## Name:

# **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:** 280, 341, 374, 380

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 \_\_\_\_

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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: <u>BIOLOGY MAJOR (B. A.) with 4+1 MBA Option</u>

#### 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)

#### 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)

#### 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)

#### 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

FIFTH YEAR – MBA Fall WINTER CR 501 CR 503 CR 505 CR 506 CR 504 PM 501 MBA ELECTIVE CR 508

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

SPRING MG 504 CR 510 MBA ELECTIVE

Free 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 12month 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.

S. Finney, Director, Academic Success Center; Effective Fall, 2023

## FIRST YEAR

#### **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)

## **SPRING SEMESTER (17 Credits)**

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

## 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

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