

Zoo Sciences and Applied Conservation 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:

<u>Critical Reading (1 Course)</u>	<u>Economics/Finance (1 Course)</u>
ENG 200-400 Literature, any	ECON 103, 104, OR FIN 131

<u>Logic/Critical Assessment (1 Course)</u>
LING 150, PSYC 101 OR PHIL 210

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

Students must take courses from each awareness block as directed:

<u>Fine Arts (1 Course)</u>	<u>Perceptions & Cultures (5 Courses)</u>
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, any
	SPAN, FREN, SPA252
	HE 250
	PHIL, any except PHIL210
	1 Course HIST
	HIST 103, 104, 210, 211

Core Courses: (25 hours)

BIO 124/125 [†] (Prin Bio; F/S)	—/ —	BIO 221 (Biostats; S)	—/ —
BIO 200 (Botany & lab; F/S)	—	MATH 145 [†] (Precal)	—
BIO 202/203 (Zoo/lab; F/S)	—/ —	CHEM100/101 [‡] (Foundations)	—/ —
BIO 207 (Funds Eco&Biodiv; S)	—		

[†]Courses fulfill 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)

Approved 11/2015; effective Fall 2016; revised 2/26/2016; updated 12/19/2016; revised 4/11/2017

BIO 384 (Zoo Mamma/lab)	— (4h)	BIO 454 (Internship)	— (6h)
BIO 404/405 (Ecology/lab)	— (4h)	BIO 480 (Bio Capstone)	— (1h)
BIO 406 (Field Biology/lab)	— (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.