
| CBNP 5033Q | <u>Systems Neuroscience</u> | Kevin Pang pangke@njms.rutgers.edu 973-676-1000 x-1277 | Enrollment limit 15. | 2 | N | Tuesday & Wednesday | 4/25 | 6/14 | 5:00 PM | 7:00 PM | MSB Room B605 CONFIRMED |
| 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 CBNP 1st year students. | 4 | N | Monday & Wednesday | 1/2 | 4/19 | 3:00 PM | 5:00 PM | MSB G609 CONFIRMED |
| 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 | Monday & Wednesday | 4/24 | 6/14 | 3:00 PM | 5:00 PM | Cancer Center Room G1196 CONFIRMED |
| 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 | Monday | 2/13 | 5/22 | 9:00 AM | 12:00 PM | MSB G-609 CONFIRMED |
| CBNP 5140Q | <u>Topics in 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 | 4/24 | 6/14 | 5:00 PM | 7:00 PM | TBA |
| CBNP 5160Q | <u>Human Stem Cell Differentiation</u> | Diego Fraidenaich fraidedi@njms.rutgers.edu 973-972-5525 | Open to PhD and Masters students Limited size of 8 (Intensive lab Course for 3 weeks) | 2 | N | Monday through Saturday | 6/5 | 6/23 | 10:00 AM | 12:00 PM | MSB G-level (iPSC Core) CONFIRMED |
| CBNP 5155Q | 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 | 1/13 | 4/7 | 1:30 PM | 3:00 PM | TBA |

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| CBNP 5170Q | Exercise & Environmental Physiology | Jorge Serrador jorge.serrador@rutgers.edu 973-676-1000 x12805 Michael Falvo michael.falvo@va.gov 973-676-1000 x12423 | Open to PhD students only. Foundations of Integrative Physiology (CBNP 5165Q) or permission of course director. | 2 | N | Tuesday Wednesday | TBA | TBA | TBA TBA | TBA TBA | TBA |
| CBNP 5255Q | Endocrinology of Growth & Metabolism | Nicholas Illsley illsleni@njms.rutgers.edu nillsley@hackensackumc.org 551-996-8122 | Open to Masters & PhD students. Limit of 24 Students. | 1 | N | Wednesday | 1/4 | 2/22 | 4:00 PM | 6:00 PM | MSB Room B617 CONFIRMED |
| CBNP 5265Q | Heart Function and Pathophysiology | Joshua Berlin josh.berlin@rutgers.edu 973-972-1618 | Open to Masters & PhD students. IBMS (GSND 5200Q) and MPCC (CBNP 5036Q), or permission of course director | 2 | N | Wednesday | TBA | TBA | TBA | TBA | TBA |
| 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 | | | | | |
| 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 | Fundamentals of Dental Materials Science | Anil Ardesbna 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 | 1/6 | 4/24 | 10:00 AM | 12:00 PM | Dental School Room B721 CONFIRMED |
| | | Richard Howells howells@njms.rutgers.edu | Open to Masters & PhD students. This is a Dental School course. | | | Monday | | | 10:00 AM | 11:50 AM | Oral Health |

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| DENT 5085Q | <u>Dental Biochemistry</u> | 973-972-5652 Michael A. Lea lea@njms.rutgers.edu 973-972-5345 | Limited intake of 15 students only. Special permission required from: Dr. Vincent K. Tsiagbe 973-972-2612 tsiagbvk@sdm.rutgers.edu. | 4 | N | Wednesday Thursday | 1/4 | 3/9 | 10:00 AM 10:00 AM | 11:50 AM 11:50 AM | Pavilion B-961 CONFIRMED |
| DENT 5220Q | Methods in Microscopic Imaging | Kabilan Velliyagounder velliya@sdm.rutgers.edu 973-972-5051 | Open to Masters & PhD students. Enrollment Limit 12. | 2 | N | Wednesday | 1/4 | 4/19 | 1:00 PM | 3:00 PM | Dental School Room C987 |
| DENT 5300Q | <u>Oral Microbiology</u> | Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057 | Open to both Masters and PhD students. Enrollment limit of 75. (See below for required text). | 3 | N | Monday Tuesday Wednesday | 3/13 | 5/10 | 11:00 AM 2:00 PM 11:00 AM | 12:50 PM 3:50 PM 12:50 PM | Oral Health Pavilion B-963 |
| DENT 5310Q | <u>Oral Immunology</u> | Vincent Tsiagbe tsiagbvk@sdm.rutgers.edu 973-972-2612 | Open to Masters & PhD students. Limit of 75 students. | 3 | N | Monday Tuesday Wednesday | 5/15 | 6/9 | 11:00 AM 2:00 PM 11:00 AM | 12:50 PM 3:50 PM 12:50 PM | Oral Health Pavilion B-963 |
| DENT 5910Q | Oral Biology Research Seminar | Scott Kachlany kachlasc@sdm.rutgers.edu 973-972-3057 | Open to Masters & PhD students. | 1 | N | Friday | 1/20 | 3/31 | 1:00 PM | 2:00 PM | MSB C-600 |
| GSND 5001Q | Responsible Conduct of Research | Nancy Connell connell@njms.rutgers.edu 973-972-3759 | Mandatory for all PhD Students. | 1 | N | Tuesday | 1/24 | 4/11 | 1:30 PM | 3:00 PM | MSB Room B-520 |
| GSND 5006Q | <u>Professional Skills II:</u> <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 | 1/3 | 2/24 | 3:00 PM 1:00 PM | 5:00 PM 3:00 PM | MSB Room C-600 and B-554 CONFIRMED Please review the schedule |

