Experiential Learning (EL) at the University of Guelph means learning through action. Whether inside or outside of the classroom, EL activities provide you with the opportunity to apply your course material to real-world, meaningful contexts. Through EL, you can take control of your learning by acquiring new knowledge and concrete experiences that prepare you for the future.

Note: Consult the course section of the current academic calendar for detailed course descriptions, prerequisites, and restrictions. Courses listed may not always be offered and are subject to change. Consult with offering departments for current availability.

**Applied Research**

An applied research course allows you to conduct research under faculty guidance in an academic, industry, or community setting.

- ANSC*4350 – Experiments in Animal Biology
- ANSC*4610 - Critical Analysis in Animal Science
- ANSC*4700 - Research in Animal Biology I
- ANSC*4710 - Research in Animal Biology II
- BIOM*4510 - Research in Biomedical Sciences
- BIOM*4521/2 - Research in Biomedical Sciences
- IBIO*3100 - Interpreting Biodiversity I
- IBIO*4100 - Interpreting Biodiversity II
- IBIO*4500 - Research in Integrative Biology I
- IBIO*4510 - Research in Integrative Biology II
- IBIO*4521/2 - Thesis in Integrative Biology
- IBIO*4600 - Integrative Marine and Freshwater Research

**Community Engaged Learning**

A community engaged learning course connects your learning and skill development to theoretical concepts through activities that achieve mutually beneficial outcomes with a community organization.

- BIOL*3660 - Internship in Biological Science
- BIOL*4020 - Integrative Problems in Biological Science
Course-Integrated

A course has integrated experiential learning when it intentionally includes activities such as structured projects, laboratory work, design, simulations, performances, case studies, or entrepreneurship.

- ANSC*3120 - Introduction to Animal Nutrition
- ANSC*4010 - Animal Welfare Judging and Evaluation
- ANSC*4230 - Challenges and Opportunities in Dairy Cattle Production
- BIOL*3650 - Applications in Biology
- BIOL*4350 - Limnology of Natural and Polluted Waters
- EQN*2060 - Equine Event Management I
- EQN*2070 - Equine Event Management II
- EQN*3500 - Equine Integrated Project
- ZOO*3610 - Lab Studies in Animal Physiology I
- ZOO*3630 - Lab Studies in Animal Physiology II
- ZOO*4920 - Lab Studies in Ornithology
- ZOO*4940 - Lab Studies in Herpetology
- ZOO*4950 - Lab Studies in Mammalogy

Field Courses

Field courses prepare you for professional work through first-hand investigation and analysis in a field location, led by faculty, for part of or the full duration of a semester.

- ZOO*4300 - Marine Biology and Oceanography