

Brooks College of Interdisciplinary Studies  
**Environmental and Sustainability Studies Minor (2025-2026)**

A total of 21 credits are required to complete the minor in Environmental and Sustainability Studies (ENS).

Contact the ENS Program at [ens@gvsu.edu](mailto:ens@gvsu.edu) or (616) 331-8016.

[How to Declare a Major/Minor](#) \* [General Education Requirements](#) \* [ENS Student Resources](#)

Name: \_\_\_\_\_

G#: \_\_\_\_\_

Advisor: \_\_\_\_\_

Anticipated Grad: \_\_\_\_\_

Last Updated: \_\_\_\_\_

**CORE COURSES** (6 credits)

\_\_\_\_\_ ENS 201: Introduction to Environmental and Sustainability Studies, 3cr (*SFS*)

\_\_\_\_\_ ENS 401: Environmental Problem Solving, 3cr (*req. Jr., ENS 201*)

**ELECTIVE COURSES** (9 credits)

Choose one course from each of the three following categories.

**I. Social and Cultural Perspectives**

\_\_\_\_\_ ANT 340: Culture & Environment, 3cr (*req. Jr., FW & HA or US*)

\_\_\_\_\_ ART 423: Animals in Art, 3cr (*req. Jr.*)

\_\_\_\_\_ BIO 338: Environmental Ethics, 3cr (*req. Jr., FW*)

\_\_\_\_\_ ENG 382: Literature & Environment, 3cr (*req. Jr., FW*)

\_\_\_\_\_ ENS/NRM/SOC 222: Social Inquiry and West Michigan Water, 3cr

\_\_\_\_\_ ENS 238: Exploring Michigan's Waterways Through Time, 3cr

\_\_\_\_\_ ENS 242: Climate Change in Popular Culture, 3cr

\_\_\_\_\_ ENS 300: Principles of Sustainability, 3cr (*req. ENS 201*)

\_\_\_\_\_ ENS 311: To Bee or Not to Bee: Honeybees and Social Impact, 3cr

\_\_\_\_\_ ENS 381: Study Abroad in ENS, 3cr to 9cr (*permit required*)

\_\_\_\_\_ GPY 362: Farmers, Crops, and Our Challenging Ag. World, 3cr (*req. Jr.*)

\_\_\_\_\_ GPY 363: World Forests and Their Use, 3cr (*req. Jr.*)

\_\_\_\_\_ GPY 410: Landscape Analysis and Green Infrastructure, 3cr (*req. Jr.*)

\_\_\_\_\_ HST 320: American Indians, 3cr

\_\_\_\_\_ HST 323: Michigan History, 3cr

\_\_\_\_\_ HST 327: History of United States Urban Society, 3cr

\_\_\_\_\_ IDS 350: Building Bridges Through Conversation, 3cr (*req. Jr.*)

\_\_\_\_\_ INT 330: The Idea of Nature, 3cr (*req. Jr.*)

\_\_\_\_\_ INT 370: Anishinaabeg Lifeways: Past, Present, and Future, 3cr

\_\_\_\_\_ PNH 360: Voluntarism and the Nonprofit Sector, 3cr

\_\_\_\_\_ PSY 362: Environmental Psychology, 3cr

\_\_\_\_\_ SOC 288: Sociology of Food, 3cr

\_\_\_\_\_ SW 150: Intro to Social Work & Social Welfare, 3cr

\_\_\_\_\_ WGS 335: Women, Health and the Environment (*req. Jr.*)

**II. Physical and Life Science Perspectives**

\_\_\_\_\_ BIO 105: Environmental Science, 3cr

\_\_\_\_\_ BIO 107: Great Lakes and Other Water Resources, 4cr

\_\_\_\_\_ BIO 215: Ecology, 4 cr (*req. BIO 121*)

\_\_\_\_\_ BIO 319: Global Agricultural Sustainability, 3cr (*req. Jr., LS*)

\_\_\_\_\_ EGR 306: Urban Sustainability, 3cr (*req. Jr., MTH 108 & 109 (or 110)*)

\_\_\_\_\_ EGR 360: Thermodynamics, 4cr (*req. PHY 231 or PHY 234; MTH 302; and admitted to electrical, interdisciplinary, mechanical, or product design and manufacturing engineering major*)

\_\_\_\_\_ ENS 310: How the Living Earth Works, 3cr (*req. Jr.*)

\_\_\_\_\_ ENS 347: Natural Disasters and Social Inequality, 3cr

\_\_\_\_\_ ENS 392: Sustainable Agriculture: Ideas/Tech, 3cr (*req. Jr.*)

