Experiential learning at the University of Guelph means learning through action and reflection. Whether inside or outside the classroom, experiential learning activities provide you with the chance to gain knowledge and skills that will prepare you for your future.

Each course listed in this guide is structured with diverse experiences that will challenge you to learn through action. The **high intensity courses** listed include opportunities to work in a real or simulated workplace, and to complete a self-assessment to help you reflect on what you have learned, the skills you have developed, and your readiness for the world of work.

*Note: Consult the 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.*

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**Applied Research**

An applied research course allows you to conduct research under faculty guidance in an academic, industry, or community setting. This experience will allow you to engage in systematic investigation and research in your field while being evaluated by faculty supervisors or staff.

**Agriculture:**
- AGR*3010 - Special Studies in Agricultural Science I
- AGR*4010 - Special Studies in Agricultural Science II
- AGR*4450 - Research Project I
- AGR*4460 - Research Project II

**Animal Science:**
- 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

**Biomedical Science:**
- BIOM*4510 - Research in Biomedical Sciences
- BIOM*4521/2 - Research in Biomedical Sciences

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**More information and support**

For information about experiential learning at U of G, please visit: [www.uoguelph.ca/experientiallearning](http://www.uoguelph.ca/experientiallearning).

Or email: experience@uoguelph.ca
Chemistry:

- CHEM*4900 - Chemistry and Biochemistry Research Project
- CHEM*4910 - Chemistry Research Project II

Environmental Science:

- ENVS*4410 - Advanced Independent Research I
- ENVS*4420 - Advanced Independent Research II
- ENVS*4430 - Advanced Independent Research

European Studies:

- EURO*4740 - Research Project

Food, Agriculture and Resource Economics:

- FARE*4550 - Independent Studies I
- FARE*4560 - Independent Studies II

Food Science:

- FOOD*4220 - Topics in Food Science
- FOOD*4230 - Research in Food Science

Family Relations and Human Development:

- FRHD*3500 - Research Internship
- FRHD*4810 - Thesis I
- FRHD*4910 - Thesis II

French:

- FREN*4740 - Research Paper in French Studies I
- FREN*4770 - Research Paper in French Studies II

Geography:

- GEOG*4990 - Independent Study in Geography

German:

- GERM*4940 - Research Paper in German Studies
History:

- **HIST*4070 - Experiential Learning: Research** (New in 2019/20)

Human Kinetics:

- HK*4230 - Advanced Study in Human Health and Nutritional Sciences
- HK*4360 - Research in Human Health and Nutritional Sciences
- HK*4371/2 - Research in Human Health and Nutritional Sciences II
- HK*4510 - Teaching, Learning & Knowledge Transfer
- HK*4511/2 - Teaching, Learning & Knowledge Transfer II

Integrative Biology:

- 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

International Development:

- **IDEV*3300 - Engaging in Development Practice**

Italian:

- ITAL*4900 - Research Project in Italian Studies

Mathematics:

- **MATH*4600 - Adv Research Project in Math**

Molecular and Cellular Biology:

- MCB*4500 - Research Project in Molecular & Cellular Biology I
- MCB*4510 - Research Project in Molecular & Cellular Biology
- MCB*4600 - Topics in Molecular and Cellular Biology
Music:
- MUSC*3630 - Music Post 1900
- MUSC*3860 - Topics in Digital Music
- MUSC*4200 - Independent Project in Music
- MUSC*4450 - Honours Seminar in Music

Neuroscience:
- NEUR*4401/2 - Research in Neurosciences
- NEUR*4450 - Research in Neurosciences

Nutrition:
- NUTR*4810 - Applied Human Nutrition Thesis I
- NUTR*4910 - Applied Human Nutrition Thesis II

Political Science:
- POLS*4300 - Human Rights, Ethics & Development

Psychology:
- PSYC*3240 - Independent Research
- PSYC*4240 - Adv Independent Research
- PSYC*4870 - Honours Thesis I
- PSYC*4880 - Honours Thesis II

Spanish:
- SPAN*4840 - Research Paper in Hispanic Studies

Statistics:
- STAT*4600 - Adv Research Project in Stats

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