

# Zoo Track in the Zoo & Conservation Science Major (BS)

## Department of Biology and Earth Science Otterbein University

### Suggested Program of Study

#### FIRST YEAR/FRESHMAN

Fall Semester		Spring Semester	
BIO 1010 Intro Biology I (skills)	4	BIO 1020 Intro Biology II	4
CHEM 1400/1410 Chemistry I (skills)	4	CHEM 1500/1510 Chemistry II	4
FYS	3	INST 1500	3
MATH 1250 Precalculus <sup>a</sup>	<u>3</u>	ZOSC 1010 Intro to Zoo & Cons	<u>4</u>
	14		15

#### SOPHOMORE YEAR

Fall Semester		Spring Semester	
BIO 2010 Genetics	4	BIO 2020 Ecology	4
BIO 2998 Seminar <sup>e</sup>	1	LFW	1
INST 2XXX	3	INST 2XXX	3
MATH 1700 Calculus I	4	MATH 1240 Stats.	3
ZOSC 2010 Wildlife Rehab & Mgmt Sci <sup>b</sup>	<u>2</u>	ZOSC 2011 Cmty Conservation & Education <sup>b</sup>	<u>2</u>
	14		14

#### JUNIOR YEAR

Fall Semester		Spring Semester	
BIO 3020 (taken any semester Jr. or Sr. year)	3	BIO 3000 elective <sup>c</sup>	3-4
BIO 3998 Seminar <sup>e</sup>	.5	BIO 3998 Seminar <sup>e</sup>	.5
COMM 1100 Public Speaking (recommended)	3	INST 2XXX	3
INST 2XXX	3	ZOSC 3011 Zoo Mgmt & Cons Engmt (rec.) <sup>b</sup>	2
ZOSC 3010 Animal Welfare/Operant Conditioning <sup>b</sup>	2	ZOSC 4900 Internship (optional) <sup>d</sup> or Elective	4-6
Elective	<u>3</u>	Elective	<u>3</u>
	14.5		15.5-18

#### SENIOR YEAR

Fall Semester		Spring Semester	
BIO 3000 elective <sup>c</sup>	3-4	BIO 3000 elective <sup>c</sup>	3-4
BIO 3000 elective <sup>c</sup>	3-4	BIO 3000 elective <sup>c</sup> or	3-4
INST 2XXX	3	ZOSC 4950 Research (optional) <sup>f</sup>	
ZOSC 4950 Research (optional) <sup>f</sup> or Elective	2-4	SYE	2-3
Elective	<u>3</u>	INST 3XXX	<u>3</u>
	14-18 <sup>g</sup>		11-14 <sup>g</sup>

<sup>a</sup> A grade of C- or better in ASC 0900 is required to get into MATH 1240 and 1250, students may take a higher-level math depending on placement.

<sup>b</sup> Course will be taught off campus, one class from ZOSC 2010 or 2011 and one class from ZOSC 3010 or 3011 is required.

<sup>c</sup> Must take 16 credits from this list: BIO 3000-3999 (not counting BIO 3020 twice), EQSC 4000, ZOSC 4950/BIO 4998 WI, ZOSC 3010 or 3011 (not counting twice).

<sup>d</sup> ZOSC 4900 Internship taken at the Columbus Zoo (not required) must be taken in Spring Term of the Junior Year. ZOSC 4900 at other locations may be taken Junior or Senior year

<sup>e</sup> BIO 2998 is required. Two semesters of BIO 3998 are required, but more can be taken.

<sup>f</sup> Two to three research credits (ZOSC 4950, HNRS 4500 or ZOSC 3900 IND STD: Distinction) taken in conjunction with BIO 4998 can count toward upper level elective hours. Those hours will be considered Writing Intensive and can be taken at any time.

<sup>g</sup> A total of 120 hours are required for graduation (an average of 15 per semester).

7/13/23