

# BS in BIOLOGY - BIOTECHNOLOGY CONCENTRATION ACADEMIC WORKSHEET

2016-18 Catalog

NAME: \_\_\_\_\_

CSUB ID# \_\_\_\_\_

## GENERAL EDUCATION GOALS

(ALL) CSUB1009: _____	(ALL) B1: Met through program	(ALL) D1: _____	(ALL) US HIST: _____	(ALL) GWAR: _____
CSUB1019: _____	B2: Met through program	D2: _____	GOVT: _____	UDB: Met through program
			JYDR: _____	UDC: _____
A1: _____	(ALL)	SELF: _____		UDD: _____
A2: _____	C1: _____			
A3: _____	C2: _____			CAPSTONE: _____
A4: Met through program				

## LOWER DIVISION CORE

BIOL 2010: \_\_\_\_\_ Intro - Cells  
 BIOL 2110: \_\_\_\_\_ Intro - Animals  
 BIOL 2120: \_\_\_\_\_ Intro - Plants

## CONCENTRATION SPECIFIC

BIOL 3410: \_\_\_\_\_ General Microbiology  
 BIOL 4440: \_\_\_\_\_ Molecular Genetics  
 BIOL 4450: \_\_\_\_\_ Bioinformatics

## COGNATES

CHEM 1000: \_\_\_\_\_ ...Chemistry  
 CHEM 1001: \_\_\_\_\_ ...Chemistry Lab  
 CHEM 1100: \_\_\_\_\_ ...Analytical Chem  
 CHEM 2300: \_\_\_\_\_ ...Organic Chem

Foundations of:

## UPPER DIVISION CORE

BIOL 3010: \_\_\_\_\_ General Genetics  
 BIOL 3020: \_\_\_\_\_ General Physiology  
 BIOL 3110: \_\_\_\_\_ General Ecology  
 BIOL 3120: \_\_\_\_\_ Res Design & Analysis  
 BIOL 4100: \_\_\_\_\_ Evolution  
 BIOL 4910: \_\_\_\_\_ Senior Sem

### One additional 4000 level course

#### w/ lab - suggested courses:

BIOL 4350: \_\_\_\_\_ Environmental Microbiology  
 BIOL 4200: \_\_\_\_\_ Medical Microbiology  
 BIOL 4460: \_\_\_\_\_ Evolutionary Genetics  
 Other with approval of  
 Biol 4xxx \_\_\_\_\_ faculty advisor

CHEM 2400: \_\_\_\_\_ ...Biochemistry  
 CHEM 3300: \_\_\_\_\_ Organic Chemistry I  
 CHEM 3301: \_\_\_\_\_ Org Chemistry I/Lab  
 PHYS 2110: \_\_\_\_\_ Algebra-based Phys 1  
 PHYS 2120: \_\_\_\_\_ Algebra-based Phys 2  
 MATH 2010 or  
 2510: \_\_\_\_\_ Calculus 1 for Life Sciences or  
 Calc 1