

MILLERSVILLE UNIVERSITY

Student Name: _____ Student I.D.# _____

DEGREE: BA	MAJOR REQUIREMENTS FOR A BA DEGREE IN GEOGRAPHY: GEOSPATIAL APPLICATIONS Total credit hours required: 120.0 minimum
MAJOR: GEOG	
OPTION: GEOA	

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: **Geospatial Applications**
 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
REQUIRED GEOGRAPHY (21.0 credits)			
GEOG 120	Human Geography	3.0	_____
GEOG 230	Physical Geography	3.0	_____
GEOG 281	Map Interpretation & Analysis	3.0	_____
GEOG 295	GIS I: Vector Analysis	3.0	_____
GEOG 296	GIS II: Raster Analysis	3.0	_____
GEOG 292	Quant. & Spatial Analysis	3.0	_____
GEOG 372	Urban & Regional Planning	3.0	_____

Course No.	Short Title	C.H.	Grade
REQUIRED RELATED (25.0 credits)			
Choose 7.0 credit hours of MATH courses:			
MATH 130	Elements of Statistics I	3.0	_____
--or--			
MATH 235	Survey of Statistics	3.0	_____
--AND--			
MATH 151	Calculus for Management	4.0	_____
--or--			
MATH 160	Precalculus	3.0	_____

GEOGRAPHY ELECTIVES (21.0 credits)

Choose 6.0 credit hours from the Geography Department's Techniques courses (GEOG 28X, 29X, 38X, and 39X).

GEOG ____	_____	3.0	_____
GEOG ____	_____	3.0	_____

Choose 6.0 credit hours from the following Geography Department's Applied courses:

GEOG 278	Transportation Geography	3.0	_____
GEOG 304	Water Resource Mgmt	3.0	_____
GEOG 305	Energy Sustainability	3.0	_____
GEOG 306	Environ. Impact Assessment	3.0	_____
GEOG 307	U.S. Environ. Policy	3.0	_____
GEOG 336	Climate & Society	3.0	_____
GEOG 407	Global Environ Policy & Neg.	3.0	_____

Choose 3.0 credit hours from the Geography Department's Regional Courses (GEOG X4X).

GEOG ____	_____	3.0	_____
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Choose 3.0 credit hours from the following:

GEOG 300	Co-Op in Geography	3.0	_____
GEOG 488	Senior Thesis	3.0	_____

Choose 3.0 credit hours of additional Geography courses:

GEOG ____	_____	3.0	_____
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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:

- Computer Science
- Government
- Env. Haz. Emerg. Mgt.
- Soc: Crimonology
- BUAD: Mgt.

General Electives (as necessary)

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____