

FALL 2009 COURSE SCHEDULE

GRADUATE SCHOOL OF BIOMEDICAL SCIENCES
 Consult (<http://www.gsbs.umdj.edu>) or Respective Departments/Instructors
 for up-to date information

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

DIVISIONAL COURSES

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
GINF 5003Q	Structural Bioinformatics I	Welsh welshwj@umdj.edu 732-235-4473	GINF 5001 or permission Enrollment maximum 18	3 N	TBA
GINF 5030Q	Special Topics in Bioinformatics	Byrne byrne@umdj.edu 856-757-7788	2 courses in Bioinformatics or permission Enrollment maximum 18	1-3 N	TBA
GSND 5200Q	Introduction to Biomedical Science (CORE)	Garrett garretst@umdj.edu 973-972-4483 X 20698	Limited to Ph.D. students	5 N	Monday, Wednesday & Friday Aug 31 st – Dec 18 th 9:30 AM – 11:30 AM
GSND 5201Q	Molecular & Genetic Medicine "MGM"	Lea lea@umdj.edu 973-972-5345 CLOSED	See Dr. Garrett for approval garretst@umdj.edu Masters students only Enrollment maximum 30	7 N	Monday, Wednesday Thursday, & Friday Nov 2 – Dec 23 9:00 AM – 4:00 PM NOTE: Specific hours indicated in syllabus.
GSND 5235Q	Principles of Clinical & Translational Res. In Oncology	Mahon mahongm@umdj.edu 973-972-1591	Enrollment maximum 50	2 N	Monday Sept 14 th – Dec 14 th 6:00 PM – 8:15 PM Cancer Center G1196
GSND 5300Q	Independent Study in Biomedical Sciences	Wagner wagner@umdj.edu 973-972-5335		1-4 S/U	TBA
GSND 5910Q	MD/PhD Seminar/Journal Club	R.D. Howells howells@umdj.edu 973-972-5652	Restricted to students in MD/PhD program	1 N	TBA
MPHD 5000Q	MD/PhD Thesis Research	R.D. Howells howells@umdj.edu 973-972-5652	Restricted to students in MD/PhD program	5 PT 10 FT	TBA
MPHD 5930	MD/PhD Laboratory Research	R.D. Howells howells@umdj.edu 973-972-5652	Restricted to students in MD/PhD program	1 – 10 S/U	TBA
MSBS 5000Q	Thesis Research-Masters	Wagner wagner@umdj.edu 973-972-5335	Masters students completing thesis	5 S/U	TBA

Revised 08-26-09/mm

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

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MSBS 5120Q	Pharmaceutical Internship	Wagner wagner@umdnj.edu 973-972-5335	Completion of 15 credits	2-3 S/U	TBA
MSBS 5125Q	Teacher Internship Training	Ingoglia ingoglia@umdnj.edu 973-972-4776 CLOSED	Permission of Instructor	1-3 S/U	Contact Dr. Ingoglia Begins Sept. 9 th
MSBS 5130Q	Stem Cell Biology & Applications in Molecular Medicine	Rameshwar rameshwa@umdnj.edu 973-972-4913	Background in Cell Biology	3 N	Monday 6:00 PM – 9:00 PM Aug. 24 th – Dec. 14 th MSB Room B610
MSBS 5140Q	Biological Terrorism & Weapons of Mass Destruction	McCluskey mccluske@umdnj.edu 973-972-6164 Connell Connell@umdnj.edu 973-972-1916	Enrollment maximum 40	3 N	Monday 3:30 PM – 5:30 PM Sept. 14 th – Dec. 21 st MSB Room B554 (MSB Room B610 on Nov 30 and Dec 7, MSB Room B556 on Dec 14)
MSBS 520AQ	Advanced Stem Cell Seminar	Rameshwar rameshwa@umdnj.edu 973-972-4913	MSBS 5130 or concurrent registration	2 N	Wednesday 6:00 PM – 8:00 PM Aug. 26 th – Dec. 2 nd MSB Room B554
MSBS 7000Q	Master Thesis Continuation	Wagner wagner@umdnj.edu 973-972-5335	Prior registration for MSBS 5000, thesis not yet completed	0 S/U	TBA
MSBS 5910Q	Seminar in Biomedical Sciences	CG Lee leecg@umdnj.edu 973-972-0130		1 S/U	Tuesday 4:30 PM – 6:00 PM Sept 8 th – Dec 8 th MSB Room B-556
MSBS 593AQ	Research in Biomedical Sciences	Garrett garretst@umdnj.edu 973-972-4483 X 20698		2 N	TBA
MSBS 593BQ	Research in Biomedical Sciences	Garrett garretst@umdnj.edu 973-972-4483 X 20698		2 S/U	TBA

