

Environmental and Sustainability Studies Major, B.A., B.S. (2023-2024)

APPROVED SUBSTITUTIONS

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

CORE COURSES (9 credits)

No GVSU substitutions, although equivalent study abroad courses may be accepted for ENS 300: Principles of Sustainability or ENS 301 Methods in Interdisciplinary Environmental/Sustainability Studies on a case by case basis

TECHNICAL SKILLS COURSES (3-4 credits)

- ART 391: Civic Studio
- PHI 170: Intro to Photography
- PHO 175: Understanding Still Photography

TRIPLE BOTTOM LINE OVERVIEW COURSES (9 credits)

Social and Cultural Perspectives

- ART 391: Civic Studio
- ART 395: Space Studio
- ENS/SOC 222: Social Inquiry/W. MI Water
- ENS 238/280: History of MI Waterways
- ENS 242/280: Climate Science in Culture
- ENS/PHI 302: Environmental Justice
- ENS 380: Beaver Island Field School
- ENS/GPY 381: Netherlands Geog/Landscape
- HNR 151: Water in a Changing World
- HNR 350: Food, Culture, & Conscience
- HNR 350: Social Media and Belief
- HNR 350: Sociology of Consumption

Physical and Life Science Perspectives

- GEO 380/399: Water in the West
- HNR 151: Earth Matters
- HNR 151: Water in a Changing World
- HNR 251: Biodiversity Matters
- HNR 251: Healing Power of Plants
- HNR 251: Megafloods, Meteors, Mishaps
- HNR 251: Our Evolving World
- NRM 497: Trends in Western Natural Resources Management
- PHY 215: Energy in Modern Life

Political and Economic Perspectives

- ENS/PHI 302: Environmental Justice
- ENS 380: Beaver Island Field School
- GSI 365: Global Climate Justice
- HNR 250: Wicked Community Engagement
- HNR 350: Haiti Rediscovered
- HNR 350: Leadership and Problem Solving
- HNR 350: Leading Others/Othering World
- HNR 351: Why Did I Buy That

SYNTHESIS AND APPLICATION (5 credits)

No GVSU substitutions, although an internship/course abroad may be accepted for ENS 490: Internship or ENS 491: Practicum on a case by case basis

FOCUS AREAS (9-10 credits)

SUSTAINABLE FOOD SYSTEMS

Social/Cultural

- CMB 140: Living Foods-Ferment Them Yourself
- ENS 380: Beaver Island Field Sch.
- ENS/GPY 381: Netherlands Geography & Sustain. Planning
- HNR 151: Food for Thought
- HNR 350: Food, Culture, Consc.
- HNR 350: Social Media and Belief *(with approval)*
- HNR 350: Sociology of Consumption

Physical/Life Science

- CMB 140: Living Foods-Ferment Them Yourself
- ENS 310: How Living Earth Works
- HNR 251: Healing Power/Plants
- NRM 497: Trends in Western Natural Resources Management

Political/Economic

- ENS 380: Beaver Island Field Sch.
- HNR 250: Wicked Community Engagement *(with approval)*
- INT 342: Food Matters

ENERGY

Social/Cultural

- ENS 242/280: Climate Science in Culture
- ENS 380: Beaver Island Field Sch.
- ENS/GPY 381: Netherlands Geography & Sustain. Planning
- HNR 350: Social Media and Belief *(with approval)*

Physical/Life Science

- ENS 310: How the Living Earth Works
- NRM 497: Trends in Western Natural Resources Management
- PHY 215: Energy in Modern Life

Political/Economic

- ENS 380: Beaver Island Field Sch.
- GSI 365: Global Climate Justice
- HNR 250: Wicked Community Engagement *(with approval)*

WATER RESOURCES

Social/Cultural

- ENS/SOC 222: Social Inquiry & West MI Water
- ENS 238/280: History of MI Waterways
- ENS 380: Beaver Island Field Sch.
- ENS/GPY 381: Netherlands Geography & Sustain. Planning
- HNR 151: Water Changing World
- HNR 350: Social Media and Belief *(w/approval)*

Physical/Life Science

- ENS 310: How Living Earth Works
- ENS 392: Sustainable Agriculture
- GEO 380/399: Water in the West
- HNR 151: Water Changing World
- NRM 497: Trends in Western Natural Resources Management

Political/Economic

- ENS 380: Beaver Island Field Sch.
- HNR 151: Water Changing World
- HNR 250: Wicked Community Engagement *(with approval)*

CULTURE/BUILT ENVIRONMENT

Social/Cultural

- ART 395: Space Studio
- ENS/PHI 302: Environ. Justice
- ENS/SOC 222: Social Inquiry/Water
- ENS 380: Beaver Island Field Sch.
- ENS/GPY 381: Netherlands Geography & Sustain. Planning
- HNR 350: Social Media and Belief *(with approval)*
- HNR 350: Soc. of Consumption

Physical/Life Science

- ENS 310: How Living Earth Works
- ENS 392: Sustainable Agriculture
- NRM 497: Trends in Western NRM

Political/Economic

- ENS/PHI 302: Environ. Justice
- ENS 305: Sust. Assess./Report
- ENS 380: Beaver Island Field Sch.
- HNR 250: Wicked Community Engagement *(with approval)*
- HNR 350: Leadership and Problem Solving
- HNR 351: Why Did I Buy That

DEGREE REQUIREMENTS

Bachelor of Arts (B.A.)

No GVSU substitutions, although equivalent study abroad courses may be accepted on a case by case basis

Bachelor of Science (B.S.)

ENS 301: Methods for Interdisciplinary ENS-

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)

INT 301: Interdisciplinary Research Methods-

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)