B.A. GEOGRAPHY / PLANNING TRACK (Academic Plan: ULASGEOPL)

| MAJOR PROGRAM: 42 S.H. | | | | | | | |
|--|-----------|----|--|--|--|--|--|
| 1. Core Requirements: 18 S.H. | <u>SH</u> | 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 categories: | |
| a. GEG (Cultural) | |
| | |
| b. GEG (Physical) | |
| | |
| c. GEG (Regional) | |
| | |

| MA | MAJOR PROGRAM (continued) | | | | | | | |
|-----|--|-------------------------------------|--|--|--|--|--|--|
| | 3. Planning Track: 18 S.H. Select 2 in addition to the required courses: | | | | | | | |
| a. | GEG 212 | Geography of Natural Hazards | | | | | | |
| b. | GEG 220 | Economic Geography | | | | | | |
| C. | GEG 335 | Political Geography | | | | | | |
| d. | INT 111 | International Environmental Issues | | | | | | |
| e. | GEG 310V | VI Urban Geography (required) | | | | | | |
| f. | GEG 341 | Environmental Planning (required) | | | | | | |
| g. | GEG 343 | Land Use Planning (required) | | | | | | |
| h. | GEG 394 | Internship in Geography (required)† | | | | | | |
| †Re | equires 2.5 | GPA or better in Geography. | | | | | | |

| | ECTIVES or MINOR: 18 S.H. tional Minor in Poli. Sci., or Pub. Admin. shown) | <u>SH</u> | <u>GR</u> |
|----|---|-----------|-----------|
| a. | POL 010 American Government | | |
| b. | POL 050 State & Local Government | | |
| C. | POL 115 Public Administration | | |
| d. | POL 135 Urban Politics | | |
| e. | POL 225 Planning and Decision-Making Theory | | |
| f. | POL 314 Administration of U.S. Env. Law | | |
| g. | POL 346 Public Budgeting & Fiscal Management | | |
| h. | POL 425 Public Policy Making | | |

Students are strongly encouraged to register for a Poli. Sci. or Pub. Admin. minor. Bolded courses are required of either minor.

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 |

*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



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

| Academic Plan: ULASGEOPL | | GEN | IER | ALI | EDUCATION Effective Date: 08/24 | /2015 | (Ver | sion: | 2158) |
|---|----------|-----|-----|-----|---|----------|---------|------------|----------|
| I. UNIVERSITY CORE (12 credits) | RC | CR | GR | | III. COMPETENCIES ACROSS THE CURRICULUM | RC | CD. | 6 D | 040 |
| A. Oral Communication: COM 10 or above | 1 | | | | A. Writing Intensive (WI) (9 credits) | | CR | GR | CAC |
| COURSE: | 3 | | | | COURSE: | 3 | | | WI |
| B. Written Communication: ENG 23, 24, or 25 | | | | _ | COURSE: | 3 | | | WI |
| COURSE: | 3 | | | | COURSE: GEG 380 CTWI Senior Seminar [‡] | 3 | | | WI |
| C.Mathematics: MAT 17 or above | | | | _ | B. Quantitative Literacy (QL) (3 credits) OR | | | | ••• |
| COURSE: | 3 | | | | Computer-Intensive (CP) (3 credits) | | | | |
| D.Wellness: Any 3-credit Wellness course | | | | _ | COURSE: GEG 274 CPQL Intro. to GIS [‡] | 3 | | | |
| COURSE: | 3 | | | | C. Visual Literacy (VL) (3 credits) OR Communication-Intensive (CM) (3 credits) | | | | |
| II. UNIVERSITY DISTRIBUTION (15 credits) | RC | CR | CP | CAC | COURSE: GEG 330 CPVL Cartography [‡] | 3 | | | |
| A. Natural Sciences: Any lab or non-lab course with prefix |] | CK | GK | CAC | D.Cultural Diversity (CD) (3 credits) | | | | |
| AST, BIO, CHM, ENV, GEL, MAR, NSE, or PHY; or certain GEG courses (see note at right) | | | | | COURSE: GEG 020 CD Cultural Geography [‡] | 3 | | | CD |
| COURSE: | 3 | | | | E.Critical Thinking (CT) (3 credits) | | • | | |
| 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: GEG 380 CTWI Senior Seminar [‡] | 3 | | | СТ |
| COURSE: | 3 | | | | A Competency Across the Curriculum (CAC) course is not rather an overlay that is "double counted" as fulfilling both to | | | | |
| C.Humanities: Any course with prefix ENG, HUM, PAG, PHI, WGS, WRI, or Modern Language | | l | I | | another requirement in either General Education (except for the major, or the minor. [‡] Suggested placement of required | or the U | Jnivers | ity Cor | |
| COURSE: | 3 | | | | RC = Minimum required number of credits | | | | |
| D.Arts: Any course with prefix ARC, ARH, ART, CDE, CDH, CFT, FAR, FAS, MUP, MUS, or THE | | | | | CR = Credits earned (fill in number of credits) GR = Grade earned (fill in letter grade) CAC = Competency Across the Curriculum (fill i | in desid | nnatior | 1) | |
| COURSE: | 3 | | | | , , | | | | |
| E.Free Elective: Any course carrying university credit | | | | | NOTE: GEG courses with a lab and 40, 322, and 323 ma 40, 204, 274, 304, 322, 323, 324, 347, 380, and 394 may | | | | |
| COURSE: | 3 | | | | | | | | |
| IV. COLLEGE DISTRIBUTION (33 credits) | RC | CR | GR | CAC | | | | | |
| A. Natural Science, Mathematics, and | | Oit | OIX | OAO | C. Humanities (6 credits): Choose one course in each | RC | CR | GR | CAC |
| Computer Science# (6 credits): Choose one course in each subcategory. | | | | | subcategory. | _ | | | |
| 1. Natural Science with Lab: AST, BIO, CHM, ENV, | | | | | 1. Elective: ENG, HUM, PAG*, or WRI | | | | 1 |
| GEL, MAR, or PHY; or GEG (see note at right) COURSE: | 3 | | | | COURSE: | 3 | | <u> </u> | |
| 2. Elective: AST, BIO, CHM, CSC, ENV, GEL, MAR, MAT, | 3 | | | | 2. Elective: (ARA, CHI, FRE, GER, MLS, SPA)* or PHI | <u> </u> | | | T |
| NSE, PHY; or GEG (see note at right) | <u> </u> | 1 | ı | | COURSE: | 3 | | | |
| COURSE: | 3 | | | | D. Modern Languages (6 credits) (103 or above) | <u> </u> | | | |
| B. Social Science (9 credits): Choose one course in each subcategory. | | | | | COURSE: | 3 | ļ | <u> </u> | <u> </u> |
| 1. Elective: ANT, GEG (see note at right), HIS, or POL | | | | | COURSE: | 3 | | <u> </u> | |
| COLIBEE | 2 | | | | E. Free Electives (6 credits): Choose any university | 1 | | | |