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| 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 | 1/12 | 4/20 | Lecture 1:00 PM | Lecture 3:00 PM | MSB Room B522 Confirmed |
| | | | | | | | | | Lab 12:00 PM - 1:00 PM | Lab 3:00 PM - 4:00 PM | |
| GSND 5300Q | Independent Study in Biomedical Sciences | Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899 | | 1 to 4 | S/U | By Arrangement | | | | | |
| GSND 5320Q | <u>Pharmacology and Drug Marketing</u> | David Segarnick segarnjd@njms.rutgers.edu 973-996-2367 | Open to Masters & PhD students. Principles of Pharmacology (PHPY 5020) or Fundamentals of Pharmacology (PHPY N5021) or Principles of Toxicology (PHPY N5225). See below for the required/recommended text for the course. | 2 | N | Tuesday | 1/10 | 4/4 | 7:00 PM | 9:00 PM | MSB Room B-610 CONFIRMED |
| 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 | 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 | 2/27 | 4/19 | 10:00 AM | 12:00 PM | MSB B540 A&B CONFIRMED |
| | | | | | | Wednesday | | | | | MSB B540 A&B CONFIRMED |
| 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 | 3/3 | 4/25 | 10:00 AM | 12:00 PM | Cancer Center Room H-1196 CONFIRMED |
| 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 | 1/10 | 2/28 | 10:00 AM | 12:00 PM | Cancer Center Room H-1196 CONFIRMED |

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| MBGC-5055Q | <u>Molecular Genetics of Model Organisms</u> | David Kaback kaback@njms.rutgers.edu 973-972-8967 | IBMS-GSND-5200Q | 2 | N | Monday & Friday | 2/27 | 4/21 | 9:30 AM | 11:30 AM | MSB Room B-619-CONFIRMED |
| MBGC 5910Q | MBGC Seminar Series | Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405 Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899 | Required course for MBGC students. Must register in the Fall AND Spring. | 0.5 | S/U | Thursday | 1/3 | 6/5 | TBA | TBA | TBA |
| MBGC 5930Q* | Lab Rotations in MBGC | Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405 Carol Lutz lutzcs@njms.rutgers.edu 973-972-0899 | Use this course # for all subsequent rotations. | 1 to 10 | S/U | By Arrangement | | | | | |
| MBGC 593AQ, BQ, CQ* | Lab Rotations in MBGC | Muriel Lambert mlambert@njms.rutgers.edu 973-972-4405 | Utilize for first 3 rotations. | 2 | N | By Arrangement | | | | | |
| MICR 5000Q | Microbiology Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |
| MICR 5231Q | <u>Molecular Virology</u> | Hua Zhu zhuhu@njms.rutgers.edu 973-972-6488 | Open to Masters & PhD students. Fundamentals A (GSND N500A), or IBMS (GSND 5200Q), or MGM (GSND 5210Q), or permission of course director. | 3 | N | Monday, Tuesday & Thursday | 6/1 | 7/3 | 5:30 PM | 8:30 PM | ICPH Auditorium |
| MICR N5233 | <u>Microbes and Infectious Disease</u> | Stephen Garrett garretst@njms.rutgers.edu 973-972-4511 | Open to Masters & PhD students. | 3 | N | Tuesday | 1/3 | 4/25 | 2:00 PM | 5:00 PM | MSB Room B-554 CONFIRMED except on 3/7/17 MSB Room B-552 |
| MPHD 5000Q | MD/PhD Thesis Research | Padmini Salgame salgampa@njms.rutgers.edu 973-972-8647 | Restricted to students in MD/PhD program. | 5 PT 10 FT | S/U | By Arrangement | | | | | |

