

## MS Biomedical Sciences-Post Bac Curriculum

FALL SEMESTER			SPRING SEMESTER		
Code	Course Name	Credits	Code	Course Name	Credits
BIO 625	Advanced Molecular Biology	3	BIO 620	Advanced Cell Biology	3
MAT 610	Statistical Inference and Modeling	3	BIO 680	Bacterial Pathogenesis	3
BIO 6XX	Immunology#	3	HOI 645	Epidemiology	3
BIO 660	Journal Club	1	BIO 660	Journal Club	1
COM 630	Intercultural Communication in Healthcare	3	PSC 500	Applied and Clinical Biochemistry	3
	Bioselective*	3	ETH 510	Healthcare and Human Values	3
<b>Total Credits</b>		<b>16</b>	<b>Total Credits</b>		<b>16</b>
SUMMER SEMESTER					
Code	Course Name	Credits			
BIO 6XX	Capstone Thesis	3			
<b>Total Credits</b>		<b>3</b>			
<b>TOTAL CREDITS: 36</b>					

\*Bioselective Course- Students must select one course from the following courses:

- Genetics & Molecular Basis of Disease
- Infectious Disease Pharmacology
- Public Health Microbiology
- Clinical Microbiology I
- Clinical Microbiology II
- Hematology and Hemostasis

# Program Students who have completed UG Immunology coursework may choose to take BIO 627 Innate Immunology in place of BIO 6XX Immunology.