

B.A. GEOGRAPHY / ENVIRONMENTAL TRACK (Academic Plan: ULASGEOEN)

| MAJOR PROGRAM: 42 S.H. | | |
|--|----|----|
| 1. Core Requirements: 18 S.H. | SH | GR |
| 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 380, Senior Seminar. | | |

| 2. Category Requirements: 6 S.H. One course from 2 of the following categories: | | |
|--|--|--|
| a. GEG (Cultural or Regional) | | |
| | | |
| b. GEG (Economic) | | |
| | | |
| c. GEG (Techniques) | | |
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CULTURAL GEOGRAPHY:

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|-------------|----------------------------|
| GEG 210 | Environmental Conservation |
| GEG 225CMCT | Spaces of Globalization |
| GEG 335 | Political Geography |
| GEG 338 | Geography of Population |

ECONOMIC GEOGRAPHY:

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|-------------|------------------------------------|
| 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 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. Environmental Track: 18 S.H. Select 5 of the following and GEG 394: | SH | GR |
| a. GEG 204/205 Meteorology/Lab | | |
| b. GEG 210 Environmental Conservation | | |
| c. GEG 212 Geography of Natural Hazards | | |
| d. GEG 304/305 Weather Analysis Lecture/Lab | | |
| e. GEG 322 Climatology | | |
| f. GEG 323 Global Warming... | | |
| g. GEG 333 Advanced GIS | | |
| h. GEG 341 Environmental Planning | | |
| i. GEG 347/348 Remote Sensing of the Env./Lab | | |
| j. GEG 394 Internship in Geography (required)† | | |
| † Requires 2.5 GPA or better in Geography. | | |

| ELECTIVES or MINOR: 18 S.H. | | |
|-----------------------------|----|----|
| | SH | GR |
| 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:

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|---------|--|
| 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 |

REGIONAL GEOGRAPHY:

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|---------|---------------------------------------|
| 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: 01/22/2018

Version: 2182

Check sheet revised 02/15/2017

STUDENT NAME: _____



ID # and REQUIREMENT TERM: _____

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

Academic Plan: **ULASGEOEN**

GENERAL EDUCATION

Effective Date: **08/29/2011 (Version: 2118)**

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 | | | |
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[#] 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