

## SPRING 2022 COURSE SCHEDULE

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

**Courses start January 3, 2022**

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
<b>25178</b>	CMB 00702	FOUNDATION: Molecular Biology of the Cell	Henry <a href="mailto:henrymf@rowan.edu">henrymf@rowan.edu</a>	CMB Program students only	4 L	Tuesday & Thursday 9:30 AM – 11:30 AM Science Center Room 145
<b>25179</b>	CMB 00803	SKILL: Scientific Writing	Shcherbik <a href="mailto:shcherbik@rowan.edu">shcherbik@rowan.edu</a>  Loweth <a href="mailto:loweth@rowan.edu">loweth@rowan.edu</a>	CMB Program students only 1 <sup>st</sup> year students	2 L	Wednesday 1 PM – 3 PM Science Center Room 145
<b>25180</b>	CMB 00812	SKILL: Quantitative Methods	Loweth <a href="mailto:loweth@rowan.edu">loweth@rowan.edu</a>	CMB Program students only 2 <sup>nd</sup> year students	2 L	Wednesday 9:30 AM – 11:30 AM Science Center Room 145
<b>25182</b>	CMB 00806	FOCUS: Graduate Genetics	Ellis <a href="mailto:ellisre@rowan.edu">ellisre@rowan.edu</a>	CMB Program students only 1 <sup>st</sup> or 2 <sup>nd</sup> year students	2 L	Thursday 2 PM – 4 PM Science Center Room 145
<b>25206</b>	CMB 00815	FOCUS: Neuropharmacology & Behavior	Manvich <a href="mailto:manvich@rowan.edu">manvich@rowan.edu</a>  Navarra <a href="mailto:navarra@rowan.edu">navarra@rowan.edu</a>	CMB Program students only 1 <sup>st</sup> or 2 <sup>nd</sup> year students	2 L	Monday & Wednesday 11:45 AM – 12:45 PM Science Center Room 145
<b>25186</b>	CMB 00906	Lab Rotation Spring - CMB	Pestov <a href="mailto:pestovdg@rowan.edu">pestovdg@rowan.edu</a>		3 L	
<b>25188</b>	CMB 00920	Advanced Graduate Research	Manvich <a href="mailto:manvich@rowan.edu">manvich@rowan.edu</a>	CMB Program students only	5 L	
<b>25190</b>	CMB 00999	Thesis Research / Ph.D.	Anikin <a href="mailto:anikinmi@rowan.edu">anikinmi@rowan.edu</a>		9 S/U	
	CMB 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Anikin <a href="mailto:anikinmi@rowan.edu">anikinmi@rowan.edu</a>	Cell and Molecular Biology program students only	5 S/U	Master of Science Thesis Continuation form required: <a href="#">Click Here for Form</a>

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**

## SPRING 2022 COURSE SCHEDULE

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

**Courses start January 18, 2022**

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
<b>25191</b>	MBS 00503	REQUIRED: Systems Physiology	Yin <a href="mailto:yinki@rowan.edu">yinki@rowan.edu</a>	Current Students: MBS 501 and MBS 502 (C or better)  New Students: Permission of Instructor OR ANS 501 (C or better)	3  L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>25193</b>	MBS 00603	REQUIRED: Immunology	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	MBS 501 and MBS 502 (C or better)	3  L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
<b>25192</b>	MBS 00616	REQUIRED: Biomedical Data Analysis	Houbaviy <a href="mailto:houbavhr@rowan.edu">houbavhr@rowan.edu</a>	No	3  L	Monday 5:00 PM – 8:00 PM Academic Center Room 279
<b>25194</b>	MBS 00506	REQUIRED: Biomedical Anatomy	Milani <a href="mailto:milani@rowan.edu">milani@rowan.edu</a>	No	3  L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>25195</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	3  L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 343
<b>25196</b>	MBS 00612	Principles of Pharmacology	Spur <a href="mailto:spurbw@rowan.edu">spurbw@rowan.edu</a> Yin <a href="mailto:yinki@rowan.edu">yinki@rowan.edu</a>	No	3  L	Wednesday 5:30 PM – 8:30 PM Academic Center Room 343
<b>25197</b>	MBS 00613	Independent Study	Podolin <a href="mailto:podolin@rowan.edu">podolin@rowan.edu</a>	Permission by Investigator	2  L	Letter of Agreement form required: <a href="#">Click Here for Form</a>
<b>25198</b>	MBS 00680	Laboratory Research A - MBS	Milani <a href="mailto:milani@rowan.edu">milani@rowan.edu</a>	Limited to MBS Students	2  L	Letter of Agreement and Lab Safety Training required: <a href="#">Click Here for Form</a>
<b>25199</b>	MBS 00681	Laboratory Research B - MBS	Milani <a href="mailto:milani@rowan.edu">milani@rowan.edu</a>	Limited to MBS Students	2  S/U	Letter of Agreement and Lab Safety Training required: <a href="#">Click Here for Form</a>

