

# MILLERSVILLE UNIVERSITY

Student Name: \_\_\_\_\_ Student I.D.# \_\_\_\_\_

DEGREE: BA  
MAJOR: GEOG  
OPTION: SUS

## MAJOR REQUIREMENTS FOR A BA DEGREE IN GEOGRAPHY: SUSTAINABILITY STUDIES

Total credit hours required: 120.0 minimum

### REQUIREMENTS AND POLICIES FOR THE BA GEOGRAPHY MAJOR

#### A. Policies for Admission to the Major

1. New students (freshmen and transfers) must be admitted to the Geography major by the Office of Admissions upon admission to the University.
2. Admission into the Geography major from other departments is upon approval of the chairperson of the Geography Department.
3. Non-degree and continuing education students must be admitted to the Geography major by the Office of Admissions.

#### B. Policies for Retention in the Major

1. University requirements for retention.

#### C. Policies for Completion of the Major

1. Completion of all University curricular requirements.
2. Students enrolled in multiple Geography options will be permitted to double count courses in the required Geography and required related blocks but would not be able to double count courses satisfying the Geography electives block.

**Note to the student:** *This form is provided as a guide. It is your responsibility to consult regularly with your advisor to be aware of changes and curriculum details which are not incorporated on this form.*

## MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BA GEOGRAPHY**  
 Option: **Sustainability Studies**  
 Major Field Requirements: **42.0 credits**  
 Other Requirements: **25.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

|            |             |      |       |  |
|------------|-------------|------|-------|--|
| Course No. | Short Title | C.H. | Grade |  |
|------------|-------------|------|-------|--|

|            |             |      |       |  |
|------------|-------------|------|-------|--|
| Course No. | Short Title | C.H. | Grade |  |
|------------|-------------|------|-------|--|

### REQUIRED GEOGRAPHY (42.0 credits)

### REQUIRED RELATED (6.0 credits)

#### Human Dimensions of Sustainability (6 s.h.)

\*Prerequisites beyond COMM 100 and ENGL 110

|          |                          |     |  |  |
|----------|--------------------------|-----|--|--|
| GEOG 120 | Human Geography          | 3.0 |  |  |
| GEOG 141 | World Regional Geography | 3.0 |  |  |

|          |                            |     |  |  |
|----------|----------------------------|-----|--|--|
| ECON 307 | Environ. Economics (G3,W)* | 3.0 |  |  |
|----------|----------------------------|-----|--|--|

#### Environmental Foundations (6 s.h.)

**--AND--**

|          |                              |     |  |  |
|----------|------------------------------|-----|--|--|
| GEOG 202 | Environmental Sustainability | 3.0 |  |  |
| GEOG 230 | Physical Geography           | 3.0 |  |  |

**--or--**

|          |                         |     |  |  |
|----------|-------------------------|-----|--|--|
| SOWK 314 | Global Well-Being (D,P) | 3.0 |  |  |
|----------|-------------------------|-----|--|--|

#### Environmental Techniques (9 s.h.)

|          |                               |     |  |  |
|----------|-------------------------------|-----|--|--|
| GEOG 281 | Map Interpretation & Analysis | 3.0 |  |  |
| GEOG 292 | Quant. & Spatial Analysis     | 3.0 |  |  |
| GEOG 289 | Field & Research Methods      | 3.0 |  |  |

### Optional General Electives Courses

#### Humanities and Fine Arts

|          |                                 |     |  |  |
|----------|---------------------------------|-----|--|--|
| COMM 203 | Small Group Comm.               | 3.0 |  |  |
| COMM 225 | Comm. in Nonprofit Sector       | 3.0 |  |  |
| COMM 227 | Comm. Culture & Community       | 3.0 |  |  |
| ENGL 342 | Reading & Writing for Civic Chg | 3.0 |  |  |
| PHIL 381 | Ethical Theories                | 3.0 |  |  |

#### Policy and Leadership (6 s.h.)

Choose 2 courses from:

|          |                           |     |  |  |
|----------|---------------------------|-----|--|--|
| GEOG 307 | US Environmental Policy   | 3.0 |  |  |
| GEOG 336 | Climate & Society         | 3.0 |  |  |
| GEOG 372 | Urban & Regional Planning | 3.0 |  |  |

