BIOLOGY (BS)

CONCENTRATION: Microbiology (BIM)

Catalog 2007-2000

GPA in program courses: At least a 2.25 in Biology courses

NOTES: Students planning a fifth year of clinical internship in Medical Technology are required to take BIO205 & BIO206 and MET301 & MET302

Name:
SSN/ID:
Advisor (1):
Advisor (2):
Date declared:

***MINOR: Chemistry**

CORE CURRICULUM

CR	COMMON CORE (15 credits)	
3	GST 150 Portal - Seeking Wisdom (FR)	
3	ENG 150 What It Means to Be Human (FR)	
3	RST 210 Christianity in Dialogue with World Religions (SO)	
3	PHL 220 Philosophy and Responsibility (SO/JR)	
3	GST 450 The Capstone Experience	

CORE COMPLEMENT (33-35 credits)

RELIGIOUS STUDIES — 3 credits

3	RST (complement course)	

LITERATURE — 3 credits

3	ENG (complement course)	

FOREIGN LANGUAGES* — 6 credits

3	(complement course)	
3	(complement course)	

**(two sequential courses in same language)*

MATHEMATICS** — 3 credits

X	MTH 191 **Fulfilled by Major**	X

**(*some majors specify required math course*)

NATURAL SCIENCES — 6-8 credits

x	**Fulfilled by Major**	x
x	**Fulfilled by Major**	x

SOCIAL SCIENCES — 9 credits

3	ECN/ POL (complement course)	
3	HIS/ APG (complement course)	
3	PSY/ SOC (complement course)	

VISUAL & PERFORMING ARTS*** — 3 credits

3	(complement course)	

(art, music, or theatre)

UNIVERSTY REQUIREMENTS

GENERAL STUDIES — 1 credits

1	GST 110 New Student Seminar I	
x	GST 111 Feinstein Enriching America Program	

MAJOR PROGRAM REQUIREMENTS

CR	FIRST YEAR	
4	BIO 111 General Biology I	
4	BIO 112 General Biology II	BIO 111
4	**CHM 113** General Chemistry I	
4	**CHM 114** General Chemistry II	CHM 113
3	MTH 191 or MTH 201	

SECOND YEAR

4	BIO 210 Microbioloby	BIO 112 & 206
4	BIO 220 Cell Bio and Chemistry	BIO 110, 112 or 206
4	BIO 330 Pathogenic Microorganisms	BIO 210
4	**CHM 205** Organic Chemistry I	
4	**CHM 206** Organic Chemistry II	CHM 205
3	STA 201 Statistical Methods	

THIRD YEAR

4	BIO 340 Parasitology	JR & BIO 220
3	BIO 350 Mycology	200 level
3	BIO 420 Immunology	Jr & BIO 206 or 220
4	PHY 201 Physics I	
4	PHY 202 Physics II	PHY 201

FOURTH YEAR

4	BIO 440 Genetics	Jr & BIO 220
3	BIO 460 Virology	BIO 210 or 220
4	BIO 471 Biology Seminar	300 level BIO
4	**BCH 403** Biochemistry	BIO 220 & CHM 206
3	BCH 410 Pharm & Toxicology	BIO 220 & CHM 206

ELECTIVES

3	

121 TOTAL CREDITS (120 minimum for graduation)

When signed by department chair and accompanied by declaration form, this form serves as declaration of major.

Signature of Department Chair Date

Signature of Student Date