## 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 $\mathbf{1 - c r e d i t ~ P E ~ c o u r s e s ) ~}$Composition and Rhetoric
$\square$ EN 103 Composition and Rhetoric I
$\square$ EN 104 Composition and Rhetoric II
Physical Education Courses
$\qquad$
$\square \mathrm{PE}$
$\square \mathrm{PE}$ $\qquad$

## MODES OF THINKING (9 Credits)

Literature (Select one)
$\square$ EN 110, EN 112, EN 115
Mathematics (Satisfied by Major - MA 121)
Natural Science (Satisfied by Major)
Philosophy
$\square$ PL 109
Social Sciences (Select one)
$\square$ 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.
$\square$ Hum. I: HI 201, PO 201, HI 213
$\square$ 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
$\square$ TH 109
Intermediate Theology (200/300 level TH)
$\square \mathrm{TH}$ $\qquad$
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: MedicalMicrobiology
BI 263: Anatomy and Physiology I or BI 355: Human Structure and Function I
$\square$ 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
BI $\qquad$
Biology Elective: any BI or NEU course with 3 or more credits; excludes MOT/Natural Science courses, online courses, and Values Seminar courses.
$\square$ BI/NEU $\qquad$
Biology Elective: any BI or NEU course with 3 or more credits; excludes MOT/Natural Science courses, online courses, and Values Seminar courses.
$\square \mathrm{BI} / \mathrm{NEU}$ $\qquad$
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)
$\square \quad$ FD 501
$\square \quad$ FD 502
$\square \quad$ 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

# DE SALES UNIVERSITY <br> Example Plan: BIOLOGY MAJOR (B. A.) with 4+1 MBA Option 

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)

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)
FALL SEMESTER (16 or 17 Credits) ***
Anatomy \& Physiology I (BI 263) or
Human Structure and Function I (BI 355)
Biostatistics (BI 221)
Microbiology (BI 252) or
Biology Elective
...or...
Humanities I
Intermediate Theology (200-300)
SECOND YEAR

## THIRD YEAR

...or...

FIRST YEAR

## 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
CR 501
CR 505
CR 504
CR 508

WINTER
CR 503
CR 506
PM 501
MBA ELECTIVE

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

SPRING
MG 504
CR 510
MBA ELECTIVE

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

