

**Brooks College of Interdisciplinary Studies
Environmental and Sustainability Studies Minor (2022-2023)**

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 130 or 150*)(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/PHI 302: Environmental Justice
- ___ 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.*)(I-S)
- ___ HNR 151: Food for Thought 1 (*preq. HNR College*)
- ___ 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, 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 _____

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COURSE SUBSTITUTIONS (if applicable)

_____ approved to sub for: _____

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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: _____
 Graduation Audit (*signature of person completing the audit*): _____

*** 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