

School of Natural Resources and the Environment

Undergraduate Certificate in Zoo and Aquarium Conservation

This certificate complements your normal coursework by providing a specialized program of study for students wishing to pursue a career in zoological parks and aquariums.





Zoological parks and aquariums play an increasingly important role in conservation, from education to captive breeding.

Exciting course options

Zoo and Aquarium Conservation **Conservation Genetics Applied Animal Nutrition** Physiology of Reproduction Animal Anatomy and Physiology **Animal Toxicology** Nutritional Physiology and Metabolism Diseases of Wildlife Primate Behavior for Captive Management **Applied Captive Primate Behavior** Science Communication Natural History of Our Closest Relatives **Animal Behavior** Wildlife Management Wildlife Conservation Behavior Internship at an AZA accredited zoo or aquarium



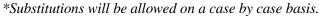
For more information contact Katie Hughes, khughes@email.arizona.edu in The School of Natural Resources and the Environment



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Checklist for the Undergraduate Certificate in Zoo and Aquarium Conservation

Core courses (9 units):
WFSC 385 Zoo and Aquarium Conservation (3) Fall, Summer
WFSC 430 Conservation Genetics (3) Fall, Summer
Internship (100% engagement; 3):
Requirement includes written/oral presentation of experience to instructor, class, or organization/al meeting. Internship at Reid Park Zoo, Arizona-Sonoran Desert Museum, Phoenix Zoo, or any other AZA accredited institution.
One elective courses from the following (at least 3 units):
ACBS 336A - Applied Animal Nutrition (3) Fall
ACBS 315 R and L: Physiology of Reproduction lecture and laboratory (4) Fall
ACBS 400A Animal Anatomy and Physiology (3) Fall
ACBS 400B Animal Anatomy and Physiology (3) Spring
ACBS 405 - Principles of Livestock Health Management (3) Spring
ACBS 410 Animal Toxicology (3) Fall
ACBS 445 Nutritional Physiology and Metabolism (3) Fall
ACBS/WFSC 449 Diseases of Wildlife (3) Fall
ACBS 483 Principles of Applied Primate Behavior for Captive Management (3) Fall
ACBS 484 Applied Captive Primate Behavior in Practice (3) Spring
ALC 422 Communicating Knowledge in Agriculture and the Life Sciences (3) Sp, Su, F, W
ANTH 364 - Natural History of Our Closest Relatives (3) Fall
ECOL 487R Animal Behavior (3) Fall
ECOL 487L Animal Behavior Lab (1) Fall
PSY 412 Animal Learning (3) online
SCI 401 Science Communication (3) Fall
WFSC 444 Wildlife Management (4) Fall, Summer
WFSC 447 Wildlife Conservation Behavior (3) Spring even years, summer
Approved Substitution*
Core:
Elective:





Summer 2021

Certificate in Zoo and Aquarium Conservation







OPEN TO ALL MAJORS!

Complete the coursework in just one summer! *

Summer 5 week 1

WFSC 430 Conservation Genetics (3 units, online)

WFSC 385 Zoo and Aquarium Conservation (3 units, online)

Summer 5 week 2

WFSC 447 Wildlife Conservation Behavior (3 units, online)

Summer 7 week 2

WFSC 444 Wildlife Ecology, Conservation and Management (4 units, online)

*An internship at an AZA accredited institution is required to complete and earn the certificate.

Date