

**Brooks College of Interdisciplinary Studies
Environmental and Sustainability Studies Minor (2023-2024)**

A total of 21 credits are needed to fulfill the Environmental and Sustainability Studies (ENS) minor. A major must include at least 30 credits not duplicated in the minor. 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#: _____ Anticipated Grad: _____ Advisor: _____

CORE COURSES (6 credits)

Last Updated Date: _____

- ___ ENS 201: Introduction to Environmental and Sustainability Studies (3 cr.)(SFS)
- ___ ENS 401: Environmental Problem Solving(3 cr.)(preq. Jr., ENS 201)

ELECTIVE COURSES (9 credits)

Choose one course from each of the three following categories. (All courses are 3 credits unless specified.)

I. Social and Cultural Perspectives

- ___ ANT 340: Culture/Envir. (preq. Jr, WRT 130or150)(I-S,GP)
- ___ ART 423: Animals in Art (preq. Jr.)
- ___ BIO 338: Envir. Ethics (preq. Jr., WRT 130 or 150)(I-S, SWS)
- ___ ENG 382: Literature/Envir. (preq. Jr, WRT 130 or 150)(I-S, SWS)
- ___ ENS 300: Principles of Sustainability (preq. ENS 201)(SWS)
- ___ ENS 311: To Bee/Not to Bee; Honey Bees/Social Impact
- ___ GPY 362: Farmers, Crops, Agricult. (preq. Jr.)(I-G, GP, SFS)
- ___ GPY 363: World Forests and Their Use (preq. Jr.)(I-S)
- ___ GPY 410: Landscape Analysis (preq. Jr.)
- ___ HST 320: American Indians
- ___ HST 323: Michigan History
- ___ HST 327: History of United States Urban Society
- ___ INT 330: The Idea of Nature (preq. Jr.)(I-S)
- ___ INT 342: Food Matters (preq. Jr.)(I-H, SFS)
- ___ PNH 360: Voluntarism and the Non-Profit Sector
- ___ PSY 362: Environmental Psychology
- ___ SOC 288: Sociology of Food (SFS)
- ___ SW 150: Intro to Social Work and Social Welfare (SBS)
- ___ WGS 335: Women, Health, Environment (preq. Jr.)(I-S)

Check here if course substitution

II. Physical and Life Science Perspectives

- ___ BIO 105: Environmental Science (LS)
- ___ BIO 107: Great Lakes/Other Water Resources (4 cr.)(LS)
- ___ BIO 215: Ecology (4 cr.)(preq. BIO 120 or CMB 155 & 156, BIO 121)
- ___ BIO 319: Global Agricultural Sustain. (preq. Jr.)(I-S, SFS)
- ___ EGR 306: Urban Sustainability (preq. Jr., MTH 110)(I-S)
- ___ EGR 360: Thermodynamics(4 cr.)(preq. PHY 231or234, MTH 302)
- ___ ENS 310: How the Living Earth Works (preq. Jr.)(I-S)
- ___ ENS 392: Sustainable Agriculture (preq. Jr.)(I-S, SFS)
- ___ GEO 105: Living with the Great Lakes (PS)
- ___ GPY 100: Physical and Environmental Geography
- ___ GPY 312: Urban and Regional Environmental Planning
- ___ GPY/ENS 412: Global Envir.Chg (preq. Jr, GPY 100orENS 201)(I-S)
- ___ HTM 201: Good Food Gone Bad-Food Safety (1 cr.)(SFS)
- ___ HTM 250: Food Production/Kitchen Mgmt (4 cr.)(SFS)
- ___ NRM 281: Soil Science (4 cr.)(preq. CHM 109 or 115)(SFS)
- ___ NRM 330: Environmental Pollution (preq. CHM 109 or 116)

Check here if course substitution

III. Political and Economic Perspectives

- ___ CJ 370: Environmental Crime and Justice (preq. Jr.)
- ___ ECO 345: Envir. Resource Econ. (preq. Jr., ECO 200or211)(I-S)
- ___ EGR 406: Renewable Energy (preq. Jr., STA 215 or 200 or 312)
- ___ GPY/PNH 324: Urbanization (preq. Jr.) (I-S, GP)
- ___ GPY 335: Globalization and Development (preq. Jr.)(I-G)
- ___ GPY 345: Geography of MI/ Great Lakes Area
- ___ GPY 361: People, Envir., Dev. in the Amazon (preq. Jr.)
- ___ HTM 368: Geotourism (preq. Jr., HTM 202) (I-S)
- ___ INT 322: Wicked Problems of Sustain. (preq. Jr.)(I-S)
- ___ NRM 150: Introduction to Natural Resources
- ___ NRM 451: Natural Resource Policy (preq. Jr. & NS) (I-S)
- ___ OSH 414: Environmental Safety and Health Regulations
- ___ PNH 307: Local Politics and Administration (preq. Jr.)
- ___ PLS/ENS 303: Intro to US Environ. Policy (preq. Jr.)(I-S)
- ___ PLS 314: International Law (preq. Jr. or PLS 211)
- ___ SOC 351: Urban Sociology (preq. Jr., SOC 101) (I-S, SWS)

Check here if course substitution

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 380 Special Topics, 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: _____

KEY

GP = Global Perspectives	PS = Foundations: Physical Sci.
I-G = Issues-Globalization	SBS = Foundations: Social/Behav. Sci
I-H = Issues-Health	SFS = Sustainable Food Systems
I-S = Issues-Sustainability	SWS = Supplemental Writing Skills
LS = Foundations: Life Sci.	

TOTAL NUMBER OF CREDITS: _____

NOTES: _____

*** This form is a planning tool and does not constitute an agreement regarding program requirements. Download a fillable version of this curriculum guide at www.gvsu.edu/ens/minor