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| MPHD 5930Q | MD/PhD Laboratory Research | Padmini Salgame algampa@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 | Monday | 1/23 | 3/27 | 6:00 PM | 8:00 PM | MSB Room B-610 CONFIRMED |
| MSBS N512Q | <u>Topics in Cancer Stem Cell Biology</u> | Pranela Rameshwar rameshwa@njms.rutgers.edu 973-972-0625 | Open to Masters & PhD students. Enrollment Limit 8 | 2 | N | Tuesday & Thursday | 5/30 | 7/6 | 6:00 PM | 8:00 PM | MSB Room B-610 CONFIRMED |
| NEUR 5000Q | Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |
| NEUR 5240Q | Demyelinating Diseases | Teresa Wood woodte@njms.rutgers.edu 972-972-6529 | Open to Masters & PhD students. Cellular & Developmental Neuroscience (CBNP 5150Q) or permission of course director. Permission of course director for Masters students is required. Enrollment Limit 8 | 1 | N | TBD | 4/24 | 6/9 | TBD | TBD | Cancer Center Conference Room CONFIRMED |
| 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 | 1/5 | 4/13 | 5:30 PM | 8:30 PM | MSB Room B610 CONFIRMED |
| 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 | | 1 | N | Monday & Wednesday | 1/23 | 3/1 | 4:00 PM | 5:30 PM | MSB Room B-610 CONFIRMED |

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| PHMS 5000Q | Interdisciplinary Ph.D. Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |
| PHPY 5000Q | Thesis Research | Pharm/Phys Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |
| PHPY 5005Q | <u>Fundamentals of Human Physiology</u> | 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 | 1/9 | 4/24 | 2:00 PM | 5:00 PM | MSB Room B-554 CONFIRMED except on 3/6/17 MSB Room B-610 |
| 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 | 2/28 | 4/20 | 4:00 PM | 6:00 PM | MSB Room H-609 |
| PHPY 5930Q* | Research in Pharmacology and Physiology | Martha Nowycky nowyckmc@njms.rutgers.edu 973-972-4391 | Limited to PHPY PhDs. | 1 to 10 | S/U | By Arrangement | | | | | |
| PHPY N526Q | Principles of Toxicology II | Ramez Labib ramezlabib@yahoo.com Thomas Visalli tvis624@yahoo.com | Open to Masters & PhD students. | 3 | N | Tuesday | 2/7 | 5/9 | 6:00 PM | 9:00 PM | MSB Room B-552 CONFIRMED |
| TIH 5000Q | I3 Thesis Research | Faculty | Completion of course requirements. | 5 PT 10 FT | S/U | By Arrangement | | | | | |

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|---------------------|--|---|--|---------|------------|--------------------|------------|----------|------------|----------|--|
| TIII 5021Q | Molecular Pathogenesis of Bacteria | Nikhath Parveen parveeni@njms.rutgers.edu 973-972-5218 | Open to PhD Students only. | 2 | N | Monday & Wednesday | 2/8 | 4/8 | 9:30 AM | 11:30 AM | ICPH Room dependent on class size |
| TIII 5022Q | Advanced Concepts in I3 | 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 | 2/27 | 6/14 | 1:00 PM | 3:00 PM | Cancer Center Room F1196 Confirmed |
| TIII 5160Q | Critical Readings in the Chemical Biology of Pathogens | Joel Freundlich freundjs@rutgers.edu 973-972-7165 | Open to PhD Students only. | 0.5 | N | Tuesday | 4/17 | 5/22 | 9:30 AM | 11:00 AM | TBA |
| TIII 555DQ | Critical Readings in Parasitology | Purnima Bhanot bhanotpu@njms.rutgers.edu 973-972-3273 | Open to PhD Students only. Minimum enrollment of 2 students. | 0.5 | N | Tuesday | 2/27 | 4/25 | 10:00 AM | 11:30 AM | MSB Room B603 on 2/27 & 4/25 MSB Room B601 all other dates CONFIRMED |
| TIII 5930Q* | Lab Rotations in I3 | David M. Lukac lukacdm@njms.rutgers.edu 973-972-4868 Matthew Neiditch | 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

SPRING 2017 PHD COURSE SCHEDULE

Graduate School of Biomedical Sciences

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 |
|----------------------------------|--|-----------------|---------------|---------|------------|--------|------------|----------|------------|----------|---|
| Last Update: 2-15-17 MM | | | | | | | | | | | |
| 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 5250Q | <i>Introduction to Neurochemistry & Neuropharmacology</i> | | | | | | | | | | Basic Neurochemistry, Eighth Edition: Principles of Molecular, Cellular, and Medical Neurobiology |
| DENT 5025Q | <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> | | | | | | | | | | Janeway's Immunology, 9th edition, 2016, ISBN: 9780815345053. |
| GSND 5320Q | <i>Pharmacology and Drug Marketing</i> | | | | | | | | | | The Pharmacological Basis of Therapeutics (12th edition) available through the online library service |
| 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). |
| MBGC 5015Q | <i>Cancer Biology: Extrinsic Factors in Cancer Progression</i> | | | | | | | | | | The Biology of Cancer by Robert A. Weinberg |
| MBGC 5020Q | <i>Cancer Biology: Intrinsic Cell Signaling and Cancer Development</i> | | | | | | | | | | The Biology of Cancer by Robert A. Weinberg |
| MSBS N5134 | <i>Hematopoietic Stem Cell Biology and Dysfunction</i> | | | | | | | | | | Recommended: Clinical Hematology, Edited by Neal S. Young, Stanton L. Gerson and Katherine A. High. Mosby Elsevier, ISBN 0-323-01908-0 |