

GRADUATE SCHOOL OF BASIC MEDICAL SCIENCES
SPRING 2023 COURSE OFFERINGS, Updated 12-21-2022

Please note: Spring 2023 course lectures will be held in either in-person, hybrid, or online format.
 However, please note that all exams will be offered in-person, on campus.

BIOCHEMISTRY AND MOLECULAR BIOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16008	BCHM 1020	4	General Biochemistry II <i>Dr. John T. Pinto</i>	Tues. & Thurs.	4:00-5:50 pm	Hybrid: Lectures Online and Exams In-Person
16009	BCHM 1021	1	Selected Topics in Biochemistry II <i>Dr. John T. Pinto</i>	Tues. & Thurs.	4:00-5:50 pm	Hybrid: Lectures Online and Exams In-Person
16010	BCHM 1250	4	Biochemistry of Gene Expression <i>Dr. Esther Sabban</i>	Mon. & Wed.	6:00-7:50 pm	Hybrid: Lectures Online and Exams In-Person
16011	BCHM 7010	1	Directed Readings in Specialized Topics <i>Course Director: Dr. Zhongtao Zhang</i> <i>Topic and Instructor - To Be Arranged</i>		To Be Arranged	
16012	BCHM 7102	1	Phytonutrients as Epigenic and Metabolic Regulators of Cellular Functions in Normal and Disease States <i>Dr. John T. Pinto & Dr. Joseph Wu</i> <i>Limited Enrollment</i>	TBA	TBA	Online
16013	BCHM 8020	1	Departmental Seminar and Journal Club <i>Dr. Zhongtao Zhang</i>	Wednesday	12:00-12:50 pm	In-Person: BSB 112

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	Room
16014	BCHM 8311	1	Teaching Assistance in Biochemistry and Molecular Biology	Dr. Zhongtao Zhang
16015	BCHM 8312	2	Teaching Assistance in Biochemistry and Molecular Biology	Dr. Zhongtao Zhang
16016	BCHM 9110	1	Research Rotation in Biochemistry & Molecular Biology*	Dr. Zhongtao Zhang
16017	BCHM 9200	1	Research Techniques in Biochemistry & Molecular Biology*	Dr. Zhongtao Zhang
16018	BCHM 9700	4	Master's Independent Study	Dr. Zhongtao Zhang
16019	BCHM 9800	1-5	Master's Thesis Research	Dr. Zhongtao Zhang
16020	BCHM 9900	1	Doctoral Dissertation Research* *Open to PhD Students Only	Dr. Zhongtao Zhang

CELL BIOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
11438	CBAM 1360	3	Cell Biology <i>Dr. Ken Lerea & staff</i>	Tues. & Thurs.	6:00-7:20 pm	Hybrid: Online and In-Person (Cooke)
16059	CBAM 7102	1	Cellular Pathways in Quality Control <i>Dr. Victor Fried</i> <i>Limited Enrollment</i>		TBA	
16060	CBAM 8010	1	Departmental Seminar and Journal Club <i>Dr. Victor Fried</i>	Thursday	12:00-12:50 pm	In-Person: BSB 210
16061	CBAM 8020	1	Research Seminar <i>Dr. Victor Fried</i>	Wednesday	2:00-2:50 pm	In-Person: BSB 210
16062	CBAM 8330	2	Teaching Assistance in Neuroscience <i>Dr. Libor Velisek</i> PERMISSION OF INSTRUCTOR REQUIRED	TBA	TBA	TBA
16063	BMSM 1410	7	Medical Neuroscience * <i>Dr. Libor Velisek</i>	Various days/times		In-Person: Nevins

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	
16064	CBAM 8311	1	Teaching Assistance in Cell Biology and Anatomy	Dr. Victor Fried
16065	CBAM 8312	2	Teaching Assistance in Cell Biology and Anatomy	Dr. Victor Fried
16066	CBAM 9110	1	Research Rotation in Cell Biology & Neuroscience*	Dr. Joseph Etlinger
16067	CBAM 9200	1	Research Techniques in Cell Biology*	Dr. Victor Fried
16068	CBAM 9700	4	Master's Independent Study	Dr. Victor Fried
16069	CBAM 9800	1-5	Master's Thesis Research	Dr. Victor Fried
16070	CBAM 9900	1	Doctoral Dissertation Research*	Dr. Victor Fried

