

FALL 2019 COURSE SCHEDULE



GRADUATE SCHOOL OF
BIOMEDICAL SCIENCES

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

Courses start September 3, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45910	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
45912	CMB 00802	SKILL: Experimental Design	Moss mosseg@rowan.edu	CMB Program students only 1 st year PhD students	2 L	Monday 10 AM – 12 PM Science Center Room 117
45915	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
45917	CMB 00811	FOCUS: Fundamentals of Neuroscience	Waterhouse waterhouse@rowan.edu Chandler chandlerd@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
45919	CMB 00905	Lab Rotation Fall - CMB	Pestov pestovdg@rowan.edu	CMB Program students only	3 L	
46702	CMB 00901	Lab Rotation A - CMB	Pestov pestovdg@rowan.edu	DO/PhD students in fall semester only	1 L	
45921	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 Class starts 10/4/19 and ends 12/13/19 Science Center Room 290
45927	CMB 00920	Advanced Graduate Research	Manvich manvich@rowan.edu	CMB Program students only	5 L	
45930	CMB 00999	Thesis Research / Ph.D.	Anikin anikinmi@rowan.edu	CMB Program students only	9 S/U	
45907	CMB 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	CMB Program students only	5 S/U	Master of Science Thesis Continuation form required: Click Here for Form

Full time status: Fall/Spring Terms are 9 credits Summer Term is 4 credits
Part time status: Fall/Spring Terms are 5 credits Summer Term is 2 credits

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

FALL 2019 COURSE SCHEDULE

BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

Courses start September 3, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45928	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
45929	MBS 00502	REQUIRED: Cell Biology	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45924	MBS 00610	REQUIRED: Microbiology	Henry henrymf@rowan.edu	No	3 L	Monday 5:00 PM – 8:00 PM Academic Center Room 279
45925	MBS 00505	REQUIRED: Human Genetics	Ellis ellisre@rowan.edu	No	3 L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
45926	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
45920	MBS 00609	Mechanism of Disease	Neary nearycl@rowan.edu	MBS 501 & MBS 502 (C or better)	2 L	Tuesday 5:00 PM – 7:00 PM Science Center Room 145
45922	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
45914	MBS 00613	Independent Study	Podolin podolin@rowan.edu	Permission by Instructor	3 L	Letter of Agreement form required: Click Here for Form
45916	MBS 00680	Laboratory Research A - MBS	Moss mosseg@rowan.edu	Limited to MBS Students	2 L	Letter of Agreement form required: Click Here for Form
45918	MBS 00681	Laboratory Research B - MBS	Moss mosseg@rowan.edu	Limited to MBS Students	2 S/U	Letter of Agreement form required: Click Here for Form
45909	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: Click Here for Form

Full time status: Fall/Spring Terms are 9 credits Summer Term is 4 credits
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FALL 2019 COURSE SCHEDULE

HISTOPATHOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start September 3, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45928	MBS 00501	Biochemistry and Molecular Biology	Caradonna caradonn@rowan.edu	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
45929	MBS 00502	Cell Biology	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45920	MBS 00609	Mechanism of Disease	Neary nearycl@rowan.edu	MBS 501 & MBS 502 (C or better) Limited to 50 students	2 L	Tuesday 5:00 PM – 7:00 PM Rowan Medicine Building Room 3000
45911	MHP 00614	Basic Animal Techniques	Demarest demarest@rowan.edu	MBS 501 & MBS 502 (C or better) Histopathology Program students only	4 L	Tuesday 9:00 AM – 1:00 PM and Friday 1:00 PM – 5:00 PM Science Center Room 123
45921	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 10/4/19 and ends 12/13/19</i> Science Center Room 290
45913	MHP 00650	Histopathology Internship	Demarest demarest@rowan.edu	Limited to Histopathology Program students only	3 P/F	

Full time status: Fall/Spring Terms are 9 credits Summer Term is 4 credits

Part time status: Fall/Spring Terms are 5 credits Summer Term is 2 credits

COURSES HIGHLIGHTED IN YELLOW ARE NOT AVAILABLE FOR ONLINE REGISTRATION

FALL 2019 COURSE SCHEDULE

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

Courses start September 3, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
45928	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
45929	MBS 00502	CORE: Cell Biology*	Markov markovdm@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
45903	MPI 00680	Mol Path and Immuno Lab Rotation I	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
45904	MPI 00681	Mol Path and Immuno Lab Rotation II	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
45921	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 Class starts 10/4/19 and ends 12/13/19 Science Center Room 290
45905	MPI 00603	Mol Path and Immuno Readings II	Nickels nickels@rowan.edu jnickels@mdlab.com	Readings in MPI-I	2 L	Thursday 3:00 PM – 5:00 PM GBG Campus** in HAMILTON, NJ
45906	MPI 00690	Mol Path and Immuno Thesis Research	Mentor	MPI Program Students Only	7 S/U	GBG Campus** in HAMILTON, NJ
45908	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: Click Here for Form
<p style="text-align: center;">**The Genesis Biotechnology Group (GBG) educational sites are:</p> <ol style="list-style-type: none"> 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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