EVENING COURSES

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
BIOC N5002	Introduction to Genomics, Proteomics and Bioinformatics	Tian btian@umdnj.edu 973-972-3615		3 N	Tuesday Sept 8 th – Dec 15 th 6:00 PM – 8:00 PM MSB Room E-609B
CBMM N5001	Basic Histology	Enfield pinhalgr@umdnj.edu 732-742-8656	Enrollment maximum 30 CLOSED	3 N	Thursday 6:00 PM – 9:00 PM Sept. 3 rd – Dec. 17 th MSB B-610
GSND 5235Q	Principles of Clinical & Translational Res. In Oncology	Mahon mahongm@umdnj.edu 973-972-1591	Enrollment maximum 50	2 N	Monday Sept 14 th – Dec 14 th 6:00 PM – 8:15 PM Cancer Center G1196

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FALL 2009 COURSE SCHEDULE

GSND N500A	Fundamentals of Biomedical Science (Part 1)	Lea lea@umdnj.edu 973-972-5345	MS students only	3 N	Tuesday 6:00 PM – 9:00 PM Sept. 1 st – Dec. 1 st MSB B-556
MSBS 5130Q	Stem Cell Biology & Applications in Molecular Medicine	Rameshwar rameshwa@umdnj.edu 973-972-4913	Background in Cell Biology	3 N	Monday 6:00 PM – 9:00 PM Aug. 24 th – Dec. 14 th MSB Room B610
MSBS 5140Q	Biological Terrorism & Weapons of Mass Destruction	McCluskey mccluske@umdnj.edu 973-972-6164 Connell Connell@umdnj.edu 973-972-1916	Enrollment maximum 40	3 N	Monday 3:30 PM – 5:30 PM Sept. 14 th – Dec. 21 st MSB Room B554 (MSB Room B610 on Nov 30 and Dec 7, MSB Room B556 on Dec 14)
MSBS 520AQ	Advanced Stem Cell Seminar	Rameshwar rameshwa@umdnj.edu 973-972-4913	MSBS 5130 or concurrent registration	2 N	Wednesday 6:00 PM – 8:00 PM Aug. 26 th – Dec. 2 nd MSB Room B554
MSBS 5910Q	Seminar in Biomedical Sciences	CG Lee leecg@umdnj.edu 973-972-0130		1 S/U	Tuesday 4:30 PM – 6:00 PM Sept 8 th – Dec 8 th MSB Room B-556
MSBS N5050	Biological Rhythms: It's About Time	Laemle laemlelb@umdnj.edu 973-972-4419	GSND N500B or a Neuroscience course Enrollment maximum 25	1 N	Monday 5:00 PM – 7:00 PM Sept 14 th – Nov 16 th MSB Room B-540 A+B
NEUR N5031	Neural Substrates of Aggressive Behavior	A. Siegel siegel@umdnj.edu 973-972-4471		3 N	Tuesday 6:00 PM – 8:30 PM
PATH 5100Q	Cellular Pathology	M. Lambert mlambert@umdnj.edu 973-972-4405		3 N	Monday 4:00 PM – 6:30 PM Aug 31 st – Dec 14 th MSB C-555
PHPY N5021	Fundamentals of Pharmacology	Brezenoff hbrezeno@umdnj.edu	CLOSED	3 N	Wednesday 6:00 PM – 9:00 PM Sept 9 th – Dec 23 rd MSB Room C-600
PHPY N5060	Topics in Neuroscience	Wagner wagner@umdnj.edu 973-972-5335	Permission of Instructor	3 N	Thursday 5:30 PM – 8:30 PM Sept 10 th – Dec. 17 th MSB Room C-600
PHPY N5225	Principles of Toxicology	Labib/Visalli Ramez.Labib@avon.com thomas.visalli@roche.com		3 N	Thursday 6:00 PM – 9:00 PM Sept. 10 th – Dec. 10 th MSB Room B554

