

Name: _____

BASED ON CREDITS

BIOLOGY (Pre-PA Track), B.A.

Minimum of 129 credits and Three 1-credit PE courses

Students who plan to attend medical, dental, podiatric, veterinary, or graduate school should complete the B.S. degree in Biology.

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 (6 credits)

Literature (Select one)

- EN 110, EN 112, EN 115

Mathematics (**Satisfied by Major**)

Natural Science (**Satisfied by Major**)

Philosophy

- PL 109

Social Sciences (**Satisfied by Major**)

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 65 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 355: Human Structure and Function I
- 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

Required Biology Pre-PA Track Electives

(at least one in Ecology and Evolutionary Biology)

- BI Ecology and Evolutionary Biology (280, 341, 374, or 380)
- BI 256: Cell Biology
- BI 353: Immunology

PRE-PA TRACK (7 Credits)

- PS 109: Introduction to Psychology
- SX 1013: Terminology in Healthcare
- MD 306: Pharmacology and Toxicology

FREE ELECTIVES (Minimum of 18 credits)

OPTIONAL MINOR

- _____
- _____
- _____
- _____

For the most up-to-date record of progress toward completion of degree requirements, students should use the Academic Evaluation tool, which is listed under the Academic Planning heading in WebAdvisor.

DE SALES UNIVERSITY
Example Plan: BIOLOGY (Pre-PA Track), B. A.

Students who plan to attend medical, dental, podiatric, veterinary, or graduate school should complete the B.S. degree in Biology.

FIRST YEAR

FALL SEMESTER (15 credits and 1-credit PE)

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

SPRING SEMESTER (15 credits and 1-credit PE)

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

SECOND YEAR

FALL SEMESTER (14 credits and 1-credit PE)

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

... or ...

SPRING SEMESTER (17 credits)

Organic Chemistry II (CH 232)
Genetics (BI 330)
Introduction to Psychology (PS 109)
Catholic Theology (TH 109)
Free Elective

THIRD YEAR

FALL SEMESTER (17 credits)

Human Structure and Function I (BI 355)
Free Elective
Free Elective
Humanities I
Intermediate Theology (200-300)

SPRING SEMESTER (17 credits)

Human Structure and Function II (BI 356)
Cell Biology (BI 256)
Free Elective
Humanities II
Pharmacology & Toxicology (MD 306)

FOURTH YEAR

FALL SEMESTER (17 credits)

Ecology and Evolutionary Biology Elective
Immunology (BI 353)
Biostatistics (BI 221)
Humanities III
Microbiology (BI 252) **or** Free Elective
Terminology in Healthcare (SX 1013)

...or...

...or...

SPRING SEMESTER (18 or 19 credits) *

Values Seminar
Literature MOT
Biology Capstone (BI 455)
Humanities IV
Medical Microbiology (BI 352) **or** Free Elective
Free Elective

** 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.*

S. Finney, Director, Academic Success Center
Effective fall, 2023