



IS AN AAS IN ZOO KEEPING TECHNOLOGY RIGHT FOR YOU?

- Do you like the idea of working with animals in a zoo or aquarium?
- Are you passionate about conservation and learning more about the natural world?
- Are you looking for training in the management of exotic species?
- Do you like providing the highest level of care for the living world around you?
- Do you want to help save our planet through education and conservation initiatives?

Plus we have internships available in the community!

PROGRAM SPECIFICS

This program is designed to prepare students to be zoo keeping technicians and animal care professionals. Classes include training in science foundations, animal husbandry, career development, horticulture, exhibit design and veterinary zoo keeping.

Upon completion of the Zoo Keeping Technology degree program, students should be able to:

- Determine the science behind animal care, including basic biology and natural history of diverse taxa, based upon their taxonomical organization
- Design a public interpretation program based on research of an assigned animal regarding natural history, biology, captive housing, and conservation
- Evaluate animal welfare through daily observations and husbandry care
- Select and apply proper tool use for assigned task
- Demonstrate oral, non-verbal, and written communication skills

This AAS is 65 credit hours and includes 2 internships at approved facilities. This degree also allows students to work with a variety of animals on campus.

FUTURE CAREER PROSPECTS

With your PPSC Associate of Applied Science (AAS) Degree in Zoo Keeping Technology you can:

- Explore a variety of career options in the animal care field
- Get involved with wildlife conservation
- Experience the rewarding satisfaction that only comes from working with animals you love

Graduates of this program will gain the knowledge and skills for:

- Proper husbandry
- Training
- Enrichment
- Conservation and more.

Students should realize that a degree from PPSC will not guarantee a position with a zoo. Many zoos have requirements other than education for employment. Requirements for a zoo keeping job may include the following:

- Ability to remain on feet for long periods of time.
- Working in a variety of weather conditions, weekends, and holidays.
- Work in small, confined spaces.
- Perform a variety of physical tasks that include climbing, bending, stooping, kneeling, twisting, reaching, and crawling.
- Physical strength, including the ability to frequently move fifty (50) pounds.
- Ability to wear Personal Protective Equipment that may include rubber/latex gloves, steel-toed boots/shoes, face shields, eye goggles, and dust masks.
- No allergy related to plants or animals that would impede work.
- No impairment of sight, smell, hearing, touch balance, and ability of movement that might interfere with ability to work.

Associate of Applied Science (AAS) in Zoo Keeping Technology

Sample Academic Plan for Full Time Student *

*Your personalized schedule will be best determined by meeting with an Academic Advisor

Semester 1 Course & Credit Hours	Semester 2 Course & Credit Hours
MAT 1120 Math for Clinical Calculations (3) or MAT 1140 Career Math (3)	ZOO 1020 Biodiversity and Conservation (3)
ENG 1021 English Composition I CO1 (3) or ENG 1031 Technical Writing I CO1 (3)	ZOO 1030 Animal Behavior (3)
COM 1150 Public Speaking (3) or COM 2140 Natural Resource Interpretation & Communication (3)	ZOO 1040 Into to Animal Training (2)
BIO 1003 Principles of Animal Biology SC2 (3)	ZOO 1320 Veterinary Zookeeping (4)
ENV 1111 Environmental Science with Lab SC1 (4)	ZOO 1410 Invertebrate Zoology (4)
ZOO 1010 Introduction to Captive Animal Management (2)	
18 Credit Hours	16 Credit Hours

Semester 3 Course & Credit Hours	Semester 4 Course & Credit Hours
ZOO 1510 Fish Husbandry & Aquaria Management (4)	ZOO 1080 Zoo Keeping Internship I (5)
ZOO 1610 Herpetology (4)	ZOO 1081 Zoo Keeping Internship II (5)
ZOO 1710 Bird Husbandry (4)	Degree Electives (5)
ZOO 1810 Mammal Husbandry (4)	Please meet with your Faculty Advisor (Alex O'Brien) or Program Advisor for assistance in choosing Degree Electives that meet the requirements of this AAS.
16 Credit Hours	15 Credit Hours

Recommended Electives

For Degree Electives, please select 5 Credit Hours from the courses listed below:

- ZOO 1110 | Advanced Exhibitory Techniques (2)
- ZOO 1210 | Exhibit & Horticulture Design (4)
- ZOO 1811 | Ungulates - The Hoofed Mammals (2)
- ZOO 1812 | Pachyderms: Hippos, Rhinos, & Elephants (2)
- ZOO 1813 | Primates: Prosimians and Monkeys (3)
- ZOO 1814 | Apes (2)
- ZOO 1815 | Wild Cats - Conservation & Management (2)
- ZOO 1816 | Wild Canids (2)
- ZOO 2040 | Animal Training in Action (2)
- ZOO 2080 | Zoo Keeping Internship III (5)
- ZOO 2410 | Aquatic & Terrestrial Invertebrate Husbandry (4)
- ZOO 2610 | Reptile & Amphibian Husbandry (4)
- OUT 1385 | Scuba Diving (1)
- OUT 2002 | Open Water Diver (1)

Questions? Contact Alex O'Brien today! Alex.O'Brien@pikespeak.edu or (719)502-3432