

FALL 2018 COURSE SCHEDULE



GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

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

Courses start September 4, 2018

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45561	CMB 00701	CORE: Graduate Biochemistry	Borukhov borukhse@rowan.edu	CMB Program students only	4 L	Tuesday & Thursday 9:30 AM – 11:30 AM Science Center Room 145
45562	CMB 00802	SKILL: Experimental Design	Moss mosseg@rowan.edu	CMB Program students only 1 st year PhD students	2 L	Monday 1 PM – 3 PM Science Center Room 117
45563	CMB 00804	SKILL: Critical Readings in Cell and Molecular Biology	Pestov pestovdg@rowan.edu	CMB Program students only 2 nd year PhD students	2 L	Monday 2:00 PM – 4:00 PM Science Center Room 145
45564	CMB 00805	FOCUS: Cell Culture and Stem Cells	Houbaviy houbavhr@rowan.edu	CMB Program students only 1 st & 2 nd year PhD students	2 L	Wednesday 2:00 PM – 4:00 PM Science Center Room 145
45565	CMB 00905	Lab Rotation Fall - CMB	Pestov pestovdg@rowan.edu	CMB Program students only	3 L	
45566	CMB 00910	Responsible Conduct in Research	Neary nearycl@rowan.edu	Required for ALL PhD and MS Students	0 S/U	<i>Friday</i> 12:00 PM – 1:00 PM <i>Class starts 10/5/18 and ends 12/14/18</i> Science Center Room 290
45567	CMB 00920	Research in Cell and Molecular Biology	Mentor	CMB Program students only	6 S/U	
45568	CMB 00999	Thesis Research / Ph.D.	Anikin anikinmi@rowan.edu	CMB Program students only	10 S/U	

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

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BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

Courses start September 4, 2018

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Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45569	MBS 00501	REQUIRED: Biochemistry and Molecular Biology	Caradonna caradonn@rowan.edu	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
45570	MBS 00502	REQUIRED: Cell Biology	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45571	MBS 00610	REQUIRED: Microbiology	Henry henrymf@rowan.edu	No	3 L	Monday 5:00 PM – 8:00 PM Academic Center Room 279
45572	MBS 00505	REQUIRED: Human Genetics	Ellis ellisre@rowan.edu	No	3 L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
45613	MBS 00606	Essential Neuroscience	Leone leonepa@rowan.edu	MBS 502 (C or better) Limited to 30 students	3 L	Wednesday 5:00 PM – 8:00 PM Rowan Medicine Building Room 3000
45573	MBS 00609	Mechanism of Disease	Neary nearycl@rowan.edu	MBS 501 & MBS 502 (C or better) Limited to 50 students	2 L	Thursday 5:00 PM – 7:00 PM Rowan Medicine Building Room 3000
45574	MBS 00611	Pathophysiology of Cardiovascular System	Hock hock@rowan.edu	MBS 503 (C or better); Limited to 23 students	3 L	Tuesday 6:00 PM – 9:00 PM Rowan Medicine Building Room 3000
45575	MBS 00614	Molecular Mechanisms of Aging	Markov markovdm@rowan.edu	MBS 501, 502 & 503 (Must pass)	2 L	Monday 5:00 PM – 7:00 PM Science Center Room 145
45576	MBS 00613	Independent Study	Mentor	Permission by Instructor	3 L	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
45577	MBS 00680	Laboratory Research A - MBS	Mentor	Limited to MBS Students	2 L	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
45578	MBS 00681	Laboratory Research B - MBS	Mentor	Limited to MBS Students	2 S/U	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
45579	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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FALL 2018 COURSE SCHEDULE

HISTOPATHOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start September 4, 2018

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Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45569	MBS 00501	Biochemistry and Molecular Biology	Caradonna caradonn@rowan.edu	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
45570	MBS 00502	Cell Biology	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45573	MBS 00609	Mechanism of Disease	Neary nearycl@rowan.edu	MBS 501 & MBS 502 (C or better) Limited to 50 students	2 L	Thursday 5:00 PM – 7:00 PM Rowan Medicine Building Room 3000
45580	MHP 00614	Basic Animal Techniques	Demarest demarest@rowan.edu	MBS 501 & MBS 502 (C or better) Histopathology Program students only	4 L	Monday and Friday 9:00 AM – 1:00 PM Science Center Room 123
45566	CMB 00910	Responsible Conduct in Research	Neary nearycl@rowan.edu	Required for ALL PhD and MS Students	0 S/U	Friday 12:00 PM – 1:00 PM Class starts 10/5/18 and ends 12/14/18 Science Center Room 290
45581	MHP 00650	Histopathology Internship	Demarest demarest@rowan.edu	Limited to Histopathology Program students only	3 P/F	

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FALL 2018 COURSE SCHEDULE

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

Courses start September 4, 2018

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45569	MBS 00501	CORE: Biochemistry and Molecular Biology*	Caradonna caradonn@rowan.edu	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
45570	MBS 00502	CORE: Cell Biology*	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45582	MPI 00503	CORE: Molecular Pathology and Immunology Seminar*	Nickels nickels@rowan.edu jnickels@mdlab.com	No	2 L	Wednesday 9:00 AM – 11:00 AM GBG Campus** in HAMILTON, NJ
45583	MPI 00680	Mol Path and Immuno Lab Rotation I	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
45584	MPI 00681	Mol Path and Immuno Lab Rotation II	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
45566	CMB 00910	Responsible Conduct in Research	Neary nearycl@rowan.edu	Required for ALL PhD and MS Students	0 S/U	Friday 12:00 PM – 1:00 PM Class starts 10/5/18 and ends 12/14/18 Science Center Room 290
45585	MPI 00603	Mol Path and Immuno Readings II	Gallagher gallagherg@rowan.edu g.gallagher@ibr-genetics.com	Readings in MPI-I	2 L	Thursday 3:00 PM – 5:00 PM GBG Campus** in HAMILTON, NJ
45586	MPI 00690	Mol Path and Immuno Thesis Research	Mentor	MPI Program Students Only	7 S/U	GBG Campus** in HAMILTON, NJ
45587	MPI 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	MPI 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)						

***BOLD COURSES DENOTE CORE COURSES.** The cumulative average of all 4 designated core courses must be a minimum of 3.00 GPA to satisfy one of the requirements of the Master of Science in Molecular Pathology and Immunology degree.

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