

# MILLERSVILLE UNIVERSITY

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

DEGREE: BA	<b>MAJOR REQUIREMENTS FOR A BA DEGREE IN</b>
MAJOR: GEOG	<b>GEOGRAPHY: ENVIRONMENTAL STUDIES</b>
OPTION: ENV 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 adviser to be aware of changes and curriculum details which are not incorporated on this form.*

## MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BA GEOGRAPHY**

Option: **Environmental Studies**

Major Field Requirements: **36.0-37.0 credits**

Other Requirements: **28.0 - 33.0 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
<b>REQUIRED GEOGRAPHY (9.0 credits)</b>				<b>REQUIRED RELATED (28.0 - 33.0 credits)</b>			
GEOG 120	Human Geography	3.0	_____	(Note: Courses with * asterisks have prerequisites. Math courses require placement or prerequisites.)			
GEOG 202	Resources & Environment	3.0	_____	<b>Choose 1 Math course from:</b>			
GEOG 230	Physical Geography	3.0	_____	MATH 151	Calc for Mgmt, Life & SS (G2)	4.0	_____
<b>Regional Dimensions (3.0 credits)</b>				MATH 160	Precalculus (G2)	4.0	_____
Choose 1 course from courses numbered GEOG 14X, GEOG 24X, or GEOG 34X.				<b>Choose 1 Statistics course from:</b>			
GEOG _____	_____	3.0	_____	MATH 235	Survey of Statistics (G2)*	3.0	_____
<b>Upper Level Environmental/Physical Geography (12.0 credits)</b>				BIOL 375	Biometry *	3.0	_____
Choose 4 courses from courses numbered GEOG 30X, or GEOG 33X.				ECON 231	Applied Statistics I (G3)	3.0	_____
GEOG _____	_____	3.0	_____	ENVI 330	Env Stats & Risk Assessment*	3.0	_____
GEOG _____	_____	3.0	_____	<b>Choose 1 Environmental Science course from:</b>			
GEOG _____	_____	3.0	_____	BIOL 241	Principles of Ecology *	3.0	_____
GEOG _____	_____	3.0	_____	ESCI 101	Earth Sys & Nat Hazards (G2)	3.0	_____
<b>Environmental Techniques (9-10.0 credits)</b>				ESCI 104	The World Ocean (G2)	3.0	_____
GEOG 281	Map Interpretation & Analys	3.0	_____	ESCI104/105	The World Ocean w/Lab	3.0/1.0	_____
GEOG 295	Geog Information Systems	3.0	_____	ESCI 107	The Atmosphere (G2) OR	3.0	_____
Additionally, choose 1 course from courses numbered GEOG 37X, GEOG 38X, GEOG 29X, GEOG 39X or GEOG 350 Raster GIS & Remote Sensing.				ESCI 109	Atmosphere w/Lab (G2, L)	4.0	_____
GEOG _____	_____	3.0	_____	ESCI 221	Physical Geology (G2, L)	4.0	_____
<b>Environmental Research/Practicum (3.0 credits)</b>				ESCI 225	Geomorphology *	3.0	_____
Choose 1 course from the following:				ESCI 245	Environ Meteorology (G2, L)*	3.0	_____
GEOG 300	Co-Op in Geography	3.0	_____	ESCI 261	Intro Oceanography (G2, L)*	4.0	_____
GEOG 488	Senior Thesis	3.0	_____	ESCI 322	Environmental Hydrology *	3.0	_____
<b>Minor:</b> Identify and complete a minor in consultation with your adviser.				<b>General Electives (as necessary)</b>			
Recommended minors (with Department):				<b>OPTIONAL COURSES FOR GEN ED REQS:</b>			
Minors with an environmental emphasis: Biology (BIOL); Geology, Meteorology, Oceanography or Earth Science (ESCI); Env'tl Hazards & Emergency Mgmt (EHM); Env'tl Policy & Regulation, Industrial & Env'tl Health, Land Use, Quant. Methods in Env'tl Science, or Water Resources (ENVI); Occupational Safety (OSEH).				<b>Any of the Required Related courses listed above plus:</b>			
Other relevant minors: Criminology (SOAN); Govt & Pol. Affairs (GOVT); Intl Studies (INTL); Print Media Studies (Journalism) (ENGL).				ANTH 342	World Hunger (P)	3.0	_____
Name of Minor: _____				BIOL 208	Plants and People (G2)*	3.0	_____
				BIOL 211	Concepts of Zoology (G2, L)*	4.0	_____
				BIOL 221	Concepts of Botany (G2, L)*	4.0	_____
				BIOL 247	Biodiversity (G2, L)*	3.0	_____
				BIOL 340	Perspect Env. Awareness (P)	3.0	_____
				CHEM 102	Science of Chemistry (G2, L)	3.0	_____
				CHEM 103/4	Gen Org & Biochem I/II (G2, L)	3.0	_____
				COMM 311	Environ Advocacy (G1)	3.0	_____
				ECON 102	Principles Microecon (G3)	3.0	_____
				ECON 207	Environ Economics (G3, W)*	3.0	_____
				ESCI 320	Roads West: Geol, Tech (P)*	3.0	_____
				ESCI 385	Global Change (W)*	3.0	_____
				ESCI 466	Coastal Environ Ocean (P)*	3.0	_____
				GOVT 205	Intro to Public Policy (G3)	3.0	_____
				OSEH 120	Fund Safety & Env Health(G3)	3.0	_____
				OSEH 321	Environ & Indust Hygiene 1 *	3.0	_____
				PHIL 345	Humanity & Environment (P)	3.0	_____
				PHYS 131/2	Physics I/II w/Algebra (G2, L)	4.0	_____
				SOCY 211	Social Problems (G3, W)	3.0	_____
				SOCY 216	Human Population (G3, W)	3.0	_____
				SOCY 313	Sociology of Disaster (G3, W)*	3.0	_____