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.

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.

- CIS*3050 - Systems Programming
- CIS*3750 - System Analysis and Design in App
- CIS*3760 - Software Engineering
- CIS*4020 - Data Science
- ENGG*2180 - Intro Manufacturing Processes
- ENGG*3100 - Engineering & Design III
- ENGG*3180 - Air Quality
- ENGG*3280 - Machine Design
- ENGG*4110 - Biological Engineering Design IV
- ENGG*4120 - Engineering Systems and Computing Design IV
- ENGG*4130 - Environmental Engineering Design IV
- ENGG*4150 - Water Resources Engineering Design IV
- ENGG*4160 - Mechanical Engineering Design IV
- ENGG*4170 - Computer Engineering Design IV
- ENGG*4180 - Biomedical Engineering Design IV
- ENGG*4370 - Urban Water Systems Design
- ENGG*4390 - Bio-instrumentation Design
- ENGG*4460 - Robotic Systems
Co-operative Education Programs

Programs with a co-op option integrate academics with three to five full-time paid workplace learning semesters relevant to the field of study.

- Environmental Geomatics
- Nanoscience
- Biological Engineering
- Biomedical Engineering
- Computer Engineering
- Computer Science
- Engineering Systems & Computing
- Environmental Engineering
- Mechanical Engineering
- Software Engineering
- Water Resources Engineering