

B.A. GEOGRAPHY / GENERAL TRACK (Academic Plan: ULASGEOGE)

MAJOR PROGRAM: 42 S.H.		
1. Core Requirements: 18 S.H.	<u>SH</u>	<u>GR</u>
a. GEG 010 Elements of Physical Geog.		
b. GEG 020CD Elements of Cultural Geog.		
c. GEG 274CPQL Introduction to GIS		
d. GEG 330CPVL Cartography		
e. GEG 375 Research Methods in Geog.*		
f. GEG 380CTWI Sr. Seminar in Geog.‡		
‡Core courses a. through e. must be completed prior to enrolling in GEG 380CTWI, Senior Seminar.		

2. Category Requirements: 6 S.H.		
<i>One course each from 2 of the following categories:</i>		
a. GEG (Cultural or Regional)		
b. GEG (Economic)		
c. GEG (Physical)		

CULTURAL GEOGRAPHY:

GEG 210	Environmental Conservation
GEG 225CMCT	Spaces of Globalization
GEG 264	Medical Geography
GEG 335	Political Geography
GEG 338	Geography of Population

ECONOMIC GEOGRAPHY:

GEG 220	Economic Geography
GEG 223	Intro. to Transportation Geography
GEG 225CMCT	Spaces of Globalization
GEG 310WI	Urban Geography

GEOGRAPHIC TECHNIQUES:

GEG 230	Map Reading and Interpretation
GEG 232	Field Methods in Geography
GEG 274CPQL	Introduction to GIS Lecture / Lab
GEG 330CPVL	Cartography
GEG 333	Advanced GIS
GEG 341	Environmental Planning
GEG 343	Land Use Planning
GEG 347	Remote Sensing Lecture / Lab
GEG 375	Research Methods in Geography

MAJOR PROGRAM (continued)		
3. General Track: 18 S.H.	<u>SH</u>	<u>GR</u>
a. GEG		
b. GEG		
c. GEG		
d. GEG		
e. GEG		
f. GEG		

ELECTIVES or MINOR: 18 S.H.		
	<u>SH</u>	<u>GR</u>
a.		
b.		
c.		
d.		
e.		
f.		

*Statistics Requirement Verification

Statistics is a prerequisite to GEG 375. Geography students must take a statistics course: MAT 140 or 150, or POL/PSY/SOC200. MAT 105 is a prerequisite for MAT 140. PSY 011 and MAT 017 or higher (excluding 040 and 045) are prerequisites for PSY 200.

PHYSICAL GEOGRAPHY:

GEG 040	Descriptive Oceanography
GEG 204	Meteorology Lecture / Lab
GEG 212	Geography of Natural Hazards
GEG 304	Weather Analysis Lecture / Lab
GEG 322	Climatology
GEG 323	Global Warming & Science of Climate Change
GEG 324	Geomorphology Lecture / Lab

REGIONAL GEOGRAPHY:

GEG 101	World Regional Geography
GEG 110	Geography of United States and Canada
GEG 112	Geography of Pennsylvania
GEG 120	Geography of Sub-Saharan Africa
GEG 140	Geography of Europe

Effective Date: 08/24/2015

Version: 2158

Check sheet revised 08/21/2015

STUDENT NAME:



ID # and REQUIREMENT TERM:

COLLEGE OF LIBERAL ARTS & SCIENCES • BA • GEOGRAPHY / GENERAL TRACK

Academic Plan: **ULASGEOGE**

GENERAL EDUCATION

Effective Date: **08/24/2015 (Version: 2158)**

I. UNIVERSITY CORE (12 credits)

	RC	CR	GR	
A. Oral Communication: COM 10 or above				
COURSE:	3			
B. Written Communication: ENG 23, 24, or 25				
COURSE:	3			
C. Mathematics: MAT 17 or above				
COURSE:	3			
D. Wellness: Any 3-credit Wellness course				
COURSE:	3			