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

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## SPRING 2022 COURSE SCHEDULE

### HISTOPATHOLOGY (MHP) PROGRAM COURSES (15 HOURS/CREDIT)

**Courses start January 18, 2022 except\*\***

CRN #	Course #	Title	Instructor	Prerequisites	Credits <small>Grade Mode</small>	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
<b>25189</b>	MHP 00650	REQUIRED: Histopathology Internship	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	Histopathology Program students only	3  P/F	**STARTS on January 3**
<b>25181</b>	MHP 00610	REQUIRED: Basic Laboratory Techniques – Biology	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>  Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MBS 501 and MBS 502 (C or better)  MHP Program students only	3  L	Monday 2:00 PM – 5:00 PM  Rowan Medicine Building Room 3013
<b>25183</b>	MHP 00611	REQUIRED: Histology I: Basic Tissue Types	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MBS 501 and MBS 502 (C or better) OR ANS 501 (C or better)  MHP and ANS Program students only	3  L	Tuesday & Thursday 12:00 PM – 2:00 PM  Tuesdays - SC 145 Thursdays - AC 347
<b>25184</b>	MHP 00615	REQUIRED: Advanced Laboratory Animal Techniques	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	MHP 610, MHP 611, MHP 612, and MHP 614  MHP Program students only	4  L	Tuesday 9:00 AM-1:00 PM AND Friday 1:00 PM- 5:00 PM  Science Center Room 314
<b>25185</b>	MHP 00613	REQUIRED: Histology III: Organ Systems	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MHP 611 and MBS 503  MHP and ANS Program students only	3  L	Tuesday 2:00 PM -5:00 PM Academic Center Room 347
<b>25187</b>	MHP 00616	REQUIRED: Topics in Pathology	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MHP 611 and MBS 503  Co-Requisite: MHP 613  MHP and ANS Program students only	2  L	Monday 3:00 PM-5:00 PM Science Center Room 117
<b>25200</b>	MHP 00640	Histopathology Independent Study (H.I.S.)	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>  Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	Limited to MHP Program students only	3  L	Permission by Instructor and H.I.S. Google 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**

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## SPRING 2022 COURSE SCHEDULE

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

**Courses start January 18, 2022**

CRN #	Course #	Title	Instructor	Prerequisites	Credits Grade Mode	Days/Hours Location
Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
25193	MBS 00603	REQUIRED: Immunology	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	MBS 501 and MBS 502 (C or better)	3 L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
	MPI 00503	REQUIRED: Molecular Pathology and Immunology Seminar	Nickels <a href="mailto:nickels@rowan.edu">nickels@rowan.edu</a> <a href="mailto:jnickels@mdlab.com">jnickels@mdlab.com</a>	No	2 L	Wednesday 9:00 AM – 11:00 AM  GBG Campus** in HAMILTON, NJ
25191	MBS 00503	Systems Physiology	Yin <a href="mailto:yinki@rowan.edu">yinki@rowan.edu</a>	MBS 501 and MBS 502 (C or better)	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
25194	MBS 00506	Biomedical Anatomy	Milani <a href="mailto:milani@rowan.edu">milani@rowan.edu</a>	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
25192	MBS 00616	Biomedical Data Analysis	Houbaviy <a href="mailto:houbavhr@rowan.edu">houbavhr@rowan.edu</a>	No	3 L	Monday 5:00 PM – 8:00 PM Academic Center Room 279
25195	MBS 00602	Antimicrobial Drugs: Mechanisms of action and resistance	Borukhov <a href="mailto:borukhse@rowan.edu">borukhse@rowan.edu</a>	Microbiology recommended  Compliments Pharmacology	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 343
25196	MBS 00612	Principles of Pharmacology	Spur <a href="mailto:spurbw@rowan.edu">spurbw@rowan.edu</a> Yin <a href="mailto:yinki@rowan.edu">yinki@rowan.edu</a>	No	3 L	Wednesday 5:30 PM – 8:30 PM Academic Center Room 343
	MPI 00682	Optional: Mol Path and Immuno Lab Rotation III	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
	MPI 00685	REQUIRED: Molecular Pathology & Immunology Research I	Mentor	MPI Program Students Only	1 L	GBG Campus** in HAMILTON, NJ
<b>**The Genesis Biotechnology Group (GBG) educational sites are:</b> 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 <a href="http://www.mdlab.com/rowan_university/directions.html">http://www.mdlab.com/rowan_university/directions.html</a> (approximately 45 minutes from the Stratford Campus)						

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