

Brooks College of Interdisciplinary Studies
Environmental and Sustainability Studies Minor (2024-2025)

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 or (616) 331-8016.

[How to Declare a Major/Minor](#) * [General Education Requirements](#) * [ENS Course Offerings](#)
[Approved ENS Subs](#) * [Faculty/Staff Directory](#)

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 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

Total Credits: _____

Notes:

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

<u>PREREQUISITE KEY</u>		
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