

## BACHELOR OF SCIENCE IN BIOLOGICAL SCIENCES

**Grading Type:** Major courses completed Winter Quarter 2007 and thereafter must be letter-graded unless course is offered on P/NP basis only.

### Preparatory Requirements:

\_\_\_\_\_ (Preliminary evaluation only)

Courses	Units	Grade	GPB
MAT 17A* or 21A#	<u>4</u>	_____	_____
MAT 17B* or 21B#	<u>4</u>	_____	_____
MAT 17C*	<u>4</u>	_____	_____

\*(Fall 2010 transfer students and continuing students admitted prior to fall 2010 may still use MAT 16ABC to satisfy this requirement.) #(Math 21C recommended.)

CHE 2A	<u>5</u>	_____	_____
CHE 2B	<u>5</u>	_____	_____
CHE 2C	<u>5</u>	_____	_____

CHE 8A	<u>2</u>	_____	_____
CHE 8B	<u>4</u>	_____	_____

**OR**

CHE 118A	<u>4</u>	_____	_____
CHE 118B	<u>4</u>	_____	_____
CHE 118C	<u>4</u>	_____	_____

BIS 2A	<u>5</u>	_____	_____
BIS 2B	<u>5</u>	_____	_____
BIS 2C	<u>5</u>	_____	_____

PHY 7A	<u>4</u>	_____	_____
PHY 7B	<u>4</u>	_____	_____
PHY 7C	<u>4</u>	_____	_____

**Prep Completed** \_\_\_\_\_ **Prep GPB** \_\_\_\_\_

*Deficiencies/Comments:* \_\_\_\_\_

### Depth Subject Matter: 49 units

Courses Units Grade GPB

#### 1. Common Curriculum: 10-13 units:

*Option 1:* Open only to students completing areas of emphasis in EEB, Marine Biology, NPB, PLB, and the following two options in the Microbiology area of emphasis: Biotechnology and Applied Microbiology option or Medical Microbiology option. (10 units)

BIS 101	<u>4</u>	_____	_____
BIS 105	<u>3</u>	_____	_____
BIS 104	<u>3</u>	_____	_____

**OR**

*Option 2:* Open to all students. Students must complete this option if completing the Molecular and Cellular Biology area of emphasis or the following two options in the Microbiology area of emphasis: Microbial Physiology and Molecular Genetics option or Microbial Diversity and Ecology option. (13 units)

BIS 101	<u>4</u>	_____	_____
BIS 102	<u>3</u>	_____	_____
BIS 103	<u>3</u>	_____	_____
BIS 104	<u>3</u>	_____	_____

### Depth Subject Matter Continued:

Courses	Units	Grade	GPB
2. Statistics 100*	<u>4</u>	_____	_____

\*(Fall 2010 transfer students and continuing students admitted prior to fall 2010 may use STA 13 or 13V or 32 or 102 to satisfy this requirement.)

**A course may be used to satisfy only 1 requirement in the entire major.**

#### 3. Field Requirement (ONE course in each field; extra lines for office use only)

**See area of emphasis for specific field course requirements**

a) *Evolution:* ANT 151, 152, 154A; EVE 100; GEL 107; PLB 143

b) *Ecology:* ANT 154BN; BIS 122; ENT 104, 156; ESP 100, 121; EVE 101; MIC 120; WFC 151

c) *Microbiology:* FST 104; MIC 101, 104, 140, 150, 162; PMI 127, 128; SSC 111

d) *Neurobiology, Physiology and Behavior:* ANT 154A; ENT 102, 104; NPB 100, 101, 102, 141

e) *Plant Biology:* ENH 102, 105; EVE 108, 117, 119, 140; PLB 102, 105, 108, 111, 112, 113, 116, 117, 119, 143, 147, 148; PLP 120, 130, 148; PLS 144, 176

#### 4. Area of Emphasis Requirement: Complete 1 of 6 areas of emphasis:

EEB MRB MIC MCB NPB PLB Units \_\_\_\_\_

#### 5. 49 Total Depth Subject Matter (DSM) Units: Other courses

(if needed) to total **49 units**.\* **Total Depth Subject Matter Units** \_\_\_\_\_

\*A limit of 4 units of 199 may be used. Any 192, 197T, or organic chemistry units will not count toward upper division restricted elective units.

#### 6. 2.0 GPA in Major:

Entire Major \_\_\_\_\_  
Depth Subject Matter \_\_\_\_\_

#### 7. Grading Type: Major courses completed Winter Quarter 2007 and thereafter must be letter-graded unless course is only offered on P/NP basis.

**Office use only:** QTR Initials Date Depth GPB

Evaluation of requirements completed through: \_\_\_\_\_

#### Major Reqs Completed r \_\_\_\_\_

(Forms/BIS BS 2014-15. 7/17/2014) initials date