FALL 2009 COURSE SCHEDULE

BIOCHEMISTRY & MOLECULAR BIOLOGY

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
BIOC 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
BIOC 5070Q	Biochemistry of Nucleic Acids	Modak modak@umdj.edu 973-972-5515	GSND 5200	4 N	Tuesday & Thursday 1:15 PM – 3:00 PM Sept 3 rd – Dec 18 th MSB Room E-675
BIOC 5170Q	Molecular Methods in Biochemistry (Open to PHD & Masters students)	Wagner wagner@umdj.edu 973-972-5335	Permission of instructor Open to PhD students only	3 N	Monday & Wednesday 1:00 PM – 3:00 PM Aug 31 st – Nov 18 th MSB Room B-516 (MSB Room B-520 on Sept 2 nd & Nov 9 th)
BIOC 5290Q	Critical Reading of the Literature	Pe'ery peeryts@umdj.edu 973-972-8763 CG Lee leecg@umdj.edu 973-972-0130	Approval and confirmation by Course Director Open to PhD students only	3 N	Tuesday 1:00 PM – 4:00 PM Sept 8 th – Dec 15 th MSB Room E-609B
BIOC 5910Q	Seminar in Biochemistry	Suzuki & Staff suzukick@umdj.edu 973-972-1555	Open for Biochemistry Graduate students only	1 N	Friday 4:00 PM – 5:00 PM Sep – Dec MSB Room E-609B
BIOC 502AQ, BQ, CQ	Biochemical Techniques	Faculty	Graduate Biochemistry or equivalent	2 N	TBA
BIOC 5020Q	Biochemical Techniques	Faculty	Graduate Biochemistry or equivalent	1-10 S/U	TBA
BIOC N5002	Introduction to Genomics, Proteomics and Bioinformatics	Tian btian@umdj.edu 973-972-3615		3 N	Tuesday Sept 8 th – Dec 15 th 6:00 PM – 8:00 PM MSB Room E-609B

BIOMEDICAL ENGINEERING

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
BMEG 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
BMEG 593AQ, BQ, CQ	Biomedical Engineering Research	Faculty		2 N	TBA
BMEG 5930Q	Biomedical Engineering Research	Faculty		1-10 S/U	TBA

FALL 2009 COURSE SCHEDULE

CELL BIOLOGY & MOLECULAR MEDICINE

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
CBMM 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
CBMM N5001	Basic Histology	Enfield pinhalgr@umdnj.edu 732-742-8656	Enrollment maximum 30 CLOSED	3 N	Thursday 6:00 PM – 9:00 PM Sept. 3 rd – Dec. 17 th MSB B-610
CBMM 5002Q	Practical Approaches for Studying Protein Function	M. Abdellatif abdellma@umdnj.edu 973-972-1254		2 N	Wednesday 2:00 PM – 4:00 PM Sept. 9 th – Dec. 9 th MSB G-609
CBMM 5350Q	Molecular Medicine of the Heart	Depre deprech@umdnj.edu 973-972-3926	Permission of Instructor	3 N	Thursday 9:00 AM – 12:00 PM Begins Aug 27 th MSB Room B-518 NOTE: except Aug 27 th MSB B-617, Sept 3 rd & Sept 10 th MSB B-516
CBMM 5910Q	Cell Biology Seminar	Abdellatif abdellma@umdnj.edu 973-972-1254 Leibovich leibovic@umdnj.edu 973-972-3223		1 N	Friday 1:00 PM – 2:00 PM Sept. 11 th – Dec. 11 th MSB G-609
CBMM 593AQ, BQ, CQ	Cell Biology Research	Faculty		2 N	TBA
CBMM 5930Q	Cell Biology Research	Faculty	First Year Cell Biology Graduate Program	1-10 S/U	TBA