3

3

3

COURSE:

COURSE:

COURSE:

2. Elective: CRJ, PSY, SOC, or SWK

INT, POL, PSY, SOC, SSE, or SWK

3. Elective: ANT, CRJ, ECO, GEG (see note at right), HIS,

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.

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Check sheet revised: 08/21/2015

courses that count toward graduation.

COURSE:

COURSE:

[#] 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.

| | | FIRST | YEAR | | |
|--|--|-------------------------|---|--|-----------|
| | Fall Semester | 1 11(01 | | 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 | 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 |
| <u></u> | Free Elective 1/6 | 3 | <u> </u> | Free Elective 2/6 | 3 |
| Total | | 15 | Total | | 15 |
| | | SECON | D YEAR | | |
| | Fall Semester | 0_00. | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 | | |
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 |
| | | 15 | Total | | 15 |
| Total | | | | | |
| Total | | FOURT | H YEAR | | |
| Total | Fall Semester | | | Spring Semester | |
| Course | Title | FOURT | Course | Title | Credits |
| Course GEG | Title Category Requirement 2/2 | | Course GEG 380CTWI | Title Sr. Seminar in Geography | Credits 3 |
| Course GEG GEG 375 | Title Category Requirement 2/2 Research Methods | Credits 3 3 | Course GEG 380CTWI GEG 394 | Title Sr. Seminar in Geography Internship in Geography | 3 |
| Course GEG GEG 375 SPA 103 | Title Category Requirement 2/2 Research Methods Intermediate Spanish I | Credits 3 | Course GEG 380CTWI GEG 394 SPA 104 | Title Sr. Seminar in Geography Internship in Geography Intermediate Spanish II | 3 |
| Course GEG GEG 375 SPA 103 | Title Category Requirement 2/2 Research Methods | Credits 3 3 | Course GEG 380CTWI GEG 394 | Title Sr. Seminar in Geography Internship in Geography | 3 |
| Course GEG GEG 375 SPA 103 GE IV | Title Category Requirement 2/2 Research Methods Intermediate Spanish I | Credits 3 3 3 3 | Course GEG 380CTWI GEG 394 SPA 104 | Title Sr. Seminar in Geography Internship in Geography Intermediate Spanish II | 3 3 |

| | | 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 | 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 |
| | | SECON | D YEAR | | |
| | Fall Semester | 0_00 | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 | | |
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 |
| | | FOURT | H YEAR | | |
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 |
| | | 15 | | | |

| | | FIