

SPRING 2017 COURSE SCHEDULE



GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

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

Courses start January 9, 2017

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
24361	CMB 00702	CORE: Molecular Biology of the Cell	Henry henrymf@rowan.edu	Biomedical Sciences Program students by permission only	4 N	Tuesday & Thursday 3:00 PM - 5:00 PM Science Center Room 145
24362	CMB 00802	SKILL: Experimental Design	Moss mosseg@rowan.edu	Thesis Students Only	2 N	Monday 1 PM – 3 PM Science Center Room 117
24363	CMB 00810	FOCUS: Biomolecular Interactions	Borukhov borukhse@rowan.edu	Biomedical Sciences Program students by permission only	2 N	Friday 2 PM – 4 PM Science Center Room 145
24365	CMB 00903	Lab Rotation C - CMB	Mentor	Permission by Investigator	1 N	
24366	CMB 00904	Lab Rotation D - CMB (if necessary)	Mentor	Permission by Investigator	1 N	
24367	CMB 00920	Research in Cell and Molecular Biology	Mentor	Permission by Investigator	6 S/U	
24370	CMB 00999	Thesis Research / Ph.D.	Anikin anikinmi@rowan.edu	Permission by Investigator	10 S/U	
24368	CMB 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Cell and Molecular Biology program students only	1 - 9 S/U	Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/for_ms.php

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

SPRING 2017 COURSE SCHEDULE

BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 17, 2017

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
24372	MBS 00503	CORE: Fundamentals of Systems Biology (III)	Yin yinki@rowan.edu	Fund I and II (C or better) or Permission of Instructor	3 N	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
24373	MBS 00602	Antimicrobial Drugs: Mechanisms of action and resistance	Borukhov borukhse@rowan.edu	Microbiology recommended Compliments Pharmacology	2 N	Monday 5:00 PM – 7:00 PM Academic Center Room 279
24375	MBS 00604	Cancer Chemotherapy	Goldberg goldbega@rowan.edu	Fund I and II (C or better) or Permission by Instructor Limited to 20 students	2 N	Thursday 5:00 PM – 7:00 PM Science Center Room 290
24377	MBS 00606	Essential Neuroscience	Leone leonepa@rowan.edu	Fund I and II (must pass) or Permission by Instructor	3 N	Friday 5:00 PM – 8:00 PM Academic Center Room 279
24379	MBS 00607	Exercise Physiology	Demarest demarest@rowan.edu	Prerequisite OR Co-requisite of Med Physio or Fund III	3 N	Thursday 5:00 PM – 8:00 PM Academic Center Auditorium
24381	MBS 00612	Principles of Pharmacology	Spur spurbw@rowan.edu	No	3 N	Wednesday 5:30 PM – 8:30 PM Academic Center Room 279
24487	MBS 00616	Biomedical Data Analysis	Law lawmj@rowan.edu	No	2 N	Monday 5:00 PM – 7:00 PM UDP Room 3000
24382	MBS 00613	Independent Study	Mentor	Permission by Investigator	3 N	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
24384	MBS 00680	Lab Rotation A - MBS	Mentor	Limited to MBS Students	2 N	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
24385	MBS 00681	Lab Rotation B - MBS	Mentor	Limited to MBS Students	2 S/U	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php

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24386	MBS 00690	Thesis Research MSBS	Mentor	Limited to MSBS Students	5 S/U	
24387	MBS 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Limited to MSBS Students	1 - 9 S/U	Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/forms.php

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SPRING 2017 COURSE SCHEDULE

HISTOPATHOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 17, 2017

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
24372	MBS 00503	CORE: Fundamentals of Systems Biology (III)	Yin yinki@rowan.edu	Fund I and II (C or better) or permission by Instructor	3 N	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
24388	MHP 00610	Basic Laboratory Techniques – Biology	Demarest demarest@rowan.edu Neary nearycl@rowan.edu	Fund I and II (C or better) Histopathology Program students only	3 N	Monday 2:00 PM – 5:00 PM Science Center Room 124
24389	MHP 00611	Histology I: Basic Tissue Types	Neary nearycl@rowan.edu	Fund I and II (C or better) Histopathology Program students only	3 N	Tuesday & Thursday 2:00 PM – 4:00 PM Science Center Room 124

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SPRING 2017 COURSE SCHEDULE

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

Courses start January 17, 2017

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
24364	MPI 00504	CORE: Topics in Mol Path and Immuno	Gallagher gallagherg@rowan.edu AND g.gallagher@ibr-genetics.com	No	4 N	Tuesday and Thursday 10:00 AM – 12:00 PM GBG Campus** in HAMILTON, NJ
24369	MPI 00601	Techniques in Molecular Diagnostics	Nickels nickels@rowan.edu AND jnickels@venenumbiodesign.com	No	2 N	Monday-Friday AS NEEDED GBG Campus** in HAMILTON, NJ
24371	MPI 00685	Mol Path and Immuno Research I	Mentor	Mol Path and Immuno Program Students Only	1 N	GBG Campus** in HAMILTON, NJ
24374	MPI 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Mol Path and Immuno Program Students Only	1 - 9 S/U	Master of Science Thesis Continuation form required: http://www.rowan.edu/som/gsbs/current/forms.php
**The Genesis Biotechnology Group (GBG) educational sites are: 1. Medical Diagnostics Laboratories (MDL) located at 2439 Kuser Road, Hamilton, NJ 08690 2. Waterview Building (WB) located at 1000 Waterview Drive, Hamilton, NJ 08691 http://www.mdlab.com/rowan_university/directions.html (approximately 45 minutes from the Stratford Campus)						

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SPRING 2017 COURSE SCHEDULE

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

Courses can start January 2, 2017

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: N = Normal; S/U = Satisfactory/Unsatisfactory						
24376	MBS 00674	HGA Module 2: Abdomen, Pelvis and Perineum	Carsia carsiario@rowan.edu	No Limited to 18 students, including CRN 44161 \$83 Course Fee plus Tuition	2 N	See SOM 1 st year online schedule at: https://rowansom.one45.com/cal/ (tentative January to mid-March)
24378	MBS 00675	HGA Module 3: Integrated Back and Limbs	Carsia carsiario@rowan.edu	No Limited to 18 students, including CRN 44161 \$83 Course Fee plus Tuition	2 N	See SOM 1 st year online schedule at: https://rowansom.one45.com/cal/ (tentative mid-March to mid-April)
24380	MBS 00676	HGA Module 4: Head and Neck	Carsia carsiario@rowan.edu	No Limited to 18 students, including CRN 44161 \$83 Course Fee plus Tuition	2 N	See SOM 1 st year online schedule at: https://rowansom.one45.com/cal/ (tentative mid-April to May)

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SPRING 2017 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.

Courses start January 17, 2017

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						
24383	56:120:583	Molecular Mechanisms in Developmental Genetics	Yakoby yakoby@camden.rutgers.edu	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)

Course #	Title	Credits	Days / Hours / Location
PHCO-0502J	Introduction to Epidemiology	3	See http://sph.rutgers.edu/ for details.
PHCO-0503J	Introduction to Environmental Health	3	See http://sph.rutgers.edu/ for details.
PHCO-0504J	Introduction to Biostatistics	3	See http://sph.rutgers.edu/ for details.

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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