

University of the Incarnate Word[®]

Bachelor of Arts in Biology

School of Mathematics, Science and Engineering

PROGRAM OVERVIEW

Both the Bachelor of Arts (B.A.) and the Bachelor of Science (B.S.) in Biology at the School of Mathematics, Science and Engineering are designed to ready students for a variety of professions in education, biomedical research, careers in business, nonprofit agencies and government, and for graduate programs in science, health professions or medical school.

The Bachelor of Arts degree offers students a greater opportunity to tailor their experience. Students have several Biology course options available as they progress toward third and fourth-year study. They may also choose to select a minor in teaching or environmental science to support their career goals.

The B.A. is a 120-hour program that incorporates a broad range of disciplines including evolution, cellular and molecular biology, genetics, topics in animal and human physiology, microbiology and ecology.

Students can expect a rigorous and dynamic program with extensive lab and hands-on learning. Courses like anatomy and physiology, ecology, cell biology and molecular genetics cover a broad scope of study and ensure students a comprehensive education. UIW Honors students also have an opportunity for advanced research.

The Biology department provides supportive coursework for a variety of health professional majors and offers courses that fulfill the core curriculum requirement of laboratory science for students in all majors.

ADMISSION REQUIREMENTS

The requirements for admission to the B.A. in Biology program are the same as the requirements for admission to the University of the Incarnate Word.

CONTACT

UIW Admissions
(210) 829-6005
admission@uiwtx.edu

**YOUR
JOURNEY
OUR
MISSION**

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bit.ly/uiw-biology

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Biology (B.A.)

B.A. in Biology

FRESHMAN YEAR

Fall

ENGL 1311: Composition I (3 hours)
 MATH 1304: College Algebra (3 hours)
 BIOL 1402: Biology for Majors I and Lab (4 hours)
 RELS Core Course (3 hours)
 FYES 1211: First Year Experience Seminar (2 hours)

Total Hours: 15

Spring

ENGL 1312: Composition II (3 hours)
 BIOL 1403: Biology for Majors II and Lab (4 hours)
 CHEM 1301: Chemical Principles I (3 hours)
 CHEM 1101: Chemical Principles I Lab (1 hour)
 PHIL 1381: Intro to Philosophy (3 hours)
 PEHP Activity Course (1 hour)

Total Hours: 16

SOPHOMORE YEAR

Fall

ENGL 2310: World Literature (3 hours)
 CHEM 1302 Chemical Principles II (3 hours)
 CHEM 1102 Chemical Principles II and Lab (1 hours)
 MATH 1311 or 2303 (3 hours)
 BIOL 2321: Anatomy and Physiology I (3 hours)
 BIOL 2121: Anatomy and Physiology I Lab (1 hour)

Total Hours: 14

Spring

BIOL 2322: Anatomy and Physiology II (3 hours)
 BIOL 2122: Anatomy and Physiology II Lab (1 hour)
 Physical Science (4 hours)
 History (3 hours)
 Social Science (3 hours)
 General Elective (3000-4000 if needed) (3 hours)

Total Hours: 17

JUNIOR YEAR

Fall

BIOL 3311: Cell Biology (3 hours)
 BIOL 3442: Ecology (4 hours)
 Physical Science (4 hours)
 Modern Language I (3 hours)

Total Hours: 14

Spring

BIOL 3361 Genetics (3 hours)
 BIOL 3202: Research Methods in Cell/Molecular Genetics (2 hours)
 BIOL Elective (3000-4000 if needed) (3 hours)
 BIOL Elective (3000-4000 if needed) (3 hours)
 Modern Language II (3 hours)

Total Hours: 14

SENIOR YEAR

Fall

Upper Level Religion or Philosophy (3 hours)
 BIOL Elective (3000-4000 if needed) (3 hours)
 Fine Arts Elective (3 hours)
 General Elective (3000-4000 if needed) (3 hours)
 General Elective (3000-4000 if needed) (3 hours)

Total Hours: 15

Spring

BIOL Elective (3000) (3 hours)
 General Elective (3000-4000 if needed) (3 hours)
 General Elective (3000-4000 if needed) (3 hours)
 General Elective (3000-4000 if needed) (3 hours)
 General Elective (3000-4000 if needed) (3 hours)

Total Hours: 15

A minimum of 120 hours are needed to complete the B.A. in Biology.

LEARN MORE

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