

Aquarium & Zoo Science, B.A. (ZAAS): 2023-2024 Catalog

Course No.	Description	Cr.
First Year	Fall	
<input type="checkbox"/> BIOL 110	Evolution, Ecol. & Plant Biol.	4
<input type="checkbox"/> MATH 111	Finite Math	3
<input type="checkbox"/> PSYC 101	Intro to Psychology	3
<input type="checkbox"/> WRIT 102	Research Writing	3
<input type="checkbox"/> SOC SCI	Social Science Elective	3
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0
<input type="checkbox"/> ZAAS 131	ZAAS First Year Seminar	0
Total Credits		16

Second Year	Fall	
<input type="checkbox"/> BIOL 208	Animal Behavior	4
<input type="checkbox"/> BIOL 203	Ecology	4
<input type="checkbox"/> LIT 104, 201, 202, 204, 207, 270	Literature	3
<input type="checkbox"/> PHIL 205	Discovering Philosophy	3
<input type="checkbox"/> xxx	Course Toward Minor	3
Total Credits		17

Third Year	Fall	
<input type="checkbox"/> ZAAS 306	Animal Nutrition	3
<input type="checkbox"/> ZAAS 307	Animal Care	4
<input type="checkbox"/> STAT 205, MATH 215, or BIOL 315		3
<input type="checkbox"/> PHIL /RLST	300+ Phil/FTAE Elective	3
<input type="checkbox"/> SOC SCI III	Social Science III, if needed	3
<input type="checkbox"/> EXAM 301	Writing Competency	0
Total Credits		16

Summer: ☐ ZAAS 398/399 Biology Internship - 6 credits (240 internship hours; Applied Learning Req)

Fourth Year	Fall	
<input type="checkbox"/> BIOL xxx	Biodiversity Elective II	4
<input type="checkbox"/> LANG xxx	Foreign Lang. (102 or higher)	3
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/> CORE 407	Keystone Seminar (if needed)	3
<input type="checkbox"/>	Free Elective	3
Total Credits		13

128 Total Credits Required

Course No.	Description	Cr.
First Year	Spring	
<input type="checkbox"/> BIOL 111	Molecules, Cells, & Anim. Phys.	4
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/> CHEM 105	Contemporary Chemistry	3
<input type="checkbox"/> FTAE 105	Franciscan Goals for Today	3
<input type="checkbox"/> CORE 113	Gen Ed 1 st Year Seminar	3
<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
<input type="checkbox"/> ZAAS 150	Aquarium Maintenance	1
Total Credits		17

Second Year	Spring	
<input type="checkbox"/> BIOL xxx	Biodiversity Elective I	4
<input type="checkbox"/> BIOL 220	Conservation Biology	3
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/> HIST xxx	History Elective 100-200 level	3
<input type="checkbox"/> ZAAS 231	ZAAS Sophomore Seminar	0
<input type="checkbox"/>	Free Elective	3
Total Credits		16

Third Year	Spring	
<input type="checkbox"/> ZAAS 308	Animal Care Practicum	2
<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/>	Diversity Elective, if needed	3
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/> FNAR xxx	Fine Arts Elective	3
Total Credits		15

Fourth Year	Spring	
<input type="checkbox"/> BIOL 402	Evolution	3
<input type="checkbox"/> ZAAS 419	Conservation & Env. Education	3
<input type="checkbox"/> EXAM 401	Dept. Comp. Exam	0
<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/>	Free Elective	3
Total Credits		12

Updated: 5/2023

***Sequence of courses may be altered with consent of advisor.*

Choose One Minor

Earn one of the following minors:

- * Animal Assisted Healthcare and Education Minor
- * Business Administration Minor
- * Open Education Minor
- * Psychology Minor

(see catalog for specific requirements)

Internship Requirement

6 credit hours of aquarium or zoo internships are required (ZAAS 398 & 399). Each credit requires 40 hours of work at your internship. Consider completing these hours during summer.

Biodiversity Electives

Choose two of these courses:

- * BIOL 204 Invertebrate Zoology (fall)
- * BIOL 218 Marine Biology (fall)
- * BIOL 302 General Microbiology (fall)
- * BIOL 345 Environmental Animal Physiology (spring)
- * BIOL 320 Vertebrate Zoology (spring)
- * BIOL 403 Advanced Botany (fall)

Note: Some BIOL courses are offered only on even or odd years. If a course is not available, select another required BIOL course that is available.

Elective Course Recommendations:

BIOL 302 General Microbiology
 BIOL 322 Field Biology
 HIST 259 U.S. Environmental History
 PHIL 307 Environmental Ethics
 PSYC 303 Learning
 PSYC 420 Canine Learning & Behavior
 SPCH 103 Speech Fundamentals & Public Speaking

Suggestions:

Consider undergraduate research
 Seek jobs and internships that provide experience during summers