II. UNIVERSITY DISTRIBUTION (15 credits)

	RC	CR	GR	CAC
A. Natural Sciences: Any lab or non-lab course with prefix AST, BIO, CHM, ENV, GEL, MAR, NSE, or PHY; or certain GEG courses (see note at right)				
COURSE:	3			
B. Social Sciences: Any course with prefix ANT, CRJ, ECO, HIS, INT, MCS, POL, PSY, SOC, SSE, or SWK; or certain GEG courses (see note at right)				
COURSE:	3			
C. Humanities: Any course with prefix ENG, HUM, PAG, PHI, WRI, WGS, or Modern Language				
COURSE:	3			
D. Arts: Any course with prefix ARC, ARH, ART, CDE, CDH, CFT, FAR, FAS, MUP, MUS, or THE				
COURSE:	3			
E. Free Elective: Any course carrying university credit				
COURSE:	3			

III. COMPETENCIES ACROSS THE CURRICULUM

	RC	CR	GR	CAC
A. Writing Intensive (WI) (9 credits)				
COURSE:	3			WI
COURSE:	3			WI
COURSE: GEG 380 CTWI Senior Seminar[†]	3			WI
B. Quantitative Literacy (QL) (3 credits) OR Computer-Intensive (CP) (3 credits)				
COURSE: GEG 274 CPQL Intro. to GIS[†]	3			
C. Visual Literacy (VL) (3 credits) OR Communication-Intensive (CM) (3 credits)				
COURSE: GEG 330 CPVL Cartography[†]	3			
D. Cultural Diversity (CD) (3 credits)				
COURSE: GEG 020 CD Cultural Geography[†]	3			CD
E. Critical Thinking (CT) (3 credits)				
COURSE: GEG 380 CTWI Senior Seminar[†]	3			CT

A Competency Across the Curriculum (CAC) course is not a separate course, but rather an overlay that is "double counted" as fulfilling both the CAC requirement and another requirement in either General Education (except for the University Core), the major, or the minor. [†]Suggested placement of required thematic course.

RC = Minimum required number of credits
CR = Credits earned (fill in number of credits)
GR = Grade earned (fill in letter grade)
CAC = Competency Across the Curriculum (fill in designation)

NOTE: GEG courses with a lab and 40, 322, and 323 may be used in II.A. GEG 40, 204, 274, 304, 322, 323, 324, 347, 380, and 394 may NOT be used in II.B.

IV. COLLEGE DISTRIBUTION (33 credits)

	RC	CR	GR	CAC
A. Natural Science, Mathematics, and Computer Science[#] (6 credits): Choose one course in each subcategory.				
1. Natural Science with Lab: AST, BIO, CHM, ENV, GEL, MAR, or PHY; or GEG (see note at right)				
COURSE:	3			
2. Elective: AST, BIO, CHM, CSC, ENV, GEL, MAR, MAT, NSE, PHY; or GEG (see note at right)				
COURSE:	3			
B. Social Science (9 credits): Choose one course in each subcategory.				
1. Elective: ANT, GEG (see note at right), HIS, or POL				
COURSE:	3			
2. Elective: CRJ, PSY, SOC, or SWK				
COURSE:	3			
3. Elective: ANT, CRJ, ECO, GEG (see note at right), HIS, INT, POL, PSY, SOC, SSE, or SWK				
COURSE:	3			

	RC	CR	GR	CAC
C. Humanities (6 credits): Choose one course in each subcategory.				
1. Elective: ENG, HUM, PAG*, or WRI				
COURSE:	3			
2. Elective: (ARA, CHI, FRE, GER, MLS, SPA)* or PHI				
COURSE:	3			
D. Modern Languages (6 credits) (103 or above)				
COURSE:	3			
COURSE:	3			
E. Free Electives (6 credits): Choose any university courses that count toward graduation.				
COURSE:	3			
COURSE:	3			

[#] Students in the College of Liberal Arts and Sciences are required to take at least one course in Biological Science (BIO) and at least one course in Physical Science (AST, CHM, ENV, GEL, MAR, PHY, GEG with lab, or GEG 40, GEG 322, or GEG 323), and at least one of which must be a lab (each course may be counted in either sections II.A or IV.A).

* Excludes courses in language instruction, conversation, composition, linguistics, syntax, stylistics, and internship courses. Contact the Modern Language Studies Dept. for clarification.

NOTE: GEG courses with a lab and 40, 322, and 323 may be used in II.A. GEG 40, 204, 274, 304, 322, 323, 324, 347, 380, and 394 may NOT be used in IV.B.

