

Aquarium & Zoo Science, B.A. (ZAAS): 2020-2021 Catalog

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

Course No.	Description	Cr.	Course No.	Description	Cr.
First Year Fall			First Year Spring		
<input type="checkbox"/> BIOL 110	Evolution, Ecol, & Plant Biol.	4	<input type="checkbox"/> BIOL 111	Molecules, Cells, & Anim. Phys.	4
<input type="checkbox"/> MATH 111	Finite Math	3	<input type="checkbox"/> PSYC xxx	Psychology elective (Soc Sci III)	3
<input type="checkbox"/> PSYC 101	Intro to Psychology	3	<input type="checkbox"/> HIST xxx	History Elective 100-200 level	3
<input type="checkbox"/> WRIT 102	Research Writing	3	<input type="checkbox"/> RLST 105	Franciscan Goals for Today	3
<input type="checkbox"/> SOC SCI	Social Science Elective	3	<input type="checkbox"/> CORE 113	Gen Ed 1 st Year Seminar	3
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0	<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
<input type="checkbox"/> BIOL 131	Biology Freshman Seminar	0			
Total Credits		16	Total Credits		16

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

Internship Requirement

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

Second Year Fall			Second Year Spring		
<input type="checkbox"/> BIOL 208	Animal Behavior	4	<input type="checkbox"/> BIOL 203	Ecology	4
<input type="checkbox"/> BIOL xxx	Organismal Bio Elective I	4	<input type="checkbox"/> BIOL 307	Animal Care	4
<input type="checkbox"/> LIT 104, 201, 202, 204, 207, 270	Literature	3	<input type="checkbox"/> PSYC xxx	Psychology Elective	3
<input type="checkbox"/> PHIL 205	Discovering Philosophy	3	<input type="checkbox"/> CHEM 105	Contemporary Chemistry	3
<input type="checkbox"/> PSYC xxx	Psychology Elective	3	<input type="checkbox"/> BIOL 231	Biology Sophomore Seminar	0
			<input type="checkbox"/>	Free Elective	3
Total Credits		17	Total Credits		17

Organismal Biology Electives

Choose two of these four courses:

- * BIOL 204 Invertebrate Zoology (fall)
- * BIOL 218 Marine Biology (fall)
- * BIOL 320 Vertebrate Zoology (spring)
- * BIOL 403 Advanced Botany (fall)

Third Year Fall			Third Year Spring		
<input type="checkbox"/> BIOL 306	Animal Nutrition	3	<input type="checkbox"/> BIOL 220	Conservation Biology	3
<input type="checkbox"/> PSYC xxx	Psychology Elective	3	<input type="checkbox"/> BIOL 308	Animal Care Practicum	2
<input type="checkbox"/> STAT 205, MATH 215, or BIOL 315		3	<input type="checkbox"/> BIOL 301	Genetics (Diversity req)	4
<input type="checkbox"/> PHIL /RLST	300+ Phil/RLST Elective	3	<input type="checkbox"/> FNAR xxx	Fine Arts Elective	3
<input type="checkbox"/> BIOL 331	Biology Junior Seminar	0	<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/> EXAM 301	Writing Competency	0			
Total Credits		12	Total Credits		15

Psychology Minor Requirement

Requires PSYC 101 and 5 additional PSYC courses
These PSYC courses are particularly recommended:

- * PSYC 302 Sensation & Perception
- * PSYC 303 Learning
- * PSYC 305 Memory and Cognition
- * PSYC 314 Biopsychology

Summer: BIOL 398/399 Biology Internship - 6 credits (240 internship hours)

Course Recommendations:

- * BIOL 150 Aquarium Maintenance recommended
- * BIOL 302 General Microbiology is recommended to understand disease and nutrient cycling
- * BIOL 322 Field Biology recommended for travel and field experience
- * PHIL 307 Environmental Ethics recommended
- * SPCH 103 is recommended for public speaking

Fourth Year Fall			Fourth Year Spring		
<input type="checkbox"/> BIOL xxx	Organismal Bio Elective II	4	<input type="checkbox"/> BIOL 402	Evolution	3
<input type="checkbox"/> LANG xxx	Foreign Lang. (102 or higher)	3	<input type="checkbox"/> BIOL 431	Biology Senior Seminar	1
<input type="checkbox"/> PSYC xxx	Psychology Elective	3	<input type="checkbox"/> EXAM 401	Dept. Comp. Exam	0
<input type="checkbox"/> CORE 407	Keystone Seminar	3	<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/>	Free Elective	3	<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/>			<input type="checkbox"/>	Free Elective	3
Total Credits		12	Total Credits		13

Suggestions:

Consider undergraduate research
 Job Shadow and seek jobs that provide experience during summers

Total req'd credits: 128

Updated: 5/2020