## 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*](mailto:%20ens@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.)*

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| **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 |

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| **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

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| **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](mailto:%20brooksadvising@gvsu.edu) • [www.gvsu.edu/brooksadvising](https://www.gvsu.edu/brooksadvising)