

Name: _____

BIOLOGY, 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 (3 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 (Select one)
 - CJ 109, EC 209, EC 112, PO 103, PO 109, PS 109, or SO 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 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: 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)

Molecular and Cell Biology: 256, 257, 258, 305, 353, 360, 410, 435, 436, 461*

Organismal Biology: 267, 361, 375, 461*, NEU 451

Ecology and Evolutionary Biology: 241, 280, 374, 380, 461*

*BI 461 may only be used to satisfy one category

BI _____

BI _____

BI _____

MINOR

(6 courses)

- _____
- _____
- _____
- _____
- _____
- _____

ELECTIVES

(As needed to complete 40-course req.)

- _____
- _____
- _____
- _____
- _____
- _____

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 (B. A.)

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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
Social Science MOT
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

Anatomy and Physiology I (BI 263) or Human
Structure and Function I (BI 355)
Microbiology (BI 252) or Medical Microbiology (BI 352)
Free Elective
Humanities III
Intermediate Theology (200-300)

... or ...

Anatomy and Physiology II (BI 264) or
Human Structure and Function II (BI 356)
Biology Elective *
Research Seminar (BI 455)
Humanities IV
Free Elective

FOURTH YEAR

Biology Elective *
Biology Elective *
Free Elective
Free Elective
Free Elective

... or ...

Values Seminar
Free Elective
Free Elective
Free Elective
Free Elective

MOT = Modes of Thought

* **Three Biology Electives:** (at least one in Ecology and Evolutionary Biology)

Molecular and Cell Biology: 256, 257, 258, 305, 353, 360, 410, 435, 436, 461**

Organismal Biology: 267, 361, 375, 461**; NEU 451

Ecology and Evolutionary Biology: 241, 280, 374, 380, 461**

Note: ** Biology 461 may only be used to satisfy one category

A. Koefer, Director, Academic Resource Center
Effective spring, 2021