

Name: _____

BIOLOGY (Pre-PA), B.A.

40 courses of three or more credits and 3 one-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 (2 courses and 3 one-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 (2 courses)

- Literature (Select one)
- EN 110, EN 112, EN 115
- Mathematics (**Satisfied by Major - MA 111**)
- Natural Science (**Satisfied by Major**)
- Philosophy
- PL 109
- Social Sciences (**Satisfied by Major – PS 109**)

CULTURAL LITERACY (6 courses)

- 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
(See Master Schedule of Day Classes)
- _____
- Humanities IV: Great Works of Literature
(See Master Schedule of Day Classes)
- _____
- 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

- (3 courses)
- Catholic Theology
- TH 109
- Intermediate Theology (200/300 level TH)
- TH _____
- Values Seminar
(See Master Schedule of Day Classes)
- _____

MAJOR

(16 required courses)

- BI 151: Introductory Biology I
- BI 152: Introductory Biology II
- 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: Research Seminar
- 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 (*at least one in Ecology and Evolutionary Biology*)

- BI Elective (241, 280, 374, or 380)
- BI 256: Cell Biology (Controlled Elective)
- BI 353: Immunology (Controlled Elective)

Track: Pre-PA

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

MINOR

(6 courses)

- | | |
|--------------------------------|--------------------------------|
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ELECTIVES

(As needed to complete 40-course req.)

- | | |
|--------------------------------|--------------------------------|
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A. Koefer, Director, Academic Resource Center
Effective fall, 2020

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
Typical Program: BIOLOGY MAJOR (Pre-PA), B. A.

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

FALL SEMESTER

SPRING SEMESTER

FIRST YEAR

Introductory Biology I (BI 151)
General Chemistry I (CH 101)
Composition and Rhetoric I (EN 103)
Philosophy MOT (PL 109)
Foreign Language/World Cultures

Introductory Biology II (BI 152)
General Chemistry II (CH 102)
Composition and Rhetoric II (EN 104)
Probability and Statistics (MA 111)
Foreign Language/World Cultures
Lifetime Fitness and Wellness (PE 100)

SECOND YEAR

Organic Chemistry I (CH 231)
Molecular Biology (BI 255)
Humanities I
Introduction to Psychology (PS 109)
Free Elective
Physical Education (Activity)

... or ...

Organic Chemistry II (CH 232)
Genetics (BI 330)
Humanities II
Literature MOT
Catholic Theology (TH 109)
Physical Education (Activity)

THIRD YEAR

Human Structure and Function I (BI 355)
Microbiology (BI 252) or Medical Microbiology (BI 352)
Free Elective
Humanities III
Intermediate Theology (200-300)

... or ...

Human Structure and Function II (BI 356)
Cell Biology (BI 256)
Research Seminar (BI 455)
Humanities IV
Pharmacology & Toxicology (MD 306)

FOURTH YEAR

Immunology (BI 353)
Biology Elective (Ecology or Evolution course)
Free Elective
Free Elective
Free Elective
Terminology in Healthcare (SX 1013)

... or ...

Values Seminar
Free Elective
Free Elective
Free Elective
Free Elective

MOT = Modes of Thought

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