

Name: \_\_\_\_\_

**BASED ON CREDITS**

## **BIOLOGY, B.A. with 4+1 MBA Option**

Minimum of 127 credits and Three 1-credit PE courses for B.A in Biology (includes 3 Graduate Foundational Courses [9 credits]): 36 Credits for MBA beyond the Graduate Foundational Courses

### **GENERAL EDUCATION CORE**

#### **BASIC REQUIREMENTS (6 credits and three 1-credit PE courses)**

Composition and Rhetoric

- EN 103 Composition and Rhetoric I
- EN 104 Composition and Rhetoric II

Physical Education Courses

- PE 100
- PE \_\_\_\_\_
- PE \_\_\_\_\_

#### **MODES OF THINKING (9 Credits)**

Literature (Select one)

- EN 110, EN 112, EN 115

Mathematics (**Satisfied by Major – MA 121**)

Natural Science (**Satisfied by Major**)

Philosophy

- PL 109

Social Sciences (Select one)

- CJ 109, CM 130, EC 209, EC 112, HCM 230, PO 103, PO 109, PS 109, or SO 109

#### **CULTURAL LITERACY (18 Credits)**

Humanities I and II. *Preferably* select a set (e.g., HI 201/202).

However, a combination (e.g., PO 201 + HI 214) is acceptable.

- Hum. I: HI 201, PO 201, HI 213
- Hum. II: HI 202, PO 202, HI 214, HI 262

Humanities III: Great Works of Art & Music

- \_\_\_\_\_

Humanities IV: Great Works of Literature

- \_\_\_\_\_

Foreign Language/World Cultures

(Select either two of the same language, any two WC, or one WC and one approved course with international study)

- \_\_\_\_\_
- \_\_\_\_\_

#### **CHRISTIAN VALUES AND THEOLOGY (9 Credits)**

Catholic Theology

- TH 109

Intermediate Theology (200/300 level TH)

- TH \_\_\_\_\_

Values Seminar

- \_\_\_\_\_

### **MAJOR (Minimum of 64 Credits)**

- BI 151: Introductory Biology I
- BI 152: Introductory Biology II
- BI 221: Biostatistics
- BI 255: Molecular Biology
- BI 330: Genetics
- BI 252: Microbiology **or**  
BI 352: Medical Microbiology
- BI 263: Anatomy and Physiology I **or**  
BI 355: Human Structure and Function I
- BI 264: Anatomy and Physiology II **or**  
BI 356: Human Structure and Function II
- BI 455: Biology Capstone
- CH 101: General Chemistry I
- CH 102: General Chemistry II
- CH 231: Organic Chemistry I
- CH 232: Organic Chemistry II
- MA 111: Probability and Statistics

#### **Three biology electives**

**Ecology and Evolutionary Biology:** 241, 280, 374, 380

- BI \_\_\_\_\_

**Biology Elective:** any BI or NEU course with 3 or more credits; excludes MOT/Natural Science courses, online courses, and Values Seminar courses.

- BI/NEU \_\_\_\_\_

**Biology Elective:** any BI or NEU course with 3 or more credits; excludes MOT/Natural Science courses, online courses, and Values Seminar courses.

- BI/NEU \_\_\_\_\_

**Note: BI-461 and NEU-491 can only fulfill the biology elective once and cannot fulfill the ecology and evolutionary biology elective.**

### **FREE ELECTIVES (Minimum of 12 credits)**

#### **GRADUATE FOUNDATIONAL COURSES\***

**(3 Courses-9 Credits)**

- FD 501
- FD 502
- FD 503

#### **ADDITIONAL COURSES for the 4+1 MBA\*\***

**(12 Courses-36 Credits) – Additional tuition at MBA Rate**

- |           |            |                  |
|-----------|------------|------------------|
| 1. CR 501 | 6. CR 507  | 11. MBA Elective |
| 2. CR 503 | 7. CR 508  | 12. MBA Elective |
| 3. CR 504 | 8. MG 504  |                  |
| 4. CR 505 | 9. PM 501  |                  |
| 5. CR 506 | 10. CR 510 |                  |

***Consultation with an MBA Advisor is required.***

## DE SALES UNIVERSITY

### Example Plan: BIOLOGY MAJOR (B. A.) with 4+1 MBA Option

#### FIRST YEAR

##### FALL SEMESTER (15 Credits and one 1-credit PE Course)

Introductory Biology I (BI 151)  
General Chemistry I (CH 101)  
Composition and Rhetoric I (EN 103)  
Foreign Language/World Culture  
Lifetime Fitness and Wellness (PE 100)

##### SPRING SEMESTER (15 Credits and one 1-credit PE Course)

Introductory Biology II (BI 152)  
General Chemistry II (CH 102)  
Composition and Rhetoric II (EN 104)  
Foreign Language/World Culture  
Physical Education (Activity)

#### SECOND YEAR

##### FALL SEMESTER (17 Credits and one 1-credit PE Course)

Molecular Biology (BI 255)  
Organic Chemistry I (CH 231)  
Probability and Statistics (MA 111)  
Philosophy MOT (PL 109)  
Free Elective  
Physical Education (Activity)

##### SPRING SEMESTER (17 Credits)

Genetics (BI 330)  
Organic Chemistry II (CH 232)  
Social Science MOT  
Catholic Theology (TH 109)  
Free Elective

#### THIRD YEAR

##### FALL SEMESTER (16 or 17 Credits) \*\*\*

Anatomy & Physiology I (BI 263) or  
    Human Structure and Function I (BI 355)  
Biostatistics (BI 221)                      ...or...  
Microbiology (BI 252) or  
    Biology Elective                              ...or...  
Humanities I  
Intermediate Theology (200-300)

##### SPRING SEMESTER (16 or 17 Credits) \*\*\*

Anatomy & Physiology II (BI 264) or  
    Human Structure and Function II (BI 356)  
Biology Capstone (BI 455)  
Medical Microbiology (BI 352) or  
    Biology Elective  
Humanities II  
Free Elective  
**Students should apply for MBA acceptance**

#### FOURTH YEAR

##### FALL SEMESTER (15 or 16 Credits) \*\*\*

Biology Elective  
Literature MOT                              ...or...  
Humanities III  
Management & Marketing Principles FD 502  
Accounting For Decision Makers FD 503

##### SPRING SEMESTER (15 or 16 Credits) \*\*\*

Biology Elective  
Values Seminar  
Humanities IV  
Essentials of Economics FD 501 (Winter)  
Free Elective

#### FIFTH YEAR – MBA

##### Fall

CR 501  
CR 505  
CR 504  
CR 508

##### WINTER

CR 503  
CR 506  
PM 501  
MBA ELECTIVE

##### SPRING

MG 504  
CR 510  
MBA ELECTIVE

##### SUMMER

CR 507

*Students can apply to the MBA Program at the end of their junior year and will receive a letter of intent. Final acceptance into the MBA Program upon successful undergraduate degree conferral.*

*\* Students will take three (3) Business Foundation courses beginning in their senior year to prepare them for the 12-month MBA program.*

*\*\* The MBA curriculum can be completed online in 36 credits through the general MBA track. Additional tuition will be billed at the MBA rate at time of admittance.*

*\*\*\* The total number of semester credits will be influenced by the number of credits of the biology elective. Biology electives may have a laboratory component and therefore will be 4 credits.*

*Students can apply without submitting GMAT scores but must have at least a 3.0 cumulative GPA for all previous coursework.*