Zoo Sciences Biology

**General Studies for B.S. degree:**

Communication Outcome (6-9 credit hours):

2-3 courses, grade of C or better required

ENG 101 and ENG 102 \_\_, \_\_ COM 101 \_\_

OR (required for all students)

ENG 103 \_\_

Analysis Outcome (20-21 credit hours; 11-12 credit hours satisfied within major

requirements):

Students must take courses from each analytical block as directed:

Critical Reading (1 Course) Economics/Finance (1 Course)

ENG 200-400 Literature, any \_\_ ECON 103, 104, OR FIN 131 \_\_

Logic/Critical Assessment (1 Course)

LING 150, PSYC 101 OR PHIL 100-400, any \_\_

Self and Cultural Awareness Outcome (17-18 credit hours):

Students must take courses from each awareness block as directed:

Fine Arts (1 Course) Perceptions & Cultures (5 Courses)

ART 140, 340, 341, 343, 4 Courses from different groups

FA 101, MUS 130, 132, 133, GEO 205, 206 \_\_

THE 100, 300 \_\_ POLS 101, 201 \_\_

SOC 150, SWK 201 \_\_

REL, SPAN, FREN, SPA252 \_\_

HE 250 \_\_

1 Course HIST

HIST 103, 104, 210, 211 \_\_

**Core Courses: (30 hours)**

BIO 124/125ŧ (Prin Bio; F/S) \_\_/\_\_ PHYS 101/110 ŧ (Physics I; F) \_\_/\_\_

BIO 200 (Botany & lab; F/S) \_\_ PHYS 102/111 (Physics II; S) \_\_/\_\_

BIO 202/203 (Zoo/lab; F/S) \_\_/\_\_ MATH 145ŧ (Precal; F/S) \_\_

BIO 221 (Biostats; S) \_\_ CHEM100/101 (Foundations) \_\_/\_\_

ŧCoursesfulfill General Studies Analysis Outcome for Quantitative and Scientific blocks.

**Required Courses (49 hours):**

BIO 180 (Prin. Zoo/Aquar Sci) \_\_ (3h) BIO 426 (Comp An Phys/lab) \_\_ (4h)

BIO 280 (Zoo Education) *\_\_* (3h) BIO 440 (Conserv Bio/lab) \_\_ (4h)

BIO 380 (Zoo Ornithology/lab) \_\_ (4h) BIO 450 (Zoo An Behav/lab) \_\_ (4h) BIO 382 (Zoo Herp/lab) \_\_(4h) BIO 452 (Zoo Anim Med/lab) \_\_ (4h)

BIO 384 (Zoo Mamma/lab) \_\_ (4h) BIO 454 (Internship) \_\_ (6h)

BIO 406 (Field Biology/lab) \_\_ (4h) BIO 480 (Bio Capstone) \_\_ (1h)

BIO elective course \_\_ (4h)

**General Electives:** Any 300-400 level general electives to total 120h (approximately 3-7 credit hours; 120h required for graduation).

Courses are not offered every semester/year; please consult with Biology advisor.

A cumulative GPA of 3.00 is required for all math and science courses, with a grade no lower than “C” in these courses.

**Other Requirements:**

A ten-week summer internship between the sophomore and junior year of study at an AZA-accredited zoo is required.

Students must volunteer in Crayfish, Hellbender, or STEM labs for a minimum of 200 hours per year during the freshman and sophomore years of study as a pre-requisite for experience.

During the junior and senior year of study, students must complete two semesters (springs and/or falls) interning at an AZA-accredited facility; suggested semester schedules: 9-12 credit hours of coursework plus 3 credit hours of internship credit for the Zoo experience.

**Features of Program:**

Courses will be held primarily in the afternoons to encourage greater zoo experiences for students during the morning hours when activity levels are greatest at the zoo.