What to do with a degree in

ZOOLOGY

Zoology is the scientific study of animal biology from the perspective of the entire animal organism. Zoologists develop a broad knowledge base to inform their understanding of the animals.

**Key Skills & Knowledge**

**Analytical and critical thinking:** Synthesize complex information; logical reasoning, critical thinking; in-depth knowledge of biological theory; understanding of scientific method of inquiry.

**Perform laboratory procedures:** Operate scientific/ laboratory equipment and instruments, understand laboratory process; administer biological tests; collect and preserve field organisms; observe and make measurements on organisms; dissect preserved or euthanized specimens.

**Communication:** Presenting and communicating technical and scientific data and ideas clearly and articulately to both the scientific and non-scientific communities using current technology; memorize large amounts of information; convey information to small groups and through presentations; write scientific and technical reports.

**Research:** The collection, analysis and interpretation of data using the appropriate laboratory and/or field techniques; organizing vast amounts of data; inspect specimens; demonstrate precision and accuracy in data collection and observation; hypothesize, design and carry out experiments.

**Organization and attention to detail:** Data, time and resource management; independent worker, ability to meet deadlines.

**Teamwork skills:** the ability to oversee, supervise and/or contribute to a project.

**Sample Job Titles**

Some of these roles may require further training, certification or education. Check out the Alberta Government’s occupational profiles for salary info and more detail: [alis.alberta.ca/occinfo](http://alis.alberta.ca/occinfo)

- Animal Behaviourist
- Animal Breeder Technician
- Animal Feeds Advisor
- Animal Nutritionist
- Animal Pathologist
- Artificial Inseminator
- Breed Association Representative
- Breed Journal Reporter
- Dairy Herdsman
- Ecotoxicologist
- Equine Nutritionist
- Extension Youth Specialist
- Farm Manager
- Feed Company Manager
- Habitat Developer
- Herdsman
- Livestock Agent
- Livestock Promoter
- Meat Merchandiser
- Poultry Scientist
- Product Quality Controller
- Research Assistant/Researcher
- Stable Manager
- Teacher/Professor
- Veterinarian/Veterinary Technician
- Wildlife Biologist
- Wildlife Program Co-ordinator
- Zookeeper

**Need help deciding what to do?**

Formal Career Assessments like the Strong Interest Inventory and the Myers Briggs Type Indicator can be helpful tools for your career development. Request an assessment via CareerLink

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This profile is a starting point for your career exploration. It may help you identify options and guide you in conducting further research, reviewing occupations or connecting with people. It is not intended to list every possible career path, or to limit you to what you see here. This is a tool to guide discovery and uncover opportunities that fit you.
**ASSOCIATIONS & PROFESSIONAL DEVELOPMENT**

Associations provide an opportunity for continued professional development. Many also offer networking opportunities and other events for their members.

- Alberta Women’s Science Network (AWSN) and Mentorship Program: [www.awsn.com/](http://www.awsn.com/)
- Alberta Society of Professional Biologists (ASPB): [www.aspb.ab.ca/](http://www.aspb.ab.ca/)
- Association of Science and Engineering Technology Professionals of Alberta (ASET): [www.aset.ab.ca/](http://www.aset.ab.ca/)
- BioTalent Canada: [biotalent.ca](http://biotalent.ca)
- BIOTECanada: [biotech.ca](http://biotech.ca)
- Canadian Association of Science Centres: [canadiansciencecentres.ca](http://canadiansciencecentres.ca)
- Canadian Bioethics: [bioethics.ca](http://bioethics.ca)
- Canadian Council on Animal Care: [ccac.ca](http://ccac.ca)
- Canadian Medical Association: [cma.ca](http://cma.ca)
- Canadian Parks and Wilderness Society: [cpaws.org/](http://cpaws.org/)
- Canadian Wildlife Service: [ec.gc.ca/nature/](http://ec.gc.ca/nature/)
- Entomological Society of Canada: [esc-sec.ca/](http://esc-sec.ca/)
- Emerging Health Leaders (EHL): [emerginghealthleaders.ca/calgary](http://emerginghealthleaders.ca/calgary)
- Natural Sciences and Engineering Research Council of Canada: [nserc-crsng.gc.ca](http://nserc-crsng.gc.ca)

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**FACEBOOK**

- ucalgarycareers
- HireUCalgary

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**Job Boards**

- Indeed: [https://ca.indeed.com/](https://ca.indeed.com/)
- Science Careers: [http://www.sciencemag.org/careers](http://www.sciencemag.org/careers)
- Science Jobs: [https://www.sciencejobs.org/](https://www.sciencejobs.org/)
- LinkedIn: [www.linkedin.com](http://www.linkedin.com)

**CareerLink**: [careerlink.ucalgary.ca](http://careerlink.ucalgary.ca)

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**Additional Resources**

Careers for Animal Lovers
Careers for Nature Lovers and Other Outdoor Types
Great Jobs for Biology Majors
Careers for Environmental Types & Others Who Respect the Earth

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**Faculty Contact**

Biological Sciences 186
T: 403.220.5261
E: biorecep@ucalgary.ca
W: bio.ucalgary.ca
W: ucalgary.ca/admissions/programs

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**Student Clubs**

Ecosystem and Public Health Club
people.ucalgary.ca/~eph/

**Aligned Majors:**

Anthropology, Biology, Ecology