Check sheet revised: 08/21/2015

Four-Year Program Plan

ULASGEOAP: BA Geography - Applied Track version 2158					
FIRST YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 010	Elements of Physical Geography	3	GEG	Category Requirement 1/2	3
GEG 020	Elements of Cultural Geography	3	GEG	Track Course 1/5	3
GE I	University Core 1/3	3	GE I	University Core 2/3	3
GE IV	College Distribution 1/5	3	GE II	University Distribution 1/3	3
	Free Elective 1/6	3		Free Elective 2/6	3
Total		15	Total		15
SECOND YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Track Course 2/5	3	GEG	Track Course 3/5	3
GEG 330CPVL	Cartography	3	PSY 011	General Psychology	3
MAT 017	Introduction to Math (or above)	3	GE I	University Core 3/3	3
BIO 010	Introduction to Biology (or above)	3	GE IV	College Distribution 2/5	3
	Free Elective 3/6	3		Free Elective 4/6	3
Total		15	Total		15
THIRD YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 274CPQL	Introduction to GIS	3	GEG	Track Course 4/5	3
PSY 200QL	Statistics for Social & Behavioral Sciences	3	GEG	Track Course 5/5	3
SPA 011	Elementary Spanish I (or other Mod. Lang.)	3	SPA 012	Elementary Spanish II	3
GE II	University Distribution 2/3	3	GE IV	Non-BIO Natural Science	3
GE IV	College Distribution 3/5	3	GE IV	College Distribution 4/5	3
Total		15	Total		15
FOURTH YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Category Requirement 2/2	3	GEG 380CTWI	Sr. Seminar in Geography	3
GEG 375	Research Methods	3	GEG 394	Internship in Geography	3
SPA 103	Intermediate Spanish I	3	SPA 104	Intermediate Spanish II	3
GE IV	College Distribution 5/5	3	GE II	University Distribution 3/3	3
	Free Elective 5/6	3		Free Elective 6/6	3
Total		15	Total		15

Four-Year Program Plan

ULASGEOEN: BA Geography - Environmental Track version 2158					
FIRST YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 010	Elements of Physical Geography	3	GEG	Category Requirement 1/2	3
GEG 020	Elements of Cultural Geography	3	GEG	Track Course 1/5	3
GE I	University Core 1/3	3	GE I	University Core 2/3	3
GE IV	College Distribution 1/5	3	GE II	University Distribution 1/3	3
	Free Elective 1/6	3		Free Elective 2/6	3
Total		15	Total		15
SECOND YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Track Course 2/5	3	GEG	Track Course 3/5	3
GEG 330CPVL	Cartography	3	PSY 011	General Psychology	3
MAT 017	Introduction to Math (or above)	3	GE I	University Core 3/3	3
BIO 010	Introduction to Biology (or above)	3	GE IV	College Distribution 2/5	3
	Free Elective 3/6	3		Free Electives 4/6	3
Total		15	Total		15
THIRD YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 274CPQL	Introduction to GIS	3	GEG	Track Course 4/5	3
PSY 200QL	Statistics for Social & Behavioral Sciences	3	GEG	Track Course 5/5	3
SPA 011	Elementary Spanish I (or other Mod. Lang.)	3	SPA 012	Elementary Spanish II	3
GE II	University Distribution 2/3	3	GE IV	Non-BIO Natural Science	3
GE IV	College Distribution 3/5	3	GE IV	College Distribution 4/5	3
Total		15	Total		15
FOURTH YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Category Requirement 2/2	3	GEG 380CTWI	Sr. Seminar in Geography	3
GEG 375	Research Methods	3	GEG 394	Internship in Geography	3
SPA 103	Intermediate Spanish I	3	SPA 104	Intermediate Spanish II	3
GE IV	College Distribution 5/5	3	GE II	University Distribution 3/3	3
	Free Elective 5/6	3		Free Elective 6/6	3
Total		15	Total		15

