

## FALL 2022 COURSE SCHEDULE

### ANATOMICAL SCIENCES (ANS) PROGRAM COURSES (15 HOURS/CREDIT)

**Course starts September 6, 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>46048</b>	ANS 00501	Clinically Integrated Human Anatomy	Carsia <a href="mailto:carsiario@rowan.edu">carsiario@rowan.edu</a>	ANS Program students only	8 L	Academic Center and Science Center (see syllabus)

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

**Courses start September 6, 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>45428</b>	MBS 00501	REQUIRED: Biochemistry and Molecular Biology	Powers <a href="mailto:powersj@rowan.edu">powersj@rowan.edu</a>	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45429</b>	MBS 00502	REQUIRED: Cell Biology	Zambito <a href="mailto:zambito@rowan.edu">zambito@rowan.edu</a>	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45430</b>	MBS 00610	REQUIRED: Microbiology	Henry <a href="mailto:henrymf@rowan.edu">henrymf@rowan.edu</a>	No	3 L	Monday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45431</b>	MBS 00505	REQUIRED: Human Genetics	Ellis <a href="mailto:ellisre@rowan.edu">ellisre@rowan.edu</a>	No	3 L	Thursday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45432</b>	MBS 00606	Essential Neuroscience	Leone <a href="mailto:leonepa@rowan.edu">leonepa@rowan.edu</a> Devilbiss <a href="mailto:devilbiss@rowan.edu">devilbiss@rowan.edu</a>	No Limited to 45 students	3 L	Wednesday 5:00 PM – 8:00 PM Rowan Medicine Building Room 3000
<b>45433</b>	MBS 00609	Mechanisms of Disease	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MBS 501 & MBS 502 (C or better) Limited to 35 students	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 343
<b>45434</b>	MBS 00611	Pathophysiology of Cardiovascular System	Hock <a href="mailto:hock@rowan.edu">hock@rowan.edu</a>	MBS 503 (C or better) Limited to 20 students	3 L	Tuesday 6:00 PM – 9:00 PM Rowan Medicine Building Room 3000
<b>45435</b>	MBS 00613	Independent Study	Milani <a href="mailto:milani@rowan.edu">milani@rowan.edu</a>		2 L	

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 2022 COURSE SCHEDULE

<b>45436</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>45437</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>

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

**Courses start September 6, 2022**

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Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
<b>45428</b>	MBS 00501	REQUIRED: Biochemistry and Molecular Biology	Powers <a href="mailto:powersj@rowan.edu">powersj@rowan.edu</a>	No	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45429</b>	MBS 00502	REQUIRED: Cell Biology	Zambito <a href="mailto:zambito@rowan.edu">zambito@rowan.edu</a>	No	3 L	Wednesday 5:00 PM – 8:00 PM Academic Center Room 279
<b>45426</b>	CMB 00910  Section 001	REQUIRED: Responsible Conduct in Research	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	Required for ALL PhD and MS Students	0 S/U	Friday 12:00 PM – 1:00 PM <i>Class starts 10/7/22 and ends 12/16/22</i> Science Center Room 290
<b>45433</b>	MBS 00609	REQUIRED: Mechanisms of Disease	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	MBS 501 & MBS 502 (C or better)  Limited to 35 students	3 L	Tuesday 5:00 PM – 8:00 PM Academic Center Room 343
<b>45989</b>	MHP 00614	REQUIRED: Basic Laboratory Animal Techniques	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	MHP 610, MHP 611, MHP 612  Histopathology 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>45990</b>	MHP 00650	REQUIRED: Histopathology Internship	Demarest <a href="mailto:demarest@rowan.edu">demarest@rowan.edu</a>	Limited to Histopathology Program students only	3 P/F	Science Center Room 314
<b>45991</b>	MHP 00640	Histopathology Independent Study	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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## FALL 2022 COURSE SCHEDULE

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

**Courses start September 6, 2022**

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Grade Modes: L = Normal; S/U = Satisfactory/Unsatisfactory; P/F = Pass/Fail						
<b>46032</b>	CMB 00701	FOUNDATION: Graduate Biochemistry	Anikin <a href="mailto:anikinmi@rowan.edu">anikinmi@rowan.edu</a>	MCBN Program students only	4  L	Tuesday & Thursday 9:30 AM – 11:30 AM Science Center Room 145
<b>46033</b>	CMB 00802	SKILL: Experimental Design	Cooper <a href="mailto:cooperka@rowan.edu">cooperka@rowan.edu</a>	MCBN 1 <sup>st</sup> year students	2  L	Monday 10 AM – 12 PM Science Center Room 145
<b>46034</b>	CMB 00804	SKILL: Critical Readings in MCBN	Pestov <a href="mailto:pestovdg@rowan.edu">pestovdg@rowan.edu</a>	MCBN 2 <sup>nd</sup> year students	2  L	Monday 2:00 PM – 4:00 PM Science Center Room 145
<b>46036</b>	CMB 00811	FOCUS: Fundamentals of Neuroscience	Chandler <a href="mailto:chandlerc@rowan.edu">chandlerc@rowan.edu</a> West <a href="mailto:westniedringhaus@rowan.edu">westniedringhaus@rowan.edu</a>	MCBN 1 <sup>st</sup> year students	2  L	Wednesday 9:30 AM – 11:30 AM Science Center Room 145
<b>46035</b>	CMB 00805	FOCUS: Cell Culture and Stem Cells	Houbaviy <a href="mailto:houbavhr@rowan.edu">houbavhr@rowan.edu</a> Pestov <a href="mailto:pestov@rowan.edu">pestov@rowan.edu</a>	MCBN 2 <sup>nd</sup> year students	2  L	Wednesday 2:00 PM – 4:00 PM Science Center Room 145
<b>46037</b>	CMB 00813	FOCUS: Neuroanatomy: Structure & Function of the Vertebrate Nervous System	Rood <a href="mailto:rood@rowan.edu">rood@rowan.edu</a>	MCBN 2 <sup>nd</sup> year students	2  L	Monday 9:30 AM – 11:30 AM Science Center Room 117
<b>46016</b>	CMB 00905	Lab Rotation Fall - MCBN	Pestov <a href="mailto:pestovdg@rowan.edu">pestovdg@rowan.edu</a>	MCBN Program students only	3  L	
<b>46015</b>	CMB 00901	Lab Rotation A - MCBN	Pestov <a href="mailto:pestovdg@rowan.edu">pestovdg@rowan.edu</a>	DO/PhD students in fall semester only	1  L	
<b>45426</b>	CMB 00910  Section 001	Responsible Conduct in Research	Neary <a href="mailto:nearycl@rowan.edu">nearycl@rowan.edu</a>	Required for ALL PhD and MS Students	0  S/U	Friday 12:00 PM – 1:00 PM <i>Class starts 10/7/22 and ends 12/16/22</i> Science Center Room 290
<b>46017</b>	CMB 00920	Advanced Graduate Research	Manvich <a href="mailto:manvich@rowan.edu">manvich@rowan.edu</a>	MCBN Program students only	5  L	
<b>45981</b>	CMB 00999	Thesis Research / Ph.D.	Anikin <a href="mailto:anikinmi@rowan.edu">anikinmi@rowan.edu</a>	MCBN Program students only	9  S/U	
	CMB 00699	MS Thesis Continuation (\$200 fee; NO tuition)	Anikin <a href="mailto:anikinmi@rowan.edu">anikinmi@rowan.edu</a>	MCBN 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

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