## Program in the Environment Winter 2017 Course Offerings

### Introductory Interdisciplinary Courses:

**Environment Majors and Minors:**
- ENVIRON 139.001 Environments, Health and Well-being (3)
- ENVIRON 139.002 Taming Nature: Domestication and Conservation (3)
- ENVIRON 111 Global Change: The Sustainability Challenge (4)(BS)+++ #ENVIRON 201 Ecological Issues (4) (BS)

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**Analytics Courses:**
- STATS 250 Introduction to Statistics and Data Analysis (4) (BS)
- SOC 210 Elementary Statistics (4) (BS)
- BIOLOGY 202 Mathematics of Life (4) (BS)

### Environmental Social Science Courses

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- STATS 250 Introduction to Statistics and Data Analysis (4) (BS)
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**Culture and Environment**
- ENVIRON 304/RCHUMS 338 Grow Up Near the Great Lakes (3) ULWR
- ENVIRON 305 Green Building Design (5)+++ *
- ENVIRON 305 Food Literacy for All (2)
- ENVIRON 320 Environmental Journalism (3) ULWR
- ENVIRON 350 The Built Environment (3)ULWR
- ENVIRON 370/UP 423 Intro to Urban and Environmental Planning (3)
- ENVIRON 376 Environmental Ethics (3) ULWR
- ENVIRON 465 GIS & the Human Experience (3)
- ENVIRON 462.003/AAS 432 Violent Environments: Oil, Dvptm, and Power (3)
- ENVIRON 458.004 When China Comes to Town: Environ & Politics of Dvlpmt (3)
- ANTHRARC 296.001 Local Food Producers (3)
- ANTHRARC 440 Environmental Anthropology (3)
- ANTHRARC 458.004 When China Comes to Town: Environ & Politics of Dvlpmt (3)
- AAS 458.007 Business and Politics in Developing Countries (3)
- ENGLISH 328 Nature and Culture (3)
- LACS 321/INSTLSTD 385 Indigen Comms vs Globalization in S. Amererica (3)
- ECON 461 The Economics of Development I (4)
- ECON 461 The Economics of Development I (4)
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**Courses with * can be used as a Sustainability minor requirement.**
**Courses with ^ can be used as a Sustainability minor requirement.**
**Courses with ❖ Energy minor requirement.**
**Courses with # Water minor requirement.**
**Courses with +++ Extended Spring or Summer term UMBS experience.**
**Courses with ▶ Required Spring Break experience.**
## Program in the Environment Winter 2017 Course Offerings

### Natural and Earth Systems Science:

- **#ENVIRON 303** Tropical Conservation and Ecology (3)(BS)
- **#ENVIRON 310** Toxicology: Environmental Chemicals and Disease (3)(BS)
- **#ENVIRON 311/EEB 320** Rivers, Lakes and Wetlands (3)(BS)
- **#ENVIRON 409/EEB 487** Ecology of Fishes (3-4)(BS)
- **ENVIRON 463** Wildlife Ecology (3)(BS)
- **#ENVIRON 463 GIS for Conservation and Management (3)(BS)
- **ANTHRBIO 201 Intro to Biological Anthropology (4)(BS)
- **ANTHRBIO/ENVIRON/EEB 362** Primate Evolutionary Ecology (4)(BS)
- **^ANTHRBIO 364** Nutrition and Evolution (4)(BS)
- **#AOSS/NRE 480** Climate Change: The Move to Action (3)(BS)
- **BIOLOGY 256** Environmental Physiology of Animals (4)(BS)
- **BIOLOGY 288** Animal Diversity (4)(BS)
- **#CEE 265** Sustainable Engineering Principles (3)(BS)
- **^CEE 586/NRE 557** Industrial Ecology (3)(BS)
- **EARTH 205** How the Earth Works (2)(BS)
- **#EARTH 222/ENVIRON 232** Oceanography (3)(BS)
- **#EARTH 277** Water in the 21st Century (3)(BS)
- **#EARTH 296 Follow Water: Natural History of the Everglades (3)(BS)
- **EARTH 331 Climate and Climate Change (4)(BS)
- **^EARTH 333 The Inexhaustible Seas? Marine Rsnc & Env Issues (4)(BS) ULWR
- **EARTH 408/ENV 403** Introduction to GIS in the Earth Sciences (3)(BS)
- **#EARTH 417** Geology of the Great Lakes (2)(BS)
- **EARTH/ENVIRON 431** Terrestrial Biomes (3)(BS) ULWR
- **EEB/ENVIRON 459 Systematic Botany (4)(BS)
- **#EEB/ENVIRON 476** Ecosystem Ecology (3)(BS)
- **^ENSCEN/NERS 211.001** Intro to Nuclear Engin (4)(BS)
- **^MOVESCI 241 Exercise, Nutrition and Weight Control (3) BS
- **^#PHYSICS 210** Energy for our Future (3)(BS)
- **^PUBHLTH 310 Nutrition in the Lifecycle (3)
- **^RCNSCI 301** Alternative Futures in the Michigan Food System (3)(BS)
- **#WRITING 410.001 Understanding Water Issues (3) ULWR

### Upper-Level Writing Courses

- **ENVIRON 304.003/RCHUMS 338** Grow Up Near the Great Lakes (3)
- **ENVIRON 320** Environmental Journalism (3)
- **ENVIRON 350** The Built Environment (3)
- **ENVIRON/PHIL 376** Environmental Ethics (3)
- **EARTH 333 The Inexhaustible Seas? Marine Rsnc & Env Issues (4)(BS)
- **EARTH/ENVIRON 431** Terrestrial Biomes (3)(BS)
- **WRITING 410.001 Understanding Water Issues (3)

### Senior Capstone Courses:

**Environment MAJORS and Sustainability MINORS ONLY:**

- **ENVIRON 310** Toxicology: Environmental Chemicals and Disease (3)(BS)
- **ENVIRON 320** Environmental Journalism (3) ULWR
- **#ENVIRON 350** The Built Environment (3) ULWR
- **ENVIRON 370/UP 423** Intro to Urban and Environmental Planning (3)
- **ENVIRON/PHIL 376** Environmental Ethics (3) ULWR
- **ENVIRON/EDCURINS 382** Env Edu for Sustainable Dlpmt (4)
- **ENVIRON/RCIDIV 391** Sustainability and the Campus (4)
- **ENVIRON 407 Sustainable Cities (3)(BS)
- **ENVIRON 463 GIS for Conservation and Management (3)(BS)
- **ENVIRON 465 GIS & the Human Experience (3)
- **WRITING 410.001 Understanding Water Issues (3) ULWR

*Asterisked Capstones will also meet Sustainability minor Capstone req.*

### Food Minor Courses:

- **BIOLOGY 102** Practical Botany (4)(BS)(food minor usage only)
- **EARTH 154** Ocean Resources (3)(BS)(food minor usage only)