

PROFESSIONAL SCIENCE MASTER'S IN NATURAL SCIENCES – ZOO, AQUARIUM, AND ANIMAL SHELTER MANAGEMENT SPECIALIZATION



The Professional Science Master's (PSM) in Natural Sciences – Zoo, Aquarium, and Animal Shelter Management Specialization is a unique opportunity to blend business skills and applied science with a specific focus on helping animal organizations. Our two-year Professional Science Master's degree program focuses on experiential learning and development of skills in addition to academic learning.

The PSM in Natural Sciences, Zoo, Aquarium, and Animal Shelter Management Specialization is an affiliated Professional Science Master's (PSM) degree. Affiliation is administered by the Commission on Affiliation of PSM Programs (<https://www.professionalsciencemasters.org/>) (formerly named PSM National Office) to ensure a strong and distinctive PSM brand. The PSM is designed for students who are seeking a graduate degree in science or mathematics and understand the need for developing workplace skills valued by top employers.

Students interested in graduate work should refer to the Graduate and Professional Bulletin (<https://catalog.colostate.edu/general-catalog/graduate-bulletin/>).

Learning Objectives

Upon successful completion of this program, students will be able to:

1. Compare and contrast biological aspects of different animals kept in captivity and how this affects their care, diet and behavior evaluation and assessment of welfare.
2. Apply critical thinking in solving animal-related issues, including how ethical dilemmas relate to animal organizations.
3. Analyze and develop their approach to leadership in animal organizations, including managing human capital, communication, conflict resolution and how their personal characteristics affect their leadership style.
4. Innovate and apply techniques in marketing, fundraising, donor cultivation, grant writing, non-profit accounting and finance to benefit animal organizations.