



## U-M Field-based Course Options

Center for Global and Intercultural Study (CGIS)  
College of Literature Science and the Arts, University of Michigan  
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**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>)
  - 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)
  - Field work, interviews
  - More toward impact of globalization on local people and environment
- Thai course required
- Courses:
  - [The Human Perspective on Development and the Environment](#)
  - [Directed Research Field Study](#)
  - One of: [Social Research Methods](#) or [Grassroots Journalism](#)
  - 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)
  - One week in Nicaragua
- Spanish requirement
- Courses
  - Spanish (3 credits)
  - Ecology of Managed and Natural Ecosystems (3 credits)
  - Latin American Perspectives on Justice and Sustainable Development (3 credits)
  - 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