*Open to PhD Students Only

MICROBIOLOGY AND IMMUNOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16071	MCRM 1020	4	General Microbiology II <i>Dr. D. Mordue, Dr. P. Arnaboldi & staff</i>	Mon. & Wed.	4:00-5:50 pm	Hybrid: BSB 307 and Online
16072	MCRM 1050	2	Introduction to Virology , <i>Dr. A. Fulvini & Dr. C. Whitehurst</i>	Tuesday	6:00-7:50 pm	Hybrid: BSB 307 and Online
16073	MCRM 2020	2	Advanced Immunology <i>Dr. Raj Tiwari</i>	Thursday	4:00-5:50 pm	Hybrid: BSB 307 and Online
16074	MCRM 2310	2	Molecular Biology & Immunology of Tumor Cells <i>Dr. Raj Tiwari</i>	Tuesday	4:00-5:50 pm	Hybrid: BSB 307 and Online
16075	MCRM 7010	1-2	Directed Readings in Specialized Topics <i>Course Director: Dr. C. Bakshi</i> <i>Topic and Instructor - To Be Arranged</i>		To Be Arranged	
16076	MCRM 7200	2	Current Topics in Microbiology & Immunology: Infectious Disease <i>Dr. C. Bakshi</i>	Wednesday	6:00-7:50 pm	Hybrid: BSB 307 and Online
16077	MCRM 7200	2	Current Topics in Microbiology & Immunology: Allergy, Inflammation and Probiotics <i>Dr. Xiu-Min Li</i>	Thursday	10:00-11:50 am	Hybrid: BSB 307 and Online
16078	MCRM 8020	1	Departmental Seminar <i>Dr. Raj Tiwari</i>	Friday	12:00-12:50 pm	Hybrid: BSB 307 and Online

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	
16079	MCRM 8311	1	Teaching Assistance in Microbiology and Immunology	Dr. Raj Tiwari
16080	MCRM 8312	2	Teaching Assistance in Microbiology and Immunology	Dr. Raj Tiwari
16081	MCRM 9110	1	Research Rotation in in Microbiology and Immunology *	Dr. Raj Tiwari
16082	MCRM 9200	1	Research Techniques in in Microbiology and Immunology *	Dr. Raj Tiwari
16083	MCRM 9700	4	Master's Independent Study	Dr. Raj Tiwari
16084	MCRM 9800	1-5	Master's Thesis Research	Dr. Raj Tiwari
16085	MCRM 9900	1	Doctoral Dissertation Research*	Dr. Raj Tiwari

*Open to PhD Students Only

PATHOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16086	PATM 1110	3	Fundamentals of Animal Research <i>Dr. Sulli Popilskis</i> (\$515 Lab Fee; Enrollment Limit = 12)	Monday	5:00-7:50 pm	In-Person: BSB 711, 712
16087	PATM 7010	1-2	Directed Readings in Pathology <i>Course Director: Dr. Tetyana Cheairs</i> <i>Topic and Instructor - To Be Arranged</i>		To Be Arranged	
16088	PATM 8010	1	Journal Club* <i>Dr. Tetyana Cheairs</i>	Tuesday	12:00-12:50 pm	Online

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	
16089	PATM 8311	1	Teaching Assistance in Pathology	Dr. Tetyana Cheairs
16094	PATM 8312	2	Teaching Assistance in Pathology	Dr. Tetyana Cheairs
16095	PATM 9110	1	Research Rotation in in Pathology *	Dr. Tetyana Cheairs
16096	PATM 9200	1	Research Techniques in in Pathology *	Dr. Tetyana Cheairs
16097	PATM 9700	4	Master's Independent Study	Dr. Tetyana Cheairs
16098	PATM 9800	1-5	Master's Thesis Research	Dr. Tetyana Cheairs
16099	PATM 9900	1	Doctoral Dissertation Research*	Dr. Tetyana Cheairs

*Open to PhD Students Only

PHARMACOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16101	PHRM 1020	4	Pharmacology II <i>Dr. Charles T. Stier</i>	Tues. & Thurs.	4:00-5:50 pm	Hybrid: BSB 511 and Online
16102	PHRM 2710	2	Immunopharmacology <i>Dr. Nicholas Ferreri</i>	Wednesday	4:00-5:50 pm	Hybrid: BSB 511 and Online
16103	PHRM 7010	1-2	Directed Readings in Pharmacology <i>Course Director: Dr. Charles Stier</i> <i>Topic and Instructor - To Be Arranged</i>		To Be Arranged	
16104	PHRM 7102	1	Selected Topics in Pharmacology <i>Dr. Austin Guo</i> Limited Enrollment	Thursday	2:00-3:50 pm	In-Person: Room 511
16105	PHRM 8010	1	Journal Club <i>Dr. Sachin Gupte</i>	Wednesday	3:00-3:50 pm	Hybrid: BSB 511 and Online
16106	PHRM 8300	1	Laboratory Demonstration <i>Dr. C. Andrew Powers</i> <i>(Pharmacology PhD Students Only)</i>		To Be Arranged	

