

Department of Biomedical Sciences
 School of Health Professions & Nursing
 Long Island University/CW Post Campus
 Brookville, NY 11548

Plan of Study

M.S. DEGREE IN MEDICAL BIOLOGY, SPECIALIZATION MEDICAL CHEMISTRY

Student Name _____ Soc. Sec. _____
 Address _____
 Phone # _____ (home) _____ (work)
 E-Mail Address _____
 Undergraduate _____ (from) _____
 (BS BA) _____ College/University _____ Conferred date _____
 Proposed Completion Date for this Graduate Degree _____

Core Courses	(15 credits)	Term	Grade
BMS 550 or BMS 513	Medical Chemistry or Biochemistry (fall)	_____	_____
BMS 520	Pathophysiology I (fall)	_____	_____
BMS 612	Pathophysiology II (spring)	_____	_____
BMS 703	Research Methods (spring/summer)	_____	_____
BMS 704*	Clinical Research Thesis	_____	_____
BMS 706*	Research Project and Comprehensive Exam	_____	_____
BMS 708*	Experimental Research Thesis	_____	_____

***can be taken any time with approval of mentor**

Specialty Courses:	(15 credits)		
BMS 655	Toxicology (fall)	_____	_____
BMS 650	Advanced Medical Chemistry (spring)	_____	_____
BMS 561	Hematology (fall/spring)	_____	_____
BMS 651	Pharmacology (spring)	_____	_____
BMS 656	Diagnostic Techniques in Molecular Pathology (fall/spring)	_____	_____

Supportive Electives	*Note: Total 6 credits between the electives		
BMS 581	Immunology (fall)	_____	_____
BMS 561L OR BMS 661	Hematology Lab OR Advanced Hematology (spring)	_____	_____
BMS 591	Medical Microbiology (fall)	_____	_____
BMS 673	Cancer Research (fall/spring)	_____	_____
BMS 562	Coagulation (fall)	_____	_____
BMS 641	Bioinformatics (summer 1)	_____	_____
BMS 705	Graduate Seminar (fall/spring/summer)	_____	_____

General Electives			
BMS 698	Medical Virology (fall)	_____	_____
BMS 594	Medical Parasitology (spring)	_____	_____
BMS 610	Systemic Pathology (fall)	_____	_____
BMS 687	Advanced Immunology (spring)	_____	_____
BMS 691	Advanced Medical Microbiology (spring)	_____	_____
BMS 585	Immunohematology (fall)	_____	_____
BMS 540	Biostatistics (spring)	_____	_____
BMS 647	Quality Management (spring)	_____	_____

Note: Matriculation status is required for all 700 level courses