



## PROGRAM GUIDE

BACHELOR OF SCIENCE  
BIOTECHNOLOGY

FALL 2009-2010

Student's Name \_\_\_\_\_

Entrance Date \_\_\_\_\_

<b>CORE</b>			<b>36</b>
___	ENGL	150 English Composition I	3
___	ENGL	151 English Composition II	3
___	ENGL	218 Technical Writing	3
___	ENGL	250 World Literature I <b>OR</b>	
___	ENGL	251 World Literature II	3
___	COPA	250 Arts & Hum. Experience I	3
___	COPA	251 Arts & Hum. Experience II <b>OR</b>	
___	CINE	302 Cinema	3
___	HIST	150 Intro to Study of History	3
___	MATH	180 College Algebra	3
___	NSET	101 Intro to Nat. Sci. & Eng. Tech.	3
___	POLS	250 Intro to Govt. Systems <b>OR</b>	
___	POLS	102 American National Govt.	3
___	PSYC	150 Psychological Foundations	3
___	SOC	150 Sociological Foundations <b>OR</b>	
___	SOC	105 Marriage and the Family <b>OR</b>	
___	SOC	111 World Cultures	3

		<b>DEPARTMENT MAJOR REQUIREMENTS</b>	<b>49</b>
___	BMGT	101 Introduction to Business	3
___	BIOL	211 Human Biology	3
___	BIOL	216 Introduction to Microbiology	4
___	BIOL	222 Introduction to Genetics	4
___	BIOL	350 Molecular/Cellular Biology	4
___	CHEM	221 Organic Chemistry	3
___	CHEM	222 Organic Chem./Biochemistry	3
___	CHEM	223 Organic Chemistry Lab	2
___	BTEC	300 Receptors, Signaling Pathways, & Cellular Control Mech.	3
___	BTEC	310 Emerging Life Science Tech.	3
___	BTEC	350 Genomics and Proteomics	3
___	BTEC	400 Animal Modeling of Disease	3
___	BTEC	410 Biotechnology Lab I	2
___	BTEC	420 Biotechnology Lab II	3
___	BTEC	450 Drug Discovery & Develop.	3
___	CMPS	204 C Prog. for Sci. & Tech.	3

<b>DEPARTMENT GENERAL REQUIREMENTS</b>			<b>31</b>
___	BIOL	101 General Biology I	3
___	BIOL	102 General Biology II	3
___	BIOL	103 General Biology Lab I	1
___	BIOL	104 General Biology Lab II	1
___	CHEM	101 General Chemistry I	3
___	CHEM	102 General Chemistry II	3
___	CHEM	103 General Chemistry Lab I	1
___	CHEM	104 General Chemistry Lab II	1
___	MATH	175 Elementary Statistics	3
___	MATH	190 Calculus I	4
___	PHYS	101 Physics I	3
___	PHYS	102 Physics II	3
___	PHYS	103 Physics Lab I	1
___	PHYS	104 Physics Lab II	1

		<b>GENERAL ELECTIVES</b>	<b>6</b>
___	___	___	3
___	___	___	3

**MINIMUM CREDITS FOR B. S. DEGREE 122**