

## SPRING 2015 COURSE SCHEDULE



*A laptop computer will be required for all students.  
 Please go to the GSBS homepage for the specifications.  
 The IRT Help Desk in the Academic Center will configure it for each student.*

*All examinations will be given using ExamSoft. A mandatory training date will be  
 scheduled in the beginning of the semester to train each student on ExamSoft.*

### CELL AND MOLECULAR BIOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24072</b>	CMB 00702	<b>CORE: Molecular Biology of the Cell</b>	Henry <a href="mailto:henrymf@rowan.edu">henrymf@rowan.edu</a>	MBS & MPI students by permission only	4 N	Tuesday & Thursday 3:00 PM - 5:00 PM Science Center Room 145
<b>24073</b>	CMB 00801	SKILL: Bioethics in Science & Medicine	Cooper <a href="mailto:cooperka@rowan.edu">cooperka@rowan.edu</a>	This section is restricted to CMB students	2 N	Friday 10:00 AM – 12:00 PM Science Center Room 290
<b>24074</b>	CMB 00802	SKILL: Experimental Design	Moss <a href="mailto:mosseg@rowan.edu">mosseg@rowan.edu</a>	Thesis Students Only	2 N	Monday 2 PM – 4 PM Science Center Room 117
<b>24075</b>	CMB 00810	FOCUS: Biomolecular Interactions	Borukhov <a href="mailto:borukhse@rowan.edu">borukhse@rowan.edu</a>	MBS & MPI students by permission only	2 N	Friday 2:30 PM – 4:30 PM Science Center Room 145
<b>24076</b>	CMB 00809	Department Seminar Series	Staff	Masters students must be registered for Lab Rotation or Thesis Research in same semester	1 S/U	Tuesday & Thursday 12:00 PM – 1:00 PM Science Center Room 290
<b>24077</b>	CMB 00903	Lab Rotation C CMB	Mentor	Permission by Investigator	1 N	
<b>24078</b>	CMB 00904	Lab Rotation D CMB (if necessary)	Mentor	Permission by Investigator	1 N	
<b>24079</b>	CMB 00920	Research in Cell and Molecular Biology	Mentor	Permission by Investigator	5 S/U	
<b>24080</b>	CMB 00980	Thesis Research/ DO-Ph.D.	Caradonna <a href="mailto:caradonn@rowan.edu">caradonn@rowan.edu</a>	Permission by Investigator	5 S/U	
<b>24081</b>	CMB 00999	Thesis Research/ Ph.D.	Caradonna <a href="mailto:caradonn@rowan.edu">caradonn@rowan.edu</a>	Permission by Investigator	10 S/U	

**COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION**

## SPRING 2015 COURSE SCHEDULE

### BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24084</b>	MBS 00503	<b>CORE: Fundamentals of Systems Biology (III)</b>	Yin <a href="mailto:yinki@rowan.edu">yinki@rowan.edu</a>	Fund I & II	3 N	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>24085</b>	MBS 00602	Antimicrobial Drugs: Mechanisms of action and resistance	Borukhov <a href="mailto:borukhse@rowan.edu">borukhse@rowan.edu</a>	Microbiology recommended  Compliments Pharmacology	2 N	Monday 5:00 PM – 7:00 PM Academic Center Room 279
<b>24430</b>	MBS 00604	Cancer Chemotherapy	Goldberg <a href="mailto:goldbega@rowan.edu">goldbega@rowan.edu</a>	Fund I & II or Permission by Instructor  Limited to 20 students	2 N	Thursday 5:00 PM – 7:00 PM Science Center Room 290
<b>24086</b>	MBS 00606	Essential Neuroscience	Markov <a href="mailto:markovdm@rowan.edu">markovdm@rowan.edu</a>	Fund I & II or Permission by Instructor	3 N	Friday 5:00 PM – 8:00 PM Academic Center Room 279
<b>24087</b>	MBS 00607	Exercise Physiology	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	Co-requisite of Med Physio or Fund III	3 N	Thursday 5:00 PM – 8:00 PM Academic Center Auditorium
<b>24088</b>	MBS 00612	Principles of Pharmacology	Spur <a href="mailto:spurbw@rowan.edu">spurbw@rowan.edu</a>	No	3 N	Wednesday 5:30 PM – 8:30 PM AC, Auditorium
<b>24089</b>	MBS 00613	Independent Study in the Biomedical Sciences I	Mentor	Permission by Investigator	3 N	Letter of Agreement required: <a href="http://www.rowan.edu/som/gsbstrat/forms.htm">http://www.rowan.edu/som/gsbstrat/forms.htm</a>
<b>24091</b>	MBS 00680	Lab Rotation A - MBS	Mentor	Permission by Investigator	2 N	Letter of Agreement required: <a href="http://www.rowan.edu/som/gsbstrat/forms.htm">http://www.rowan.edu/som/gsbstrat/forms.htm</a>
<b>24092</b>	MBS 00681	Lab Rotation B - MBS	Mentor	Permission by Investigator	2 S/U	Letter of Agreement required: <a href="http://www.rowan.edu/som/gsbstrat/forms.htm">http://www.rowan.edu/som/gsbstrat/forms.htm</a>
<b>24093</b>	MBS 00660	Bioethics in Science & Medicine	Cooper <a href="mailto:cooperka@rowan.edu">cooperka@rowan.edu</a>	This section is restricted to MBS students	2 N	Friday 10:00 AM – 12:00 PM Science Center Room 290
<b>24094</b>	MBS 00690	Thesis Research M.S.B.S.	Mentor	Permission by Investigator	5 S/U	
<b>24095</b>	MBS 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Permission by Investigator	1 - 9 S/U	Master of Science Thesis Continuation form required: <a href="http://www.rowan.edu/som/gsbstrat/forms.htm">http://www.rowan.edu/som/gsbstrat/forms.htm</a>

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## SPRING 2015 COURSE SCHEDULE

### MOLECULAR PATHOLOGY AND IMMUNOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24096</b>	MPI 00504	<b>CORE: Topics in Mol Path and Immuno</b>	Trama/Gallagher <a href="mailto:jtrama@mdlab.com">jtrama@mdlab.com</a> <a href="mailto:g.gallagher@humigen.org">g.gallagher@humigen.org</a>	No	4  S/U	Tuesday and Thursday 10:00 AM – 12:00 PM  MDL Campus **
<b>24097</b>	MPI 00660	Bioethics in Science & Medicine	Cooper <a href="mailto:cooperka@rowan.edu">cooperka@rowan.edu</a>	This section is restricted to MPI students	2  N	Friday 10:00 AM – 12:00 PM Science Center Room 290
<b>24098</b>	MPI 00601	Techniques in Molecular Diagnostics	Nickels <a href="mailto:jnickels@mdlab.com">jnickels@mdlab.com</a>	No	2  N	Monday-Friday AS NEEDED  MDL Campus **
<b>24099</b>	MPI 00685	Mol Path and Immuno Thesis Research I	Mentor	Limited to MSMPI Students	1  N	MDL Campus**
<b>24100</b>	MPI 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Permission by Investigator	1 - 9  S/U	Master of Science Thesis Continuation form required: <a href="http://www.rowan.edu/som/gsbstrat/forms.htm">http://www.rowan.edu/som/gsbstrat/forms.htm</a>
**The Medical Diagnostics Lab (MDL/Humigen) Campus is located at 2439 Kuser Road, Hamilton, NJ 08690 (approximately 45 minutes from the Stratford Campus)						

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## SPRING 2015 COURSE SCHEDULE