INTERDISCIPLINARY PROGRAM

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
PHMS 5000Q	Interdisciplinary Ph.D. Thesis Research	Diamond 973-972-3324 gdiamond@umdnj.edu	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
PHMS 5910Q	Seminar in Biomedical Sciences	Spolarics 973-972-0117 spolaric@umdnj.edu	Current Interdisciplinary Ph.D. students	1 N	TBA
PHMS 593AQ, BQ, CQ	Research in Interdisciplinary in Biomedical Sciences	Diamond 973-972-3324 gdiamond@umdnj.edu		2 N	TBA
PHMS 5930Q	Research in Interdisciplinary in Biomedical Sciences	Diamond 973-972-3324 gdiamond@umdnj.edu		1-10 S/U	TBA

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FALL 2009 COURSE SCHEDULE

MICROBIOLOGY & MOLECULAR GENETICS

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
MICR 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
MICR 5370Q	Topics Eukaryotic Molecular Genetics	Herbig herbigut@umdnj.edu 973-972-4426	Permission of Instructor Open to PhD students only	1 N	TBA
MICR 5450	Topics in Molecular Genetics of Pathogen	Lukac lukacdm@umdnj.edu 973-972-4483 x 20907	Permission of Instructor Open to PhD students only	1 N	Tuesday & Friday 10:00 AM – 12:00 PM Aug 1 st – Sept 29 th
MICR 5620Q	21 st Century Pathogens	Lukac lukacdm@umdnj.edu 973-972-4483 x20907	Permission of Instructor Open to PhD students only	3 N	Monday, Wednesday & Friday 2:00 PM – 3:00 PM Sept 14 th – Dec 23 rd
MICR 5910Q	Microbiology Seminar	Kaback kaback@umdnj.edu 973-972-4483 X28967	PhD Students Only	1 N	Tuesday 12:15 PM TBD
MICR 593AQ, BQ, CQ	Research in Microbiology	Garrett garretst@umdnj.edu 973-972-4483 x20698	Matriculated Micr Students only	2 N	TBA
MICR 5930Q	Research in Microbiology	Garrett garretst@umdnj.edu 973-972-4483 x20698	Matriculated Micr Students only	1-10 S/U	TBA

INTEGRATIVE NEUROSCIENCES UMDNJ-BASED COURSES

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
NEUR 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
NEUR 5110Q	Foundations of Neuroscience I	Creese creese@axon.rutgers.edu 973-353-1080 x 3301 Kuzhikandathil kuzhikev@umdnj.edu 973-972-1157		4 N	Tuesday & Thursday 10:00 AM – 12:30 PM Sept 8 th – Dec 22 nd Cancer Center G1196 (MSB Room B-518 on Sept 10 th)
NEUR 5910Q	Seminar in Neuroscience Seminar: every 1 st W Presem: every 1 st T	Ledeen ledeenro@umdnj.edu 973-972-7989	Permission of instructor Open to PhD students only	1 N	Tuesday 1:30 PM – 2:30 PM Wednesday 11:00 AM – 12:00 PM Starts Sept 2 nd
NEUR N5031	Neural Substrates of Aggressive Behavior	Siegel siegel@umdnj.edu 973-972-4471		3 N	Tuesday 6:00 PM – 8:30 PM
NEUR 593AQ, BQ, CQ	Research in Neuroscience	Levison steve.levison@umdnj.edu 973-972-5162	Permission of instructor Open to PhD students only	2 N	TBA
NEUR 5930Q	Research in Neuroscience	Levison steve.levison@umdnj.edu 973-972-5162	Permission of instructor Open to PhD students only	1-10 S	TBA

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FALL 2009 COURSE SCHEDULE

INTEGRATIVE NEUROSCIENCE PROGRAM TENTATIVE SCHEDULE • FALL 2009

NOTE: Rutgers Courses are not available online registration!

