

EXPERIENTIAL LEARNING GUIDE

Course-Integrated



Experiential learning at the University of Guelph means learning through action. 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.

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

Agriculture:

- AGR*2350 - Animal Production Systems, Health and Industry
- AGR*4600 - Agriculture and Food Issues Problem Solving

Animal Science:

- ANSC*3120 - Introduction to Animal Nutrition
- ANSC*4010 - Animal Welfare Judging and Evaluation
- ANSC*4230 - Challenges and Opportunities in Dairy Cattle Production

Biochemistry:

- BIOC*3570 - Analytical Biochemistry

Biological Science:

- BIOL*3650 - Applications in Biology
- BIOL*4350 - Limnology of Natural and Polluted Waters

Integrative Biology:

- BIOL*3010 - Laboratory and Field Work in Ecology
- BIOL*3040 - Methods in Evolutionary Biology
- BIOL*4110 - Ecological Methods
- BIOL*4500 - Natural Resource Policy Analysis

Last updated on June 26, 2019

More information and support

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Botany

- BOT*3050 - Plant Functional Ecology
- BOT*3710 - Plant Diversity and Evolution

Business:

- BUS*4550 - Applied Business Project I
- BUS*4560 - Applied Business Project II

Chemistry:

- CHEM*1040 - General Chemistry I
- CHEM*1050 - General Chemistry II
- CHEM*2400 - Analytical Chemistry I
- CHEM*2480 - Analytical Chemistry II
- CHEM*2700 - Organic Chemistry I
- CHEM*2820 - Thermodynamics and Kinetics
- CHEM*3430 - Analytical Chemistry
- CHEM*3440 - Analytical Chemistry
- CHEM*3640 - Chemistry of the Elements I
- CHEM*3650 - Chemistry of the Elements II
- CHEM*3750 - Organic Chemistry II
- CHEM*3760 - Organic Chemistry III
- CHEM*3870 - Molecular Spectroscopy

Computer Science:

- CIS*3050 - Systems Programming (New in 2019/20)
- CIS*3750 - System Analysis and Design in App
- CIS*3760 - Software Engineering
- CIS*4020 - Data Science (New in 2019/20)

Economics:

- ECON*3360 - The Strategy of M & A
- ECON*3660 - Economics of Equity Markets
- ECON*3740 - Introduction to Econometrics
- ECON*4800 - Theory of Strategic Management
- ECON*4840 - Applied Econometrics II

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Engineering:

- 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

Environmental Management:

- ENVM*3500 - Environmental Management Integrated Project

Equine:

- EQN*2060 - Equine Event Management I
- EQN*2070 - Equine Event Management II
- EQN*3500 - Equine Integrated Project

European Studies:

- EURO*4050 - Contemporary Europe: New Landscapes in the Post-Cold War Era

French:

- FREN*3110 - Storytelling in the Francophone World

Family Relations and Applied Nutrition:

- FRHD*3180 - Observation & Assessment Laboratory
- FRHD*4190 - Assessment in Gerontology

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Geography:

- GEOG*2260 - Applied Human Geography
- GEOG*4150 - Catchment Processes
- GEOG*4480 - Applied Geomatics

History:

- HIST*3450 - The Uses of History
- HIST*4450 - Life, Death and Migrations

Human Kinetics:

- HK*3401/2 - Human Anatomy: Dissection
- HK*3600 - Applied Human Kinetics I
- HK*4070 - Clinical Biomechanics
- HK*4240 - Occupational Biomechanics and Ergonomics
- HK*4441/2 - Advanced Study in Human Anatomy
- HK*4600 - Applied Human Kinetics II

Hospitality and Tourism Management:

- HTM*2700 - Understanding Foods
- HTM*3030 - Beverage Management
- HTM*3060 - Lodging Management
- HTM*4050 - Wine and Oenology
- HTM*4110 - Advanced Restaurant Operations
- HTM*4190 - Industry Consultation
- HTM*4500 - Special Study

Interdisciplinary:

- UNIV*1200 - Feeding 9 Billion
- UNIV*1200 - ICON - Food, Sustainability, Disability and Hands-on Learning
- UNIV*4210 - IDEAS Congress

Landscape Architecture:

- LARC*4710 - Integrative Design Studio
- LARC*4730 - Special Study in Landscape Architecture
- LARC*4740 - Case Studies

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Mathematics:

- MATH*4440 - Case Studies in Mathematics and Statistics (New in 2019/20)

Molecular Biology and Genetics:

- MBG*3350 - Laboratory Methods in Molecular Biology I

Molecular and Cellular Biology:

- MCB*4600 - Topics in MCB

Management:

- MGMT*4020 - Food Product Development I
- MGMT*4030 - Food Product Development II
- MGMT*4050 - Business Consulting
- MGMT*4060 - Business Consulting

Microbiology:

- MICR*3430 - Advanced Methods in Microbiology

Neuroscience:

- NEUR*3500 - Techniques in Neuroscience
- NEUR*4000 - Current Issues in Neuroscience

Nutrition:

- NUTR*3090 - Clinical Nutrition I
- NUTR*3390 - Applied Nutritional and Nutraceutical Sciences I
- NUTR*4120 - Applied Clinical Skills

Political Science:

- POLS*3320 - Politics of Aid & Development
- POLS*4730 - International Relations of Middle East

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Real Estate:

- REAL*3890 - Property Management
- REAL*4830 - Real Estate Development Project
- REAL*4870 - Sustainable Real Estate

Theatre Studies:

- THST*2050 - Devising
- THST*4280 - Ensemble Project

Zoology:

- 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

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