

**Environmental and Sustainability Studies Major & Minor (2022-2023)**  
**APPROVED SUBSTITUTIONS**

- **ART 391 - Civic Studio:**
  - MAJOR:
    - Technical Skills
    - Triple Bottom Line, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **ART 395 - Space Studio:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Culture and the Built Environment, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **CMB 140 - Living Foods, Ferment Them Yourself:**
  - MAJOR:
    - Sustainable Food Systems, Social and Cultural Perspectives
    - Sustainable Food Systems, Physical and Life Science Perspectives
  
- **ENS 301 - Methods for Interdisciplinary Environmental/Sustainability Studies:**
  - MAJOR: Students who have already fulfilled their Core Course methods requirement with INT 301 may take ENS 301 to satisfy the B.S. degree's additional methods/research course (which is usually met by AHS 301, GPY 307, HST 290, PLS 300, or PSY 300)
  - MINOR: Upper-level elective
  
- **ENS/PHI 302 - Environmental Justice:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Culture and the Built Environment, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **ENS 310 - How the Living Earth Works:**
  - MAJOR:
    - Triple Bottom Line, Physical and Life Science Perspectives
    - Any focus area, Physical and Life Science Perspectives
  - MINOR: Physical and Life Science Perspectives or upper-level elective
  
- **ENS/SOC 222/380 - Human Forces Environmental Impacts/Social Inquiry and West MI Water:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Water Resources, Social and Cultural Perspectives
    - Culture and the Built Environment, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective

- **ENS 380 - [Beaver Island Field School: Place Matters](#):**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Any focus area, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **ENS/GPY/PNH/SOC 380 - [Cultural Geographies & Sustainable Landscape Planning in the Netherlands](#):**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Any focus area, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **ENS/INT 380 - [Indigenous Environmental Justice](#):**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Any focus area, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **ENS 392 - Sustainable Agriculture:**
  - MAJOR:
    - Water Resources, Physical and Life Science Perspectives
    - Culture and the Built Environment, Physical and Life Science Perspectives
  
- **GSI 365 - Global Climate Justice:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Energy, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **HNR 151 - Food for Thought:**
  - MAJOR:
    - Sustainable Food Systems, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives
  
- **HNR 151 - Water for a Changing World:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Triple Bottom Line, Physical and Life Science Perspectives
    - Water Resources, any perspectives category
  - MINOR: Social and Cultural Perspectives *or* Physical and Life Science Perspectives
  
- **HNR 250 - Wicked Community Engagement:**
  - MAJOR:
    - Triple Bottom Line, Political and Economic Perspectives
    - Any focus area, Political and Economic Perspectives, with evidence of project relevance
  - MINOR: Political and Economic Perspectives

- **HNR 251 - Biodiversity Matters:**
  - MAJOR:
    - Triple Bottom Line, Physical and Life Science Perspectives
  - MINOR: Physical and Life Science Perspectives
  
- **HNR 251 - Megafloods, Meteors, and Mishaps:**
  - MAJOR:
    - Triple Bottom Line, Physical and Life Science Perspectives
  - MINOR: Physical and Life Science Perspectives
  
- **HNR 251 - Our Evolving World:**
  - MAJOR:
    - Triple Bottom Line, Physical and Life Science Perspectives
  - MINOR: Physical and Life Science Perspectives
  
- **HNR 350 - Haiti Rediscovered:**
  - MAJOR:
    - Triple Bottom Line, Political and Economic Perspectives
  - MINOR: Political and Economic Perspectives or upper-level elective
  
- **HNR 350 - Leadership and Problem Solving:**
  - MAJOR:
    - Triple Bottom Line, Political and Economic Perspectives
    - Culture and the Built Environment, Political and Economic Perspectives
  - MINOR: Political and Economic Perspectives or upper-level elective
  
- **HNR 350 - Social Media and Belief:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Any focus area, Social and Cultural Perspectives, with evidence of project relevance
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **HNR 350 - Sociology of Consumption:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Culture and the Built Environment, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **INT 301 - Interdisciplinary Research Methods:**
  - MAJOR: Students who fulfill their Core Course methods requirement with ENS 301 may take INT 301 to satisfy the B.S. degree's additional methods/research course (which is usually met by AHS 301, GPY 307, HST 290, PLS 300, or PSY 300)

- **INT 380 - Anishinaabek Lifeways:**
  - MAJOR:
    - Triple Bottom Line, Social and Cultural Perspectives
    - Any focus area, Social and Cultural Perspectives
  - MINOR: Social and Cultural Perspectives or upper-level elective
  
- **NRM 497 – Field Trip- Trends in Western Natural Resources Management:**
  - MAJOR:
    - Triple Bottom Line, Physical and Life Science Perspectives
    - Any focus area, Physical and Life Science Perspectives
  - MINOR: Physical and Life Science Perspectives or upper-level elective
  
- **PHO 175 - Understanding Still Photography:**
  - MAJOR:
    - Technical Skills