Rutgers Course #	UMDNJ Course #	Course Name	Day/Time	Room#	Instructor	Credits
26:546:509	NEUR R509	Statistics in Neuroscience I	TU 2:00PM-5:00PM 1 st TU/month 3-5PM	Aidekman 103B	Hirsch	3
26:546:511	NEUR 593 A-D	Research in Neuroscience I	By Arrangement	Various Labs	INS Faculty	1-3
26:546:589	NEUR R589	Neuropharmacology	TH 1:00PM-4:00PM	Aidekman 103B	Abercrombie	3
26:546:565	NEUR 5110	Foundations of Neuroscience I	T TH 10:00AM-12:30PM	TBA	Creese Kuzikandathil	4
26:546:567	NEUR R567	Proseminar in Quantitative Neuroscience I	W 2:00PM-5:00PM	Aidekman 103A	Berlin	3
26:546:610	NEUR R610	Neural Basis of Cognitive development	W 2:00PM-4:00PM	Aidekman 103B	Benasich	3
26:546:627	NEUR R627	Colloquia in Neuroscience I Colloquium: every 3rd W Precoll: every 3rd T	W 11:00AM-1:30PM T 1:00PM-2:00PM	Aidekman 103A	Siegel	1
26:546:501	NEUR R501	Neuroanatomy	T, FRI 4.00-6.00PM	Aidekman 103B	Morrell	3

Please note: All full-time doctoral students are required to take a minimum of 10 credits per semester.

UMDNJ Students not part of the Integrative Neuroscience Program are required to complete a CHEN form in order to register for the above Rutgers Courses.

FALL 2009 COURSE SCHEDULE

ORAL BIOLOGY

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
DENT 5000Q	Thesis Research	Faculty	Completion of course requirements	5 S/U	TBA
DENT 5065Q	Dental Physiology	Approval contact: Tsiagbe Tsiagbvk@umdnj.edu 973-972-2612	Enrollment maximum 15	5 N	Mon 1:00 PM – 3:00 PM Tues 1:00 PM – 5:00 PM Wed 1:00 PM – 3:00 PM* *Weeks 1 – 6 Begins August 24 th Thurs 1:00 – 5:00 PM
DENT 5145Q	Introduction to Structural Biology	Ramasubbu Ramasun1@umdnj.edu 973-972-0704		1 N	Wednesday Sept 9 th – Jan 27 th 10:00 AM – 11:00 AM MSB Room C600
DENT 5150Q	Metallic Systems Dental Biomaterials	Vaidyanathan vaidyatk@umdnj.edu 973-972-6250		2 N	Friday Sept 4 th – Dec 18 th 10:00 AM – 12:00 PM Room TBD
DENT 5160Q	Polymeric Systems in Biomaterials Sciences	Vaidyanathan jvaidyan@umdnj.edu 973-972-6250		2 N	Monday Aug 31 st – Dec 21 st 12:00 PM – 2:00 PM Room TBD
DENT 5220Q	Methods in Microscopic Imaging	Fine finedh@umdnj.edu 973-972-3728	Enrollment Limit 8	2 S/U	Wednesday Sept 9 th – Dec 9 th 1:00 PM – 3:00 PM Room MSB C-636
DENT 5300Q	Oral Microbiology	Kachlany kachlasc@umdnj.edu 973-972-3057		3 N	Tuesday 10:00 AM – 11:50 AM Thursday 8:00 AM – 9:50 AM August 25 th NJDS Room B-963
DENT 5910Q	Research Seminar	Kachlany kachlasc@umdnj.edu 973-972-3057		1 N	Friday September 18 th 1:00 PM – 2:00 PM MSB Room C-600
DENT 593AQ, BQ, CQ	Research Rotations	Fine finedh@umdnj.edu 973-972-3728		2 N	TBA
DENT 5930Q	Research Rotations	Fine finedh@umdnj.edu 973-972-3728		1-10 S	TBA
DENT 7106Q	Dental Histology	Course Director Rinaggio For approval contact Tsiagbe tsiagbvk@umdnj.edu 973-972-2612	Enrollment Limit 10	5 N	Monday, Wednesday, & Friday Aug 24 th 10:00 AM – 12:00 PM NJDS Room B-961 Oral Health Pavilion