Four-Year Program Plan

ULASGEOGE: BA Geography - General Track version 2158					
FIRST YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 010	Elements of Physical Geography	3	GEG	Category Requirement 1/2	3
GEG 020	Elements of Cultural Geography	3	GEG	Track Course 1/6	3
GE I	University Core 1/3	3	GE I	University Core 2/3	3
GE IV	College Distribution 1/5	3	GE II	University Distribution 1/3	3
	Free Elective 1/6	3		Free Elective 2/6	3
Total		15	Total		15
SECOND YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Track Course 2/6	3	GEG	Track Course 3/6	3
GEG 330CPVL	Cartography	3	PSY 011	General Psychology	3
MAT 017	Introduction to Math (or above)	3	GE I	University Core 3/3	3
BIO 010	Introduction to Biology (or above)	3	GE IV	College Distribution 2/5	3
	Free Elective 3/6	3		Free Elective 4/6	3
Total		15	Total		15
THIRD YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 274CPQL	Introduction to GIS	3	GEG	Track Course 4/6	3
PSY 200QL	Statistics for Social & Behavioral Sciences	3	GEG	Track Course 5/6	3
SPA 011	Elementary Spanish I (or other Mod. Lang.)	3	SPA 012	Elementary Spanish II	3
GE II	University Distribution 2/3	3	GE IV	Non-BIO Natural Science	3
GE IV	College Distribution 3/5	3	GE IV	College Distribution 4/5	3
Total		15	Total		15
FOURTH YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Category Requirement 2/2	3	GEG 380CTWI	Sr. Seminar in Geography	3
GEG 375	Research Methods	3	GEG	Track Course 6/6	3
SPA 103	Intermediate Spanish I	3	SPA 104	Intermediate Spanish II	3
GE IV	College Distribution 5/5	3	GE II	University Distribution 3/3	3
	Free Elective 5/6	3		Free Elective 6/6	3
Total		15	Total		15

Four-Year Program Plan

ULASGEOGL: BA Geography - Globalization Track version 2158					
FIRST YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 010	Elements of Physical Geography	3	GEG 101	World Regional Geography	3
GEG 020	Elements of Cultural Geography	3	GEG	Track Course 1/4	3
GE I	University Core 1/3	3	GE I	University Core 2/3	3
GE IV	College Distribution 1/5	3	GE II	University Distribution 1/3	3
	Free Elective 1/6	3	GE IV	College Distribution 2/5	3
Total		15	Total		15
SECOND YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Regional Course 1/2	3	GEG	Track Course 2/4	3
GEG 330CPVL	Cartography	3	PSY 011	General Psychology	3
MAT 017	Introduction to Math (or above)	3	GE I	University Core 3/3	3
BIO 010	Introduction to Biology (or above)	3	GE II	University Distribution 2/3	3
GE IV	College Distribution 3/5	3		Free Elective 2/6	3
Total		15	Total		15
THIRD YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG 274 CPQL	Introduction to GIS	3	GEG	Track Course 3/4	3
PSY 200QL	Statistics for Social & Behavioral Sciences	3	GEG 225CMCT	Spaces of Globalization	3
SPA 011	Elementary Spanish I (or other Mod. Lang.)	3	SPA 012	Elementary Spanish II	3
GE IV	College Distribution 4/5	3	GE IV	Non-Bio Natural Science	3
	Free Elective 3/6	3		Free Elective 4/6	3
Total		15	Total		15
FOURTH YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
<i>Course</i>	<i>Title</i>	<i>Credits</i>	<i>Course</i>	<i>Title</i>	<i>Credits</i>
GEG	Track Course 4/4	3	GEG	Regional Course 2/2	3
GEG 375	Research Methods	3	GEG 380CTWI	Sr. Seminar in Geography	3
SPA 103	Intermediate Spanish I	3	SPA 104	Intermediate Spanish II	3
GE IV	College Distribution 5/5	3	GE II	University Distribution 3/3	3
	Free Elective 5/6	3		Free Elective 6/6	3
Total		15	Total		15

