

Name: _____

BASED ON CREDITS

BIOLOGY (Forensic Science Concentration), B.S.

Minimum of 130 credits and Three 1-credit PE 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 (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 Required Electives**)

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 67 credits)

- BI 151: Introductory Biology I
- BI 152: Introductory Biology II
- BI 221: Biostatistics
- BI 255: Molecular Biology
- BI 330: Genetics
- 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 121: Calculus I
- MA 122: Calculus II
- PH 201: Gen. Phys. I: Mechanics and Heat
- PH 202: Gen. Phys. II: Wave Phenomena and Electromagnetism

One Ecology/Evolutionary Biology Elective

BI 241, 280, 374, 380.

- BI _____

FORENSIC SCIENCE CONCENTRATION

(18 credits)

- CH 305: Forensic Toxicology
- CJ 109: Crime and Society
- CJ 208: Crime Lab
- CJ 360: Forensic and Criminal Investigation
- MA 111: Probability & Statistics
- PS 365: Psychological Sleuthing **OR**
PS 295 Forensic Psychology

FREE ELECTIVES (Minimum of 6 credits)

OPTIONAL MINOR

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |
| <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

DE SALES UNIVERSITY

Example Plan: BIOLOGY (FORENSIC SCIENCE CONCENTRATION), (B. S.)

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)

Molecular Biology (BI 255)
Organic Chemistry I (CH 231)
Calculus I (MA 121)
Philosophy MOT (PL 109)
Physical Education (Activity)

SPRING SEMESTER (17 credits)

Genetics (BI 330)
Organic Chemistry II (CH 232)
Calculus II (MA 122)
Catholic Theology (TH 109)
Free Elective

THIRD YEAR

FALL SEMESTER (18 credits)

Human Structure and Function I (BI 355)
General Physics I (PH 201)
Humanities I
Intermediate Theology (200-300)
Crime and Society (CJ 109)

... or ...

SPRING SEMESTER (18 credits)

Human Structure and Function II (BI 356)
General Physics II (PH 202)
Humanities II
Free Elective
Crime Lab (CJ 208)

FOURTH YEAR

FALL SEMESTER (18 or 19 credits) *

Values Seminar
Literature MOT
Probability & Statistics (MA 111)
Ecology or Evolutionary Biology Elective *
Humanities III
Biology Capstone (BI 455)

... or ...

SPRING SEMESTER (15 credits)

Forensic Toxicology (CH 305) **
Forensic Psychology (PS 295) **OR**
Psychological Sleuthing (PS 365)
Forensics and Criminal Investigation (CJ 360)
Humanities IV
Biostatistics (BI 221)

** 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.*

*** Forensic Toxicology (CH 305) is typically offered every other spring. Please adjust your third and fourth year schedule accordingly.*

A. Koefer, Director of Academic Success Center
Effective fall, 2022