



B.S. IN BIOMEDICAL TECHNOLOGY (129 credits minimum)

FALL 2006

Name: _____ ID# _____ TERM ENTERED: _____

LAST

FIRST

Address: _____ NF _____ NT _____

Home Phone: (____) _____ - _____ Cell Phone: (____) _____ - _____ E-mail: _____

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				
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						
LIBRARY						

BASIC SCIENCE REQUIREMENTS				
COURSE (PRE-REQ.)		TERM	GR	CR
BIO 7 & Anatomy & Physiology BIO 8 (BIO 7)	OR	BIO 103 & General BIO BIO 104 (103)	FA SP	4 4
CHM 3 (MTH 3) Principles of Chemistry I				4
CHM 4 (CHM 3) Principles of Chemistry II				4
MTH 19 Statistics or MTH 41 Biostatistics or BIO 141 Biostatistics				3

TOTAL 19

ADVANCED SCIENCE REQUIREMENTS				
CHM 21 (CHM 4) & Organic CHM CHM 22 (CHM 21)	OR	CHM 25 (CHM 4) Basic Organic CHM & CHM 71 (CHM 25) Basic Biochemistry		4 4

TOTAL 8

BIOMEDICAL SCIENCE CORE				
BMS 20 (BIO 8 or 104) Disease Processes	WAC	Fa		3
BMS 40 Computer Applications				3
BMS 49 (BMS 40) Laboratory Info Systems				1
BMS 80 (BIO 8 or 104) Immunology		Fa		3
BMS 87 (BMS 80) Clinical Immunology	WAC	Sp		3
BMS 90 Microbiology in Health Sciences				4

TOTAL 17

BIOMEDIAL TECHNOLOGY PROGRAM				
BIO 121 (BIO 8 or 104) Intro to Human Genetics				3
BMS 51 (CHM 22 or 25) Pharmacology		Sp		3
BMS 97 (BIO 8 or 104) Virology		Fa		1
BMS 212 (BMS 20) Pathophysiology II		Sp		3
BMS 225 (BMS 20) Histopathology of Body System		Fa		3
BMS 244 Journal Club Seminar		Sp		1
BMS 248 (BMS 49, co-MTH 19) Research Project		Sp		4
BMS 249 (BMS 49, co-BIO 121) Bioinformatics		Fa		3
BMS 256 (BMS 80) Diagnostic Techniques in Molecular Pathology		Sp		4
BMS ELECTIVE: 50 or 150 <i>suggested</i>				4

TOTAL 29

ELECTIVES 12 CREDITS				
PHI/BMS 19 Medical Ethics <i>recommended</i>				

G.P.A. REQUIREMENTS: 2.0 OVERALL, 2.33 MAJOR

C+ or better *recommended* for all BMS courses

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)