

## Aquarium & Zoo Science, B.A. (ZAAS): 2024-2025 Catalog

Course No.	Description	Cr.
<b>First Year Fall</b>		
<input type="checkbox"/> BIOL 110	Evolution, Ecol, & Plant Biol.	4
<input type="checkbox"/> MATH 111	Finite Math (QR)	3
<input type="checkbox"/> WRIT 102	Research Writing	3
<input type="checkbox"/> HIST xxx	History	3
<input type="checkbox"/> ---- xxx	Social Sciences	3
<input type="checkbox"/> CORE 103	Fall Comm. Enrich. Series	0
<input type="checkbox"/> ZAAS 131	ZAAS First Year Seminar	0
<b>Total Credits</b>		<b>16</b>

Course No.	Description	Cr.
<b>Second Year Fall</b>		
<input type="checkbox"/> BIOL 208	Animal Behavior	4
<input type="checkbox"/> BIOL 203	Ecology	4
<input type="checkbox"/> LIT xxx	Literature	3
<input type="checkbox"/> PHIL 105/...	Philosophy	3
<input type="checkbox"/> xxx	Course Toward Minor	3
<b>Total Credits</b>		<b>17</b>

Course No.	Description	Cr.
<b>Third Year Fall</b>		
<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 #QR		3
<input type="checkbox"/> FTAE/PHIL	Ethics	3
<input type="checkbox"/>	Free Elective	3
<b>Total Credits</b>		<b>16</b>

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

Course No.	Description	Cr.
<b>Fourth Year Fall</b>		
<input type="checkbox"/> BIOL xxx	Biodiversity Elective II	4
<input type="checkbox"/> ---- xxx	Language and Cultures	3
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/>	Free Elective	3
<b>Total Credits</b>		<b>13</b>

Course No.	Description	Cr.
<b>First Year Spring</b>		
<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	Intro to Franciscan Theology	3
<input type="checkbox"/> CORE I	Building a Foundation	3
<input type="checkbox"/> CORE 104	Spring Comm. Enrich. Series	0
<input type="checkbox"/> ZAAS 150	Aquarium Maintenance	1
<b>Total Credits</b>		<b>17</b>

Course No.	Description	Cr.
<b>Second Year Spring</b>		
<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"/> CORE II	Civic Responsibility & Citizenship	3
<input type="checkbox"/> ZAAS 231	ZAAS Sophomore Seminar	0
<input type="checkbox"/>	Free Elective	3
<b>Total Credits</b>		<b>16</b>

Course No.	Description	Cr.
<b>Third Year Spring</b>		
<input type="checkbox"/> ZAAS 308	Animal Care Practicum	2
<input type="checkbox"/> BIOL 301	Genetics	4
<input type="checkbox"/> xxx	Course Toward Minor	3
<input type="checkbox"/> FNAR/ART	Fine Arts and Creative Expression	3
<input type="checkbox"/>	Free Elective	3
<b>Total Credits</b>		<b>15</b>

Course No.	Description	Cr.
<b>Fourth Year Spring</b>		
<input type="checkbox"/> BIOL 402	Evolution	3
<input type="checkbox"/> ZAAS 419	Cons. & Env. Educ. (COREIII)	3
<input type="checkbox"/> EXAM 401	Dept. Comp. Exam	0
<input type="checkbox"/>	Free Elective	3
<input type="checkbox"/>	Free Elective	3
<b>Total Credits</b>		<b>12</b>

*\*\*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