

B.S. IN BIOMEDICAL SCIENCES, Clinical Lab Science/Categorical Laboratorian

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, 19, 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
						3
COMPUTER	FULFILLED BY BMS 40					
ORAL						
LIBRARY						

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

Please refer to the Bulletin for information regarding all major options and separate admissions requirements for each major through their respective department.

BASIC SCIENCE REQUIREMENTS			
COURSE (PRE-REQ.)	TERM	GR	CR
BIO 7 Anatomy & Physiology 1			4
BIO 8 (BIO 7) Anatomy & Physiology 2			4
CHM 3 (MTH 3) Principles of CHM 1			4
CHM 4 (CHM 3) Principles of CHM 2			4
MTH 19 Statistics <u>or</u> 41/BIO 141 Biostatistics			3
CHM 25 (CHM 4) Basic Organic CHM			4
CHM 71 (CHM 25) Basic Biochemistry			4

BIOMEDICAL SCIENCE COURSES			
COURSE	TERM	GR	CR
BMS 225 (BIO 8) Histopathology of Body Systems			3
BMS 40 Computer Applications			3
BMS 49 (BMS 40) Lab Information Systems			1
BMS 80 (BIO 8) Immunology			3
BMS 87 (BMS 80) Clinical Immunology WAC			3
BMS 90 Microbiology in Health Sciences			4
BMS 256 (BMS 80) Diagnostic Techniques in Molecular Pathology			4
BMS 50 (BIO 7, CHM 25) Clin. CHM 1 & Urinalysis			4
BMS 63 (BIO 8, co CHM 4) Hematology/Phlebotomy			3
BMS 97 (BIO 7 <u>or</u> 8) Virology			1
BMS 147 Management, Supervision, Teaching & Professionalism Seminar			2
BMS 150 (BMS 50) Clinical CHM 2 & Instrumentation			4
BMS 162 (BMS 63) Coagulation			2
BMS 161 (BMS 63) Hematology & Body Fluids			3
BMS 185 (BMS 87) Immunohematology WAC			4
BMS 191 (BMS 90, 97) Clinical Bacteriology			3
BMS 194 (BMS 90) Mycology & Parasitology			3
BMS 244 Journal Seminar	Sp		1

SUGGESTED ELECTIVES (12 Credits min.)			
COURSE	TERM	GR	CR
BMS 51 Pharmacology			3
BMS 212 Pathophysiology			3

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)

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