

SPRING 2019 COURSE SCHEDULE



GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

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

Courses start January 7, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
25299	CMB 00702	CORE: Molecular Biology of the Cell	Henry henrymf@rowan.edu	CMB Program students only	4 L	Tuesday & Thursday 9:30 AM – 11:30 AM Science Center Room 145
25301	CMB 00803	SKILL: Scientific Writing	Shcherbik shchern@rowan.edu Loweth loweth@rowan.edu	CMB Program students only 1 st year students	2 L	Wednesday 1 PM – 3 PM Science Center Room 145
25376	CMB 00812	SKILL: Quantitative Methods	Moss mosseg@rowan.edu	CMB Program students only 2 nd year students	2 L	Wednesday 9:30 AM – 11:30 AM Science Center Room 145
25327	CMB 00810	FOCUS: Biomolecular Interactions	Borukhov borukhse@rowan.edu	CMB Program students only 1 st & 2 nd year students	2 L	Friday 2 PM – 4 PM Science Center Room 145
25305	CMB 00906	Lab Rotation Spring - CMB	Pestov pestovdg@rowan.edu		3 L	
25307	CMB 00920	Research in Cell and Molecular Biology	Mentor		6 S/U	
25309	CMB 00999	Thesis Research / Ph.D.	Anikin anikinmi@rowan.edu		10 S/U	
25310	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 2019 COURSE SCHEDULE

BIOMEDICAL SCIENCES PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 22, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
25312	MBS 00503	REQUIRED: Systems Physiology	Yin yinki@rowan.edu	<u>Current Students:</u> MBS 501 and MBS 502 (C or better) <u>New Students:</u> Permission of Instructor	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
25314	MBS 00603	REQUIRED: Immunology	Demarest demarest@rowan.edu	MBS 501 and MBS 502 (C or better)	3 L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
25316	MBS 00616	REQUIRED: Biomedical Data Analysis	Houbaviy houbavhr@rowan.edu	No	2 L	Monday 5:00 PM – 7:00 PM Academic Center Room 279
25317	MBS 00506	REQUIRED: Biomedical Anatomy	Fischer fischeje@rowan.edu	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 343
25318	MBS 00602	Antimicrobial Drugs: Mechanisms of action and resistance	Borukhov borukhse@rowan.edu	Microbiology recommended Compliments Pharmacology	3 L	Tuesday 5:00 PM – 8:00 PM Science Center Room 145
25558	MBS 00612	Principles of Pharmacology	Spur spurbw@rowan.edu	No	3 L	Thursday 5:30 PM – 8:30 PM Academic Center Auditorium
25321	MBS 00613	Independent Study	Mentor	Permission by Investigator	3 L	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
25323	MBS 00680	Laboratory Research A - MBS	Mentor	Permission by Investigator	2 L	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
25324	MBS 00681	Laboratory Research B - MBS	Mentor	Permission by Investigator	2 S/U	Letter of Agreement required: http://www.rowan.edu/som/gsbs/current/forms.php
25319	MBS 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Mentor	Permission by Investigator	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 2019 COURSE SCHEDULE

HISTOPATHOLOGY PROGRAM COURSES (15 HOURS/CREDIT)

Courses start January 22, 2019 except**

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
25311	MHP 00650	Histopathology Internship	Demarest demarest@rowan.edu	Histopathology Program students only	3 P/F	**STARTS on January 7**
25320	MHP 00610	Basic Laboratory Techniques – Biology	Demarest demarest@rowan.edu Neary nearycl@rowan.edu	MBS 501 and MBS 502 (C or better) Histopathology Program students only	3 L	Monday 2:00 PM – 5:00 PM Science Center Room 122
25322	MHP 00611	Histology I: Basic Tissue Types	Neary nearycl@rowan.edu	MBS 501 and MBS 502 (C or better) Histopathology Program students only	3 L	Tuesday & Thursday 12:00 PM – 2:00 PM Tuesdays - SC 145 Thursdays - AC 347
25315	MHP 00615	Advanced Laboratory Animal Techniques	Demarest demarest@rowan.edu	MHP 610, MHP 611, MHP 612, and MHP 614 Histopathology Program students only	4 L	Tuesday 9:00 AM-1:00 PM AND Friday 1:00 PM- 5:00 PM Science Center Room 122
25313	MHP 00613	Histology III: Organ Systems	Neary nearycl@rowan.edu	MHP 611 and MBS 503 Histopathology Program students only	3 L	Tuesday 2:00 PM -5:00 PM Academic Center Room 347
25308	MHP 00616	Topics in Pathology	Neary nearycl@rowan.edu	MBS 609 Co-Requisite: MHP 613 Histopathology Program students only	2 L	Monday 3:00 PM-5:00 PM Science Center Room 145

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SPRING 2019 COURSE SCHEDULE

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

Courses start January 22, 2019

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
25306	MPI 00504	*CORE: Topics in Molecular Pathology & Immunology	Nickels nickels@rowan.edu jnickels@mdlab.com Bommireddy Venkata bommireddyvenkata@rowan.edu vgrbv@Oncoveda.com	No	4 L	Tuesday and Thursday 10:00 AM – 12:00 PM GBG Campus** in HAMILTON, NJ
25302	MPI 00601	Techniques in Molecular Diagnostics	Nickels nickels@rowan.edu jnickels@mdlab.com	No	2 L	Monday-Friday AS NEEDED GBG Campus** in HAMILTON, NJ
25303	MPI 00685	Molecular Pathology & Immunology Research I	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
25300	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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