U-M Field-based Course Options

Center for Global and Intercultural Study (CGIS)
College of Literature Science and the Arts, University of Michigan
Suite 200, Weiser Hall, 500 Church St., Ann Arbor, MI 48109

Graham Scholars Contact:
Cristina Zamarron, Intercultural Programs Advisor
cezamarr@umich.edu • 734-764-4311

Environmental Portfolio *please see eligibility and details on MCompass*

**EcoQuest (New Zealand)**

- Semester or Summer (field camp)
- Heavy field work
- Participate in longitudinal research with NGOs, NZ gov't, other
- Courses: (descriptions available here: [https://ecoquest.unh.edu/academics](https://ecoquest.unh.edu/academics))
  - Ecology and Biogeography of New Zealand (5 credits)
  - Restoration Ecology and Ecosystem Management in New Zealand (4 credits)
  - Environmental Policy, Planning and Sustainability in New Zealand (3 credits)
  - Applied Directed Research in New Zealand (4 credits)

**Summer**

- Ecology and Biogeography of New Zealand (5 credits)
- Environmental Policy, Planning and Sustainability in New Zealand (3 credits)

**School for Field Studies - Tanzania**

- Semester or Summer (sessions)
- Wildlife Management Studies
- Field work, interviews
- Connect socioeconomic with science, conservation, sustainability, ecology
- Courses:
  - [Wildlife Ecology](#) (4 credits)
  - [Environmental Policy and Socioeconomic Values](#) (4 credits)
- Swahili Language and East African Tribal Communities - no language experience required (4 credits)
- Directed Research (4 credits)

Summer

- Session I - Wildlife Management and Conservation (4 credits) and/or
- Session II - Techniques for Wildlife Field Research (4 credits)

**School for Field Studies - Turks and Caicos**

- Semester or Summer (sessions)
- Field work, interview
- Connect socioeconomic with science, conservation, sustainability, ecology
- Courses
  - Tropical Marine Ecology (4 credits)
  - Environmental Policy and Socioeconomic Values (4 credits)
  - Principles of Resource Management (4 credits)
  - Directed Research (4 credits)

Summer

- Session I - Tropical Marine Ecosystems: Monitoring and Management and/or
- Session II - Applied Marine Research Techniques

**FEWS (Costa Rica) [*May or may not be offered in 2019*]**

- UM Faculty Led by Professor Steven Wright, COE, Civil Engineering
- 1 course “The Food, Energy, and Water Systems Nexus”, 3 weeks, Maize Away
- Learn from EARTH U practices + on-site UM lectures + guest lectures
- Field learning

**Frontiers Abroad (New Zealand)**

- Semester or Summer (field camp)
  - Semester = field camp + full semester at local U (continue research project)
  - Summer = field camp alone (+ research project)
- Geology and Earth Systems tracks
- Heavy field work
- 2 program city locations (semester)
- Directed research projects
  - Flexibility in projects, student-interest-centered curriculum building

**Development and Globalization (Thailand)**
• Social advocacy and Environmental components
• Research project – can be natural science or social science based (student preference)
  o Field work, interviews
  o More toward impact of globalization on local people and environment
• Thai course required
• Courses:
  o The Human Perspective on Development and the Environment
  o Directed Research Field Study
  o One of: Social Research Methods or Grassroots Journalism
  o Required Thai language course (beginner to advanced)

**ICADS (Costa Rica) Environment and Sustainable Development**

• Semester only
• Field work, various ecological settings/features (lots of travel)
  o One week in Nicaragua
• Spanish requirement
• Courses
  o Spanish (3 credits)
  o Ecology of Managed and Natural Ecosystems (3 credits)
  o Latin American Perspectives on Justice and Sustainable Development (3 credits)
  o Independent Fieldwork Research (6 credits)

**Other Possible Programs**

**DIS**

Environmental Science of the Arctic Program

Courses: Glaciers and Human Impact: Icelandic Climate Change Case Study, Ice Cores and Ice Ages: Greenlandic Climate Change Case Study, Polar Biology

—or—

Sustainability Program

Core Courses: Sustainable Development in Northern Europe

**STEM Summer Research**

Various locations and research focus opportunities

CGIS: STEM Summer Research Program in Brisbane, Australia

Wide range of research field options

CGIS: STEM Summer Research Program in Dublin, Ireland

Wide range of research field options
CGIS: STEM Summer Research Program in Glasgow, Scotland

Wide range of research field options, including psychology

CGIS: STEM Summer Research Program in Granada, Spain

Specialize in research related to atmospheric study, math, and computer science

CGIS: STEM Summer Research Program in London, United Kingdom

Specialize in biology, medicine, veterinary, pre-med tracks, and related