Four-Year Program Plan

ULASGEOPL: BA Geography - Planning Track version 2158					
FIRST YEAR					
Fall Semester			Spring Semester		
Course	Title	Credits	Course	Title	Credits
GEG 010	Elements of Physical Geography	3	GEG	Category Requirement 1/2	3
GEG 020	Elements of Cultural Geography	3	GE I	University Core 2/3	3
GE I	University Core 1/3	3	GE II	University Distribution 1/3	3
GE IV	College Distribution 1/5	3	GE IV	College Distribution 2/5	3
	Minor Course 1/6	3		Minor Course 2/6	3
Total		15	Total		15
SECOND YEAR					
Fall Semester			Spring Semester		
Course	Title	Credits	Course	Title	Credits
GEG	Track Course 1/2	3	GEG 310WI	Urban Geography	3
GEG 330CPVL	Cartography	3	MAT 017	Introduction to Math (or above)	3
BIO 010	Introduction to Biology (or above)	3	PSY 011	General Psychology	3
GE IV	College Distribution 3/5	3	GE I	University Core 3/3	3
	Minor Course 3/6	3	GE II	University Distribution 2/3	3
Total		15	Total		15
THIRD YEAR					
Fall Semester			Spring Semester		
Course	Title	Credits	Course	Title	Credits
GEG 274CPQL	Introduction to GIS	3	GEG 310WI	Urban Geography	3
GEG 343	Land Use Planning	3	GEG 341	Environmental Planning	3
PSY 200QL	Statistics for Social & Behavioral Sciences	3	SPA 012	Elementary Spanish II	3
SPA 011	Elementary Spanish I (or other Mod. Lang.)	3	GE IV	College Distribution 5/5	3
GE IV	College Distribution 4/5	3		Minor Course 4/6	3
Total		15	Total		15
FOURTH YEAR					
Fall Semester			Spring Semester		
Course	Title	Credits	Course	Title	Credits
GEG	Track Course 2/2	3	GEG 380CTWI	Sr. Seminar in Geography	3
GEG	Category Requirement 2/2	3	GEG 394	Internship in Geography	3
GEG 375	Research Methods	3	SPA 104	Intermediate Spanish II	3
SPA 103	Intermediate Spanish I	3	GE II	University Distribution 3/3	3
	Minor Course 5/6	3		Minor Course 6/6	3
Total		15	Total		15

Four-Year Program Plan

ULASENVGE: BS Environmental Science - Geography Track version 2172					
FIRST YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
Course	Title	Credits	Course	Title	Credits
BIO 104	▲Principles of Biology	4	BIO 106	Zoology (or 108 Botany in Fall)	4
ENV 100	Introduction to Environmental Science	3	CHM 100	▲General Chemistry	4
GEG 010	▲Elements of Physical Geography	3	GEG	Track Course 1/7	3
MAT	▲106, 115, or 181 (4 credits)	3 / 4	GE I	Univ. Core 1/3	3
GE II	Univ. Dist. 1/2	3	GE II	Univ. Dist. 2/2	3
Total		16 / 17	Total		17
SECOND YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
Course	Title	Credits	Course	Title	Credits
CHM 102	▲General Chemistry II	4	ENV 220	Environmental Analysis (WI)	3
GEG 274	Intro. to Geographic Info. Systems (CP)	3	ENV 222	Environmental Biology (WI)	3
GEG	Track Course 2/7	3	GEG	Track Course 3/7	3
GEL 100	▲Physical Geology	4	GE I	Univ. Core 2/3	3
GE IV	College Dist. Humanities 1/3	3	GE IV	College Dist. Humanities 2/3	3
Total		17	Total		15
THIRD YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
Course	Title	Credits	Course	Title	Credits
CHM	204 or 214 Organic Chemistry	4	ENV 210	Environmental Geology	3
GEG	Track Course 4/7	3	GEG	Track Course 5/7	3
PSY 011	Introductory Psychology	3	PSY 200	Statistics for Social & Behavioral Sci.	3
GE II	Univ. Dist. Elective (WI)	3	GE I	Univ. Core 3/3	3
GE IV	College Dist. Elective 1/2 (CD)	3	GE IV	College Dist. Elective 2/2	3
Total		16	Total		15
FOURTH YEAR					
<i>Fall Semester</i>			<i>Spring Semester</i>		
Course	Title	Credits	Course	Title	Credits
GEG	Track Course 6/7 (VL)	3	ENV 380	Senior Seminar	2
GEG 375	Research Methods in Geography	3	GEG	Track Course 7/7	3
PHY 040	General Physics I	4	GEG 394	Internship in Geography	2 / 3
GE IV	College Dist. Humanities 3/3 (CT)	3	PHY 042	General Physics II	4
Total		13	Total		11 / 12
Note: ▲ Indicates a Directed Course in General Education. Such courses are required for the major, but are used to satisfy requirements of General Education. The units for these courses count only under General Education.			Required Thematic Courses: 3 Writing Intensive (WI) 1 Computer Intensive (CP) 1 Visual Literacy (VL) 1 Cultural Diversity (CD) 1 Critical Thinking (CT)		