#### Science and Mathematics

|            |                                |     |  |  |
|------------|--------------------------------|-----|--|--|
| BIOL 100   | General Biology                | 3.0 |  |  |
| BIOL 208   | Plants and People              | 3.0 |  |  |
| BIOL 211   | Concepts of Zoology            | 3.0 |  |  |
| BIOL 221   | Concepts of Botany             | 3.0 |  |  |
| CHEM 102   | Demonstration Chemistry        | 3.0 |  |  |
| CHEM 103/4 | Gen'l. Org & Biochemistry I/II | 3.0 |  |  |
| ESCI 101   | Earth Sys. & Natural Hazards   | 3.0 |  |  |
| ESCI 104/5 | The World Ocean w/ Lab         | 3.0 |  |  |
| ESCI 107/9 | The Atmosphere w/ Lab          | 3.0 |  |  |
| ESCI 120/1 | Environmental Geology w/ Lab   | 3.0 |  |  |
| ESCI 245   | Environmental Meteorology      | 3.0 |  |  |
| ESCI 261   | Introduction to Oceanography   | 3.0 |  |  |

#### Sustainability Electives (6 s.h.)

Choose 2 courses from:

|           |                                               |     |  |  |
|-----------|-----------------------------------------------|-----|--|--|
| GEOG 227  | Cities                                        | 3.0 |  |  |
| GEOG 304  | Water Resources Management                    | 3.0 |  |  |
| GEOG 305  | Energy Sustainability (W)                     | 3.0 |  |  |
| GEOG 306  | Environmental Impace Assess.                  | 3.0 |  |  |
| GEOG 333  | Biogeography                                  | 3.0 |  |  |
| GEOG ____ | Any remaining course from Policy & Leadership | 3.0 |  |  |

#### Social Sciences

|          |                                |     |  |  |
|----------|--------------------------------|-----|--|--|
| ANTH 121 | Cultural Anthropology          | 3.0 |  |  |
| BUAD 251 | Principles of Management       | 3.0 |  |  |
| BUAD 355 | Business and Society           | 3.0 |  |  |
| EHEM 201 | Intro to Emergency Mgmt.       | 3.0 |  |  |
| EHEM 305 | Disaster Mgt./Comm Risk        | 3.0 |  |  |
| GOVT 205 | Intro to Public Policy         | 3.0 |  |  |
| HIST 218 | People and the Environment     | 3.0 |  |  |
| OSEH 120 | Fund Safety, Hlth, Env. Health | 3.0 |  |  |
| SOCY 211 | Social Problems                | 3.0 |  |  |
| SOCY 216 | Human Population               | 3.0 |  |  |
| SOCY 313 | Sociology of Disaster          | 3.0 |  |  |
| SOWK 102 | Modern Soc. Welfare Dilemmas   | 3.0 |  |  |

#### CAPSTONE IN SUSTAINABILITY STUDIES (3.0 credits)

|          |                               |     |  |  |
|----------|-------------------------------|-----|--|--|
| GEOG 408 | Sustainable Development (D,P) | 3.0 |  |  |
|----------|-------------------------------|-----|--|--|

#### GEOGRAPHY ELECTIVES (6.0 credits)

|            |  |     |  |  |
|------------|--|-----|--|--|
| GEOG _____ |  | 3.0 |  |  |
| GEOG _____ |  | 3.0 |  |  |

#### Additional Related Perspective Courses

|          |                                   |     |  |  |
|----------|-----------------------------------|-----|--|--|
| ANTH 342 | World Hunger                      | 3.0 |  |  |
| BIOL 340 | Perspectives in Env'l Aware.      | 3.0 |  |  |
| ESCI 385 | Global Climate Change-Sci/Pol     | 3.0 |  |  |
| ITEC 302 | Futurology: Tech, Society, Change | 3.0 |  |  |
| ITEC 304 | Energy, Sust. & Environment       | 3.0 |  |  |
| PHIL 345 | Humanity and Environment          | 3.0 |  |  |

In addition, identify and complete a Minor. This is to be done in consultation with, and with the approval of, your advisor.

Department: \_\_\_\_\_

Name of Minor: \_\_\_\_\_

#### Recommended Minors:

Biology (BIOL); Geology, Meteorology, Oceanography or Earth Science (ESCI); Economics (ECON); Env'tl Hazards & Emergency Mgmt (EHEM); Env'tl Policy & Regulation, Industrial & Env'tl Health, Land Use, Quant. Methods in Env'tl Science, or Water Resources (ENVI); Govt & Pol. Affairs (GOVT); International Studies (INTL); Occupational Safety (OSEH); Print Media Studies (Journalism) (ENGL); Social Justice (SOWK)..