Zoo Sciences and Applied Conservation Biology

Composition & Oral Communication Outcome (6-10 credit hours)

General Studies:

2-3 courses, grade of C or bet	ter required		
ENG 101 and ENG 102		COM 101	
OR		(required for all students)	
ENG 103	_		
Analysis Outcome (3 credit hours; 7-1	1 credit hours of	f MATH and BIO/CHEM/PHYS sa	atisfied
within major requirements)			
Students must take one cours	se:		
COM 203 (Arg/Debate)		LING 150 (Intro Ling)	
ECON 103 (Microecon)		PHIL 210 (Logic)	
FIN 131 (Financial Lit)	_	PSYC 101 (Intro to Psych)	
Cultural Literacy Outcome (18 credit h	nours)		
Students must take courses fi	rom each literacy	/ block as directed:	
History (1 Course)		<u>Literature (1 Course)</u>	
HIST 103, 104, 210, 211		ENG 202, 204, 205, 214, 215	_
Arts & Humanities (2 Courses)	Social Sciences (2 Courses)	
1 course from each group		2 courses from different group	ps
GROUP I:		GROUP I:	•
ART 140, 341, 343,		GEO 205, 206	
MUS 130, 132, 133, 134		•	
THE 100, 300		GROUP II:	
,		POLS 101, 201, 202	
GROUP II:			
PHIL 201, 205		GROUP III:	
REL 250, 335		SOC 150, SWK 201	_
Any FREN or SPAN			
SPA 252	_		
Students are admitted to Zoo Sciences and A Students must maintain a cumulative GPA of 50 hours/semester of animal husbandry with	2.5 in science ar	nd math and complete a minim	um of
total of 200 hours by the end of the fourth se details.			
Core Courses: (25-27 hours)			
BIO 124/125 ^t (Prin Bio; F/S)	_/_	BIO 221 (Biostats)	_/_

Approved 11/2015; effective Fall 2016; revised 2/26/2016; updated 12/19/2016; revised 4/11/2017; revised April/2019; revised 1/14/2020; revised 3/9/2021; revised 4/2021; approved 6/2022

ВІ	IO 200 (Botany IO 202/203 (Zoo IO 207 (Funds E	o/lab; F/S)	_/_ _/_	MATH 160 ^t (Stats) CHEM100/101 ^t (Foundations OR CHEM 110/111 ^{\lambda} (Gen Chem 1	
			nalysis Outcome for the Marine &	or Quantitative and Scientific bloc Aquarium Track	ks.
Required Course	es (36 hours):				
BI BI BI BI	IO 180 (Prin. Zo IO 181 (Zoo Sci IO 280 (Zoo Edu IO 380 (Zoo Ori IO 382 (Zoo He IO 384 (Zoo Ma	training) ucation) nithology/lab) rp/lab)	(0h)* (3h)¹ (4h)¹	BIO 404/405 (Ecology/lab) BIO 406 (Field Biology/lab) BIO 440 (Conserv Bio/lab) BIO 450 (Zoo An Behav/lab) BIO 480 (Bio Capstone)	(4h) (4h) (4h) (4h) ¹ (2h)
*all students in th training course w				najor must take a mandatory h nours.	usbandry
Zoo Sciences Tra	ack (14h)				
BIO 426 (Comp A BIO 452 (Zoo Anir BIO 454 (Internsh	m Med/lab) _	_ (4h) _ (4h)¹ _ (6h)¹ – two 3	3-credit internsh	ips	
Applied Conserv	ation Track (1	3h)			
BIO 386 (Applied BIO 428 (Evolutio BIO 471 (Con Pra	nary Bio) _	_ (4h)¹ _ (3h) (6h)¹ – this ¡	oracticum is two	o 3-credit courses	
Marine & Aquari	ium Science Tı	rack (16h)			
BIO 288 Aquariur BIO 371 Marine B BIO 454 (Internsh PHYS 400 Oceano	Biology _ nip) _	_ (4h) ¹ _ (3h) _ (6h) ¹ - two 3- _ (3h)	credit internshi 107 toi	ps cal hours (37 Gen Ed/70 Progra	ım)
¹ These courses (9) will have a Zo	o Sciences an	d Applied Cons	ervation course fee.	
General Elective	s: General elec	tives to total ´	120h (approxim	ately 13-18 credit hours; 120h	required

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

for graduation).

Approved 11/2015; effective Fall 2016; revised 2/26/2016; updated 12/19/2016; revised 4/11/2017; revised April/2019; revised 1/14/2020; revised 3/9/2021; revised 4/2021; approved 6/2022

A cumulative GPA of 2.50 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 with the Zoo Science animal collection and applied conservation labs for a minimum of 50 hours per semester for a total of 200 hours during the freshman and sophomore years of study as a prerequisite for experience.

During the junior and senior years of study, students focusing on animal husbandry 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. Students in the Applied Conservation track must complete two conservation practicums with either applied conservation faculty at WLU or with approved conservation specialists in the field.