

Environmental and Sustainability Studies Major & Minor (2023-2024)

APPROVED SUBSTITUTIONS

In addition to courses included on this approved list of substitutions for the ENS major/minor (qvsu.edu/ens/sublist), other courses may be accepted as substitutions with approval from the ENS Program Director on a case by case basis.

- **ART 391 - Civic Studio:**
 - MAJOR:
 - Technical Skills
 - Triple Bottom Line, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives or upper-level elective

- **ART 395 - Space Studio:**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Culture and the Built Environment, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives or upper-level elective

- **CMB 140 - Living Foods, Ferment Them Yourself:**
 - MAJOR:
 - Sustainable Food Systems, Social/Cultural Perspectives
 - Sustainable Food Systems, Physical/Life Science Perspectives

- **ENS/SOC 222 - [Social Inquiry and West MI Water](#):**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Water Resources, Social/Cultural Perspectives
 - Culture and the Built Environment, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives

- **ENS 238/280 - [History of Michigan Waterways](#):**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Water Resources, any perspectives category
 - MINOR: Social/Cultural Perspectives

- **ENS 242/280 - [Climate Science in Culture](#):**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Energy, Social/Cultural Perspectives
 - MINOR: Social/Cultural 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, Political/Economic Perspectives
 - Culture and the Built Environment, Political/Economic Perspectives
 - MINOR: Political/Economic Perspectives or upper-level elective

- **ENS 305 - Sustainability Assessment and Reporting:**
 - MAJOR:
 - Technical Skills
 - Culture and the Built Environment, Political/Economic Perspectives
 - MINOR: Upper-level elective

- **ENS 310 - [How the Living Earth Works](#):**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - Any focus area, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives or upper-level elective

- **ENS 380 - [Beaver Island Field School: Place Matters](#):**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Any focus area, Social/Cultural Perspectives
 - MINOR: Social/Cultural or upper-level elective

- **ENS/GPY 381 - Cultural Geographies/Sustainable Landscape Planning in the Netherlands (Study Abroad):**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Any focus area, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives or upper-level elective

- **ENS 392 - Sustainable Agriculture:**
 - MAJOR:
 - Water Resources, Physical/Life Science Perspectives
 - Culture and the Built Environment, Physical/Life Science Perspectives

- **GEO 380/399 - [Water in the West](#):**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - Water Resources, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives or upper-level elective

- **GSI 365 - Global Climate Justice:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - Energy, Political/Economic Perspectives
 - MINOR: Political/Economic Perspectives or upper-level elective

- **HNR 151 - Earth Matters:**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives

- **HNR 151 - Food for Thought:**
 - MAJOR:
 - Sustainable Food Systems, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives

- **HNR 151 - Water in a Changing World:**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural or Physical/Life Science Perspectives
 - Water Resources, any perspectives category
 - MINOR: Social/Cultural Perspectives *or* Physical/Life Science Perspectives

- **HNR 250 - Wicked Community Engagement:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - Any focus area, Political/Economic Perspectives, with evidence of project relevance
 - MINOR: Political/Economic Perspectives

- **HNR 251 - Biodiversity Matters:**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives

- **HNR 251 - Healing Power of Plants:**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - Sustainable Food Systems, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives

- **HNR 251 - Megafloods, Meteors, and Mishaps:**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives

- **HNR 251 - Our Evolving Word:**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives

- **HNR 350 - Food, Culture, and Conscience:**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Sustainable Food Systems, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives

- **HNR 350 - Haiti Rediscovered:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - MINOR: Political/Economic Perspectives or upper-level elective

- **HNR 350 - Leadership and Problem Solving:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - Culture and the Built Environment, Political/Economic Perspectives
 - MINOR: Political/Economic Perspectives or upper-level elective

- **HNR 350 - Leading Others/Othering World:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - MINOR: Political/Economic Perspectives or upper-level elective

- **HNR 350 - Social Media and Belief:**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Any focus area, Social/Cultural Perspectives, with evidence of project relevance
 - MINOR: Social/Cultural Perspectives or upper-level elective

- **HNR 350 - Sociology of Consumption:**
 - MAJOR:
 - Triple Bottom Line, Social/Cultural Perspectives
 - Culture and the Built Environment, Social/Cultural Perspectives
 - MINOR: Social/Cultural Perspectives or upper-level elective

- **HNR 351 - Why Did I Buy That:**
 - MAJOR:
 - Triple Bottom Line, Political/Economic Perspectives
 - Culture and the Built Environment, Political/Economic Perspectives
 - MINOR: Political/Economic 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 342 - Food Matters:**
 - MAJOR:
 - Sustainable Food Systems focus area, Political/Economic Perspectives

- **NRM 497 - Trends in Western Natural Resources Management (Field Trip):**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - Any focus area, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives or upper-level elective

- **PHO 170 - Introduction to Photography:**
 - MAJOR:
 - Technical Skills

- **PHO 175 - Understanding Still Photography:**
 - MAJOR:
 - Technical Skills

- **PHY 215 - Energy in Modern Life**
 - MAJOR:
 - Triple Bottom Line, Physical/Life Science Perspectives
 - Energy, Physical/Life Science Perspectives
 - MINOR: Physical/Life Science Perspectives