## **II. Physical and Life Science Perspectives** (cont.)

- \_\_\_\_\_ GEO 105: Living with the Great Lakes, 3cr
- \_\_\_\_\_ GPY 100: Phys. & Environ. Geography, 3cr
- \_\_\_\_\_ GPY 312: Urban and Regional Environmental Planning, 3cr
- \_\_\_\_\_ GPY/ENS 412: Global Climate and Enviro. Change, 3cr (*preq. Jr., GPY 100 or ENS 201 or NS course*)
- \_\_\_\_\_ HTM 201: Good Food Gone Bad- Food Safety, 3cr
- \_\_\_\_\_ HTM 250: Food Production/Kitchen Management 4cr
- \_\_\_\_\_ NRM 281: Principles of Soil Science, 4cr (*preq. CHM 109 or 115*)
- \_\_\_\_\_ NRM 330: Environmental Pollution, 3cr (*preq. CHM 109 or 116*)
- \_\_\_\_\_ PHY 215: Energy in Modern Life, 4cr (*preq. MTH 108 & MTH 109 or MTH 110*)

## **III. Political and Economic Perspectives**

- \_\_\_\_\_ CJ 370: Environmental Crime and Justice, 3cr (*preq. Jr.*)
- \_\_\_\_\_ ECO 345: Environmental and Resource Economics, 3cr (*preq. Jr., ECO 211, Seidman Permit*)
- \_\_\_\_\_ EGR/NRM 406: Renewable Energy: Structure/Policy/Analysis, 3cr (*preq. Jr., STA 215 or 200 or 312*)
- \_\_\_\_\_ ENS/PHI 302: Environmental Justice, 3cr
- \_\_\_\_\_ ENS/PLS 303: Introduction to U.S. Environmental Policy, 3cr (*preq. Jr.*)
- \_\_\_\_\_ ENS 305: Sustainability Assessment and Reporting, 3cr (*preq. ENS 201*)
- \_\_\_\_\_ GPY/PNH 324: Urbanization (*preq. Jr.*)
- \_\_\_\_\_ GPY 335: Globalization and Development (*preq. Jr.*)
- \_\_\_\_\_ GPY 345: Geography and Land Use Management of MI and the Great Lakes Area, 3cr
- \_\_\_\_\_ GPY 361: People, Environment, and Development in the Amazon, 3cr (*preq. Jr.*)
- \_\_\_\_\_ GSI 365: Global Climate Justice, 3cr (*preq. GSI 201 or ENS 201 or instructor permission*)
- \_\_\_\_\_ HTM 368: Geotourism (*preq. Jr., HTM 202*)
- \_\_\_\_\_ INT 322: Wicked Problems of Sustainability, 3cr (*preq. Jr.*)
- \_\_\_\_\_ INT 342: Food Matters, 3cr (*preq. Jr.*)
- \_\_\_\_\_ NRM 150: Introduction to Natural Resource Conservation, 3cr
- \_\_\_\_\_ NRM 451: Natural Resource Policy, 3cr (*preq. Jr., completion of NS or permission*)
- \_\_\_\_\_ OSH 414: Environmental Safety and Health Regulations, 3cr
- \_\_\_\_\_ PNH 307: Local Politics and Administration, 3cr
- \_\_\_\_\_ PLS 314: International Law, 3cr (*preq. Jr. or PLS 211*)
- \_\_\_\_\_ SOC 351: Urban Sociology (*preq. Jr., SOC 101*)

## **ADDITIONAL UPPER-LEVEL ELECTIVES** (6 credits)

Six credits of upper-level electives (300-level or above) from two different disciplines from the perspectives lists are required. ENS 301 Methods (SWS), ENS 305 Sustainability Assessment/Reporting, ENS 399 Independent Research, ENS 490 Internship, or ENS 491 Practicum may count as additional upper-level electives.

Elective \_\_\_\_\_

Elective \_\_\_\_\_

## **COURSE SUBSTITUTIONS** (if applicable)

\_\_\_\_\_ approved to sub for: \_\_\_\_\_

\_\_\_\_\_ approved to sub for: \_\_\_\_\_

Brooks College Advising Center

260 Lake Michigan Hall • (616) 331-8200

brooksadvising@gvsu.edu • [www.gvsu.edu/brooksadvising](http://www.gvsu.edu/brooksadvising)

Total Credits: \_\_\_\_\_

Notes:

\*\*\* This form is a planning tool and does not constitute an agreement regarding program requirements.

### **PREREQUISITE KEY**

**preq.** = Prerequisite

**Jr.** = Junior Standing

**FA** = Foundations: Arts

**FW** = Foundations: Writing

**HA** = Foundations: Historical Analysis

**LS** = Foundations: Life Sciences

**MS** = Foundations: Math Sciences

**NS** = Foundations: Natural Sciences

**US** = Cultures: U.S. Diversity