FALL 2009 COURSE SCHEDULE

MOLECULAR PATHOLOGY & IMMUNOLOGY

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
PATH 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
PATH 5010Q	General Pathology	Studzinski studzins@umdnj.edu 973-972-5869	Permission of the instructor	2 N	Monday, Wednesday & Friday 12:00 PM – 2:00 PM MSB C-555
PATH 5100Q	Cellular Pathology	M. Lambert mlambert@umdnj.edu 973-972-4405		3 N	Monday 4:00 PM – 6:30 PM Aug 31 st – Dec 14 th MSB C-555
PATH 5200Q	Developing Skills in Scientific Communication	Raveche raveches@umdnj.edu 973-972-5240	Completion of Core Course	2 N	Thursday 9:00 AM – 11:00 AM Sept. 24 th – Dec.
PATH 5910Q	Pathology Seminar	N.M. Ponzio ponzio@umdnj.edu 973-972-5238		1 N	Thursday 12:00 PM Sept – May MSB C-555
PATH 5920Q	Pathology Journal Club	Lambert mlambert@umdnj.edu 973-972-4405	Matriculated Students only	1 N	Friday 12:00 PM – 1:00 PM Oct. – May MSB C-555
PATH 593AQ, BQ, CQ	Research in Experimental Pathology	Lambert mlambert@umdnj.edu 973-972-4405	First Year Students Second Rotation	4 (FT) 1-4 (PT) N	TBA
PATH 593B (for first year students) Full time students register for 4 credits. Part time students in industry register for 1-4 credits.					

FALL 2009 COURSE SCHEDULE

PHARMACOLOGY & PHYSIOLOGY

Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory					
PHPY 5000Q	Thesis Research	Faculty	Completion of course requirements	5 (PT) 10 (FT) S/U	TBA
PHPY 5020Q	Principles of Pharmacology	Sultatos 973-972-7950 sultatle@umdnj.edu	Enrollment in PhD Program	3 N	TBA
PHPY N5021	Fundamentals of Pharmacology	Brezenoff hbrezeno@umdnj.edu	CLOSED	3 N	Wednesday 6:00 PM – 9:00 PM Sept 9 th – Dec 23 rd MSB Room C-600
PHPY 529BQ	Physiologic Principles II	Ferraris 973-972-4519 Ferraris@umdnj.edu	Phy Princip. 1 or Instructor Permission Open to PhD students only	2 N	Tuesday & Thursday 10:00 AM – 12:00 PM Sept. 1 st – Dec. 3 rd
PHPY N5060	Topics in Neuroscience	Wagner wagner@umdnj.edu 973-972-5335	Permission of Instructor	3 N	Thursday 5:30 PM – 8:30 PM Sept 10 th – Dec. 17 th MSB Room C-600
PHPY N5225	Principles of Toxicology	Labib/Visalli Ramez.Labib@avon.com thomas.visalli@roche.com		3 N	Thursday 6:00 PM – 9:00 PM Sept. 10 th – Dec. 10 th MSB Room B-554
DENT 5065Q	Dental Physiology	Associate Dean approval required Tsiagbe Tsiagbvkc@umdnj.edu 973-972-2612	Enrollment maximum 15	5 N	Mon 1:00 PM – 3:00 PM Tues 1:00 PM – 5:00 PM Wed 1:00 PM – 3:00 PM* *Weeks 1 – 6 August 24 th Thurs 1:00 – 5:00 PM
PHPY 593AQ, BQ, CQ	Research in Pharmacology and Physiology	Nowycky nowyckmc@umdnj.edu 973-972-4391	Limited to PHPY PhDs	2 N	TBA
PHPY 5930Q	Research in Pharmacology and Physiology	Nowycky nowyckmc@umdnj.edu 973-972-4391	Limited to PHPY PhDs	1-10 S/U	TBA
PHPY 5970Q	Reading the Literature in Signaling	Nowycky nowyckmc@umdnj.edu 973-972-4391	Enrollment in PhD Program	2 N	Wednesday 1:00 PM – 3:00 PM Sept. 2 nd – Dec 9 th