



B.S. IN BIOMEDICAL SCIENCES: Clinical Lab Science/Generalist (134 credits)

FALL 2008

Name: _____ ID# _____ TERM ENTERED: _____

LAST FIRST

Address: _____ NF _____ NT _____

Home Phone: _____ Cell Phone: _____ Email: _____

Credits Remaining: _____ Transfer Credit: Awarded: _____ Applied: _____ Official / Unofficial (circle one)

Deficiencies: Lang. 1 2 Math 1 2

COLLEGE CORE CURRICULUM (38 credits)				
AREA	COURSE	TERM	GR	CR
LANGUAGE/LITERATURE (6 credits required in one subject area) LANG 1,2,3,4,11,12 (French, German, Italian, Spanish, Hebrew, Japanese, Russian) ENG 7, 8				
HISTORY/PHILOSOPHY (9 credits required, maximum 6 credits in one area) HIS 1, 2, 3, 4 PHI 8, 13, 25, 26				
POLITICAL SCIENCE/ECONOMICS (6 credits required in one subject area) ECO 11, 12; POL 1, 2				
SOCIAL SCIENCES (6 credits required in one subject area) PSY 1, 2(Psychology);SOC1,2(Sociology) ANT 1,2(Anthropology);GGR1,2 (Geography)				
FINE ARTS (6 credits required) ART 1, 101; CMA 9; DAN 1, 8; CIN 11; THE 1, 42; MUS 1,2				
MATH (4 credits required) MTH 3 Algebra & Trigonometry				
INTRO TO COLLEGE (1 credit required)	COLL 101			

**Students may take either PSY 1,2 or PSY 3,4 but NOT both

COMPETENCIES						
AREA	EXAM	WRKSH	COURSE	TERM	GR	CR
WRITING ENG 1, 1F, 1P, 1S ENG 2, 2F, 2P						3
COMPUTER	FULFILLED BY BMS 40					
ORAL						3
LIBRARY						

G.P.A. REQUIREMENTS: 2.33 OVERALL, 2.67 MAJOR

Writing Across the Curriculum ("WAC") Requirement:

Prior to graduation, ALL students must complete ENG 1 & 2 plus;

Freshmen: 3 WAC courses (total 5 WAC)

Transfers: 0-59 crs. 3 WAC courses (total 5 WAC); 60-89 crs. 2 WAC courses (total 4 WAC); 90+ crs., 1 WAC course (total 3 WAC)

BASIC SCIENCE REQUIREMENTS			
COURSE (PRE-REQ.)	TERM	GR	CR

BIO 7 Human Anatomy/Physiology 1			4
BIO 8 (BIO 7) Human Anatomy/Physiology 2			4
CHM 3 (MTH 3) Principles of Chemistry			4
CHM 4 (CHM 3) Principles of Chemistry			4
CHM 25 (CHM 4) Basic Organic Chemistry			4
CHM 71 (CHM 25) Basic Biochemistry			4
MTH 19 or 41 or BIO 141 or ECO 72 Statistics			3

TOTAL 27

BIOMEDICAL SCIENCE COURSES			
BMS 225 Histopathology of Body Systems			3
BMS 40 Computer Applications			3
BMS 49 (BMS 40) Lab Info. Systems	Sp		1
BMS 80 (BIO 8) Immunology	Fa		3
BMS 87 (BMS 80) Clinical Immunology WAC	Sp		3
BMS 90 Microbiology in Health Sciences			4
BMS 256 (BMS 80) Diagnostic Techniques in Molecular Pathology			4
BMS 50 (BIO 8, CHM 4 & 25) Clinical Chemistry 1 and Urinalysis	Sp		4
BMS 63 (Pre- BIO 8; Co- CHM 4) Intro to Hematology/Phlebotomy	Sp		3
BMS 97 (BIO 7 or 8) Virology	Fa		1
BMS 147 Management, Supervision, Teaching and Professionalism Seminar	Sp		2
BMS 150 (BMS 50) Clinical Chemistry II and Instrumentation	Fa		4
BMS 162 (BMS 63) Coagulation	Fa		2
BMS 161 (BMS 63) Hematology & Body Fluids	Fa		3
BMS 185 (BMS 87) Immunohematology WAC	Fa		4
BMS 191 (BMS 90 & 97) Clinical Bacteriology	Fa		3
BMS 194 (BMS 90) Mycology & Parasitology	Sp		3
BMS 244 Journal Seminar	Sp		1

TOTAL 51

SENIOR YEAR PRACTICUM*			
BMS 259 Practicum in Clinical Chemistry	Sp		3
BMS 269 Pract. in Hematology & Coagulation	Sp		3
BMS 289 Practicum in Immunohematology	Sp		3
BMS 299 Practicum in Microbiology	Sp		3

TOTAL 12

Only Grades of "C" or better will be acceptable for major classes

New York State Licensing Certification exam required after graduation in order to practice in New York.