## Brooks College of Interdisciplinary Studies Environmental and Sustainability Studies Minor (20*2*3-2024)

*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*](https://www.youtube.com/watch?v=MFiV7FG2Rs4&t=20s) *\** [*General Education Requirements*](https://www.gvsu.edu/gened/general-education-handbook-266.htm) *\** [*ENS Course Offerings*](https://www.gvsu.edu/ens/courses) *\** [*Approved ENS Subs*](https://www.gvsu.edu/ens/sublist) *\** [*Faculty/Staff Directory*](https://www.gvsu.edu/ens/facultystaff-directory-44.htm)

# Name: G#: Anticipated Grad: Advisor:

**CORE COURSES** *(6 credits)*

 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)*Last Updated Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |
| --- |
| **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 |

|  |
| --- |
| **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 |

**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

|  |
| --- |
| **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 |

**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.

*\*\*\* This form is a planning tool and does not constitute an agreement regarding program requirements. Download a fillable version of this curriculum guide at***TOTAL NUMBER OF CREDITS:**

**NOTES:**

[*www.gvsu.edu/ens/minor*](https://www.gvsu.edu/ens/minor)

 **Brooks College Advising Center**

260 Lake Michigan Hall • (616) 331-8200

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