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	
16107	PHRM 8311	1	Teaching Assistance in Pharmacology	Dr. Sachin Gupte
16108	PHRM 8312	2	Teaching Assistance in Pharmacology	Dr. Sachin Gupte
16109	PHRM 9110	1	Research Rotation in in Pharmacology *	Dr. Sachin Gupte
16111	PHRM 9200	1	Research Techniques in in Pharmacology *	Dr. Sachin Gupte
16112	PHRM 9700	4	Master's Independent Study	Dr. Charles T. Stier
16113	PHRM 9800	1-5	Master's Thesis Research	Dr. Charles T. Stier
16114	PHRM 9900	1	Doctoral Dissertation Research* *Open to PhD Students Only	Dr. Sachin Gupte

PHYSIOLOGY

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16134	PHYM 1020	4	Mammalian Physiology II <i>Dr. Marcello Rota, Dr. Brian Ratliff</i>	Mon. & Wed.	4:00-5:50 pm	Hybrid: Online and In-Person (Cooke)
11527	PHYM 1025	4	Mammalian Physiology II - AMP Open to AMP Students Only <i>Dr. Marcello Rota, Dr. Brian Ratliff</i>	Mon. & Wed.	4:00-5:50 pm	Hybrid: Online and In-Person (Cooke)
16138	PHYM 7010	1-2	Directed Readings in Physiology <i>Course Director: Dr. Carl Thompson</i> <i>Topic and Instructor - To Be Arranged</i>		To Be Arranged	
16140	PHYM 7102	1	Selected Topics in Physiology: Oxidant and Antioxidant Mechanisms in Health & Disease <i>Dr. Michael Wolin</i> <i>Limited Enrollment</i>	Wednesday	6:00-7:50 pm	Online
16142	PHYM 8010	1	Journal Club <i>Dr. Carl Thompson</i>	Monday	12:00-12:50 pm	Hybrid: BSB 609 and Online
16143	PHYM 8020	1	Seminar/Research Rounds * <i>Dr. Carl Thompson</i>		To Be Arranged	

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	Room
16152	PHYM 8311	1	Teaching Assistance in Physiology	Dr. Carl Thompson
16153	PHYM 8312	2	Teaching Assistance in Physiology	Dr. Carl Thompson
16154	PHYM 9110	1	Research Rotation in Physiology*	Dr. Carl Thompson
16155	PHYM 9200	1	Research Techniques in Physiology*	Dr. Carl Thompson
16156	PHYM 9700	4	Master's Independent Study	Dr. Carl Thompson
16157	PHYM 9800	1-5	Master's Thesis Research	Dr. Carl Thompson
16158	PHYM 9900	1	Doctoral Dissertation Research*	Dr. Carl Thompson

*Open to PhD Students Only

BASIC MEDICAL SCIENCES

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16160	BMSM 2020	2	Responsible Conduct of Research <i>Dr. Victor Fried & Dr. Francis Belloni</i> (Enrollment Limit = 20)	Thursday	9:00-10:50 am	In-Person: BSB 609
11441	BMSM 8042	1	Interdisciplinary Grand Rounds and Research Seminar <i>Dr. John Pinto</i> PERMISSION OF INSTRUCTOR REQUIRED	Tuesday	3:00-3:50 pm	Hybrid: BSB 609 and Online
16162	BMSM 8400	3	Internship in the Biomedical Sector (PSM students only) <i>Dr. Dana Mordue</i> PERMISSION OF INSTRUCTOR REQUIRED		To Be Arranged	

RESEARCH AND THESIS COURSES

CRN #	Catalog #	Credits	Title/Instructor	Room
16184	BMSM 9110	1	Research Rotation (1st year IPP students)*	Dr. Marina K. Holz
16185	BMSM 9700	4	Master's Independent Study	Dr. Austin Guo
16186	BMSM 9800	1-5	Master's Thesis Research	Dr. Austin Guo
16187	BMSM 9920	1	Research for Exchange Students *Open to PhD Students Only	Dr. Marina K. Holz

MAINTENANCE OF MATRICULATION

CRN #	Catalog #	Credits	Title/Instructor	Day	Time	Room
16100	BMSM 1000	0	\$100 plus appropriate registration fees			

For all students planning to graduate in May 2023:

You must file an application for graduation with the Registrar (plus appropriate fees) by December 1, 2022.

Information is available on the Registrar section of the NYMC website: <http://www.nymc.edu/current-students/student-services/registrar/graduation/degree-seeking-students/>