

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

Department of Biology and Earth Science Otterbein University

Suggested Program of Study

FIRST YEAR

Fall Semester		Spring Semester	
BIO 1010 Intro Biology I (skills)	4	BIO 1020 Intro Biology II (skills)	4
CHEM 1400/1410 Chemistry I (skills)	4	CHEM 1500/1510 Chemistry II	4
ESCI 1002 Intro to Marine Science	3	MATH 1250 Precalculus ^a	3
FYS	<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
ZOSC 2010 Wildlife Rehab/Education Fall ^b	2	ZOSC 2011 Wildlife Rehab/Edu. Spring (rec.) ^b	2
BIO 2998 Seminar ^e	1	LFW 1039 SCUBA Diving (or LFW1XXX)	1
INST 1500	3	INST 2XXX	3
MATH 1700 Calculus 1	<u>4</u>	MATH 1240 Stats.	3
	14	Elective	<u>3</u>
			16

JUNIOR YEAR

Fall Semester		Spring Semester	
BIO 3020 (taken any semester Jr. or Sr. year)	3	BIO 3000 elective ^c	3-4
BIO 3998 Seminar ^e	.5	BIO 3000 elective ^c	3-4
ZOSC 3015 Aqua. Pract. Water Quality ^b	2	ZOSC 3016 Aqua. Pract. Life Support ^b (rec)	2
COMM 1100 Public Speaking (recommended)	3	BIO 3998 Seminar ^e	.5
INST 2XXX	3	INST 2XXX	3
INST 2XXX	<u>3</u>	ZOSC 4900 Internship (opt) ^d or Elective	<u>4-6</u>
	13-17		15-16

SENIOR YEAR

Fall Semester		Spring Semester	
BIO 3000 elective ^c	3-4	BIO 3000 elective ^c	3-4
BIO 3000 elective ^c	2-4	BIO 4998 Senior Seminar (optional) ^f	1
ZOSC 4950 Research (optional) ^f or elective	3-4	ZOSC 4950 Research (optional) ^f or elective	3-4
INST 2XXX	3	INST 3000	3
Elective	<u>3</u>	SYE	<u>3</u>
	15-17 ^g		13-15 ^g

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

^b Course will be taught off campus.

^c Must take 14 elective credits from this list: BIO 3060 (Aquatic Eco), BIO 3300 (Invert Zoo), BIO 3340 (Coral Reef Eco), Marine Travel Course, LFW 1039 (SCUBA Diving), ZOSC 3016, ZOSC 4950/BIO 4998 WI.

^d 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.

^e BIO 2998 is required. Two semesters of BIO 3998 are required, but more can be taken.

^f 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.

^g A total of 120 hours are required for graduation (an average of 15 per semester).

Note: Aquarium Track students may substitute PHYS I w/ lab for CHEM II, MATH 1700 or MATH 1240.