### SCHOOL OF OSTEOPATHIC MEDICINE COURSES (20 HOURS PER CREDIT + 25 HOURS/CREDIT FOR LAB OR SMALL GROUP)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24123</b>	MBS 00674	CIHA Module 2: Abdominopelvis and Perineum	Carsia <a href="mailto:carsiario@rowan.edu">carsiario@rowan.edu</a>	No  Limited to 18 students, including CRN 43497  \$75 Course Fee plus Tuition	2  N	See SOM 1 <sup>st</sup> year online schedule at: <a href="https://rowansom.one45.com/cal/">https://rowansom.one45.com/cal/</a> (tentative January to mid-March)
<b>24124</b>	MBS 00675	CIHA Module 3: Integrated Back and Limbs	Carsia <a href="mailto:carsiario@rowan.edu">carsiario@rowan.edu</a>	No  Limited to 18 students, including CRN 43497  \$75 Course Fee plus Tuition	2  N	See SOM 1 <sup>st</sup> year online schedule at: <a href="https://rowansom.one45.com/cal/">https://rowansom.one45.com/cal/</a> (tentative mid-March to mid-April)
<b>24125</b>	MBS 00676	CIHA Module 4: Head and Neck	Carsia <a href="mailto:carsiario@rowan.edu">carsiario@rowan.edu</a>	No  Limited to 18 students, including CRN 43497  \$75 Course Fee plus Tuition	2  N	See SOM 1 <sup>st</sup> year online schedule at: <a href="https://rowansom.one45.com/cal/">https://rowansom.one45.com/cal/</a> (tentative mid-April to May)

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## SPRING 2015 COURSE SCHEDULE

### Rutgers, The State University of New Jersey Exchange Courses

**Students must complete the appropriate Rowan-Rutgers Cross Enrollment Form to enroll in these courses: <http://www.rowan.edu/som/gsbstrat/forms.htm>. Afterwards, please bring, fax or scan your signed Rowan-Rutgers Cross Enrollment Form to the GSBS office for processing.**

#### RUTGERS-CAMDEN GRADUATE SCHOOL OF ARTS AND SCIENCES MASTER OF SCIENCE PROGRAM IN BIOLOGY COURSES (15 HOURS/CREDIT)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24126</b>	56:120:58 3	Molecular Mechanisms of Developmental Genetics	Yakoby <a href="mailto:yakoby@camden.rutgers.edu">yakoby@camden.rutgers.edu</a>	No	3 N	Tuesday 6:00 – 8:50 PM ATG-205

Please download and complete the “[Rutgers-Camden/RowanGSBS Exchange Registration Form](#)” for enrollment and submit it to the GSBS Office for processing.

#### RUTGERS SCHOOL OF PUBLIC HEALTH MASTER OF PUBLIC HEALTH COURSES (15 HOURS/CREDIT)

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
<b>24127</b>	PHCO-0502J	Principles and Methods of Epidemiology	Vitale <a href="mailto:vitalepa@sph.rutgers.edu">vitalepa@sph.rutgers.edu</a>	No	3 N	Tuesday 5:00 PM -8:00 PM University Education Center Room 1081
<b>24128</b>	PHCO-0503J	Introduction to Environmental Health	Meyer <a href="mailto:roy.meyer@dep.state.nj.us">roy.meyer@dep.state.nj.us</a>	No	3 N	Thursday 6:10 PM – 9:00 PM University Education Center Room 1081

Please download the “[Consortium Agreement Between RowanGSBS and Rutgers School of Public Health](#)” for enrollment instructions and submit it to the GSBS Office for processing.

In short, you will seek approval from RowanGSBS to enroll in a course at Rutgers School of Public Health. Once the course is complete, you will provide the RowanGSBS with the [Application to Transfer Credit](#) and your official Rutgers transcript to transfer the credits. Course credits, not grades or quality points, will be transferred, if the student earns a grade of B (3.00) or better. Only 6 credits total can be transferred into the Master of Biomedical Sciences program at RowanGSBS. Your GPA will not change.

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