CURRENT ENVIRONMENTAL SCIENCE COURSE LIST
2014/2015 Academic year

Environmental Life Science Courses
Anthropology
2264F/G  Issues in Primate Conservation
2265F/G  Primate Behavior
3334F/G  Primate and Human Paleontology

Biology Courses
2217B   Plants as a Human Resource
2290F/G  Scientific Method in Biology
2404A   Changing Plant Communities of Ontario
2471A/B  Vertebrate Biology
2485A/B  Environmental Biology
2486A   the former Evolution
3220Z   Field Studies in Biology
3222F/G  Selected Topics in Restoration Ecology
3404F/G  Evolution of Plants
3435F/G  Animal Ecology
3436F/G  Animal Behaviour
3440A/B  Ecology of Populations
3442F/G  Conservation Biology
3445F   Community Ecology
3446B   Wildlife Ecology and Management
3475A/B  Chemical Ecology
3484A/B  Patterns in Life's Diversity (the former 2484A/B)
3603A   Ecophysiology of Plants
4223F/G  Marine Environments
4230A/B  Ecosystem Health
4243G   Political Biology
4257Z   Field Studies in Biology
4258Z   Field Studies in Biology
4259F/G  Field Studies in Biology
4405F/G  Ecosystem Ecology
4436F/G  Behavioural Ecology
4441F   the former Special Topics in Evolution
4608G  Environmental Plant Physiology
Or the former 2484A or 3241F

Earth Sciences Courses
2265A/B  Paleobiology and Paleoecology
3369A/B  Geomicrobiology

Geography Courses
2131A/B  The Natural Environment
2320A/B  Introductory Biogeography
3321A/B  Advanced Biogeography

Microbiology and Immunology Courses (no longer offered)
The former 2100A  Biology of Prokaryotes

Pathology Courses
3240A  Understanding Disease
3245B  Diseases of Organ Systems

Pharmacology and Toxicology Courses (no longer offered)
The former 3560A/B  Introductory Toxicology

Environmental Physical Science Courses
Chemical and Biochemical Engineering Courses
4409A/B  Wastewater Treatment or the former 3363A/B

Chemistry
2213A/B  Organic Chemistry of Life Sciences
2272F  Introductory Analytical Chemistry
3372F/G  Instrumental Analytical Chemistry

Civil and Environmental Engineering Courses
3328A/B  Appropriate Technologies for International Development
3362A/B  Drinking Water Quality and Treatment
4405A/B  Air Pollution
4465A/B  Environmental Design for Waste Disposal
4477A/B  Environmental Applications of Nanotechnology
Earth Sciences Courses
2200A/B Plate Tectonic Theory, Environments and Products
2220A/B Environmental and Exploration Geophysics I
2222A/B Data Analysis and Signal Processing in the Sciences
2230A/B Introduction to Geochemistry
2240F/G Catastrophic Events in Earth History
3320A/B Environmental and Exploration Geophysics II
3321A/B Physics of the Earth I
3340A/B Watershed Hydrology
3341A/B Waters and Geochemical Cycles
4431A/B Isotope Geochemistry in Earth and Environmental Science
4440A/B Fundamentals of Ground Water Flow and Contaminant Transport

Geography Courses
2122A/B Spatial Techniques
2210A/B Introduction to Spatial Analysis
2220A/B Geographic Information Science I
2230A/B Remote Sensing
2240A/B Introductory Cartography
2310A/B Weather and Climate
2330A/B Geomorphology and Hydrology
3221A/B Advanced Seminar in GIS
3222A/B GIS II
3223A/B Decision-Making with GIS
3231A/B Advanced Topics in Remote Sensing
3260A/B Environmental Modelling
3311A/B Micrometeorology
3312A/B Human Impacts on Weather and Climate
3331A/B Glacial Geomorphology
3333A/B Drainage Basin Geomorphology
3334A/B Geomorphology of River Channels
3341A/B Hydrology
3342A/B Groundwater Hydrology
3350A/B Environmental Change
3351A/B Dendrochronology
Paleolimnology and Global Environmental Change

Medical Biophysics Courses
3336F/G Human & Animal Interactions with the Physical Environment

Physics Courses
2070A/B Understanding Earth's Atmosphere (not available for credit to students registered in the Faculty of Science if the course was taken after Sept. 1, 2011)
Or the former 2700A/B Introduction to Planetary Atmospheres

Environmental Philosophy, Policy and Political Science Courses

Anthropology
2203F/G Indigenous Peoples, Globalization, and the Environment
3336F/G Topics in Human Evolution
3369F/G Advanced Special Topics in Environment Culture

Economics
2172A/B Natural Resource and Environmental Economics
3374A/B Natural Resource and Environmental Economics

Economics (Huron)
2170A/B Environmental Economics

First Nations Studies
2111E Perspectives on Native-Newcomer Relations, c. 1500 to Present
2132F/G Cultures of Native North America
2203F/G Indigenous Peoples, Globalization, and the Environment
2218F/G Contemporary First Nations Issues in Canada
2601F/G Indigenous Environments
3140F/G Indigenous Knowledge and Traditions
3722F/G First Nations Political and Legal Issues

Geography Courses
Geography All courses in the 2010-2090 series, the 2144-2162 series, and the 2410-2460 series
2010A/B  Geography of Canada
2011A/B  Ontario and the Great Lakes
2012A/B  Geography of Arctic Canada
2020A/B  Latin America and the Caribbean: Landscapes of Inequality
2030A/B  Africa South of the Sahara
2040A/B  Geography of East and Southeast Asia
2041F/G  Geography of China
2045A/B  Russia and the Former Soviet Union: The Legacy
2050A/B  Western Europe
2060A/B  World Cities
2071F/G  World Rivers
2090A/B  Space Exploration
2144F/G  Geography of Tourism
2151A/B  Global Change: Issues and Impacts
2152A/B  Geography of Hazards
2153A/B  Environment, Economy and Society
2162A/B  Introduction to Urban and Regional Planning
2410A/B  Social Geography
2411A/B  Indigenous Environments
2420A/B  Economic Geography
2430A/B  Health Geography
2450F/G  Introduction to Resource and Environmental Management
2460F/G  Urban Development
3250A/B  Geographic Research: Methods and Issues
3432A/B  Environmental Hazards and Human Health
3441F/G  Conservation and Development
3451A/B  Impact Assessment and Sustainable Resource Management
3453F/G  Water and Resources Management
3459A/B  Selected Topics in Resource Management
4430A/B  Community-based Research on Environment and Health
the former 3452A/B  Implementing Sustainability

History Courses
3217E  Environmental History of Canada
The former 3225F/G Nature in Canadian History
3407F/G  Themes in European Environmental History: From Antiquity to the
Nineteenth Century, the former History 3317F/G
4705E  Topics in North American Environmental History

**History Courses (Brescia College)**
2123  Topics in Canadian Environmental History (additional antirequisite, History 3225F/G)
2211E  Topics in Canadian Environmental History

**Philosophy Courses**
2033A/B  Introduction to Environmental Philosophy

**Political Science Courses**
2137  The Politics of the Environment
2235E  The Politics of the Environment

**Political Science (Huron)**
3379E  Global Environmental Politics

**Sociology Courses**
The former 2103F/G  Population and Development in Africa
The former 2104F/G  Population and Development in Asia
The former 2107A/B  Population and Environment: Theory, Practice and Debate
2151A/B  The Evolution of Cities