rev. 07/2009

Department of Biomedical Sciences
School of Health Professions and Nursing
Long Island University / C.W. Post Campus
Brookville, New York 11548

Plan of Study

M.S. DEGREE IN CLINICAL LABORATORY SCIENCE (52 credits)

Student: _____ **ID#**_____ **TERM ENTERED**: _____
LAST FIRST

Address: _____

Home Phone: _____**Cell Phone**: _____ **Email**: _____

Department Courses:	(27 credits)	Term	Grade
BMS 147	Management, Supervision, Teaching and Prof. Seminar (spring)		
BMS 244	ASCP Review		
BMS 551	Clinical Chemistry I & Urinalysis (spring)		
BMS 562	Coagulation (fall)		
BMS 563	Hematology & Body Fluids (fall)		
BMS 585	Immunohematology (fall)		
BMS 587	Clinical Immunology / Serology (spring)		
BMS 591	Medical Microbiology (fall)		
BMS 609	Laboratory Information Systems (spring)		
BMS 610	Histopathology (fall)		
BMS 647	Quality Management (spring)		
BMS 650	Clinical Chemistry II & Instrumentation (fall)		
BMS 656	Diagnostic Techniques in Molecular Pathology		
BMS 703	Research Methods		
BMS 706*	Research Project		

***requires the approval of the mentor and the department**

Clinical practicums are offered off-campus during the Spring semester over a 24 week period (January through June) done full-time.

Practicum Courses:	(12 credits)		
BMS 759	Clinical Chemistry Practicum – 3cr		
BMS 769	Hematology/Coagulation Practicum – 3cr		
BMS 789	Immunohematology Practicum – 3cr		
BMS 799	Microbiology Practicum – 3cr		

*Matriculation Status is required for all 700 level courses.

Two Year Schedule		Credits
Fall I	BMS 563, 591, 610, 703	12
Spring I	BMS 147, 551, 587, 609, 647	12
Fall II	BMS 562, 585, 650, 656	12
Spring II	BMS 759, 769, 789, 799	12
Summer II	BMS 706, 244	4

Pre-Requisite Courses: Anatomy and Physiology (1 year); Organic Chemistry (1 semester); Biochemistry (1 semester); Statistics (1 semester); Molecular Biology or Genetics (1 semester)