

Brooks College of Interdisciplinary Studies  
**Environmental and Sustainability Studies Program**  
**Sustainable Food Systems Certificate (2022-2023)**

*The undergraduate Certificate in Sustainable Food Systems is housed within the Environmental and Sustainability Studies (ENS) Program in Brooks College of Interdisciplinary Studies. Individuals may pursue the certificate on its own or concurrently with any major or minor. Any course that satisfies requirements for the certificate and the student's major or minor will count towards both. To complete this certificate, students select a total of 16-20 credits from a list of required and elective courses. Contact the ENS Program at [ens@gvsu.edu](mailto:ens@gvsu.edu) or (616) 331-8016.*

Name: \_\_\_\_\_ G: \_\_\_\_\_ Anticipated Grad: \_\_\_\_\_ Advisor: \_\_\_\_\_

**REQUIRED COURSES** (7-10 credits)

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| ____ ENS 201: Introduction to Environmental and Sustainability Studies (3 cr.) (ENS) | ____ HTM 201: Good Food Gone Bad (1 cr.) (ENS)                     |
| <b>OR</b>  |  |
| ____ ENS 392: Sustainable Agriculture: Ideas and Techniques (3 cr.) (ENS, I-S)       | ____ HTM 250: Food Production and Kitchen Management (4 cr.) (ENS) |

**ELECTIVE COURSES** (9-10 credits)

*Students must select one course from each of the two groups of electives and one additional elective from either group for a total of three elective courses. No more than two elective courses with the same prefix are allowed.*

**Group 1: Agriculture**  
(select at least 1 course = 3 or 4 credits)

- \_\_\_\_ BIO 309: Plants and Human Health (3 cr.) (preq. Jr. and completion of Foundations LS) (I-H)
- \_\_\_\_ BIO 319: Global Agriculture Sustainability (3 cr.) (preq. Jr. and completion of Foundations LS) (ENS, I-S)
- \_\_\_\_ BIO 423: Plant Biotechnology (3 cr.) (preq. BIO 376)
- \_\_\_\_ GPY 362: Farmers, Crops and Our Challenging Agricultural World (3 cr.) (preq. Jr.) (ENS, GP, I-G)
- \_\_\_\_ NRM 281: Principles of Soil Science (4 cr.) (preq. CHM 109 or CHM 115) (ENS)

**Group 2: Food and Nutrition**  
(select at least 1 course = 3 credits)

- \_\_\_\_ BMS 105: Basic Nutrition (3 cr.)
- \_\_\_\_ AFN 381: Design Thinking in Applied Food and Nutrition (3 cr.)
- \_\_\_\_ HTM 175: International Food and Culture (3 cr.) (ENS, GP)
- \_\_\_\_ INT 342: Food Matters (3 cr.) (preq. Jr.) (ENS, I-H)
- \_\_\_\_ SOC 288: Sociology of Food (3 cr.) (ENS)

**TOTAL NUMBER OF CREDITS:** \_\_\_\_\_

\*\*\* 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/sfs](http://www.gvsu.edu/ens/sfs)

**KEY**

**Some courses may also count toward other GVSU program requirements:**

- ENS** = Environmental & Sustainability Studies Major or Minor
- GP** = Global Perspectives
- I-G** = Issues-Globalization
- I-H** = Issues-Health
- I-S** = Issues-Sustainability
- LS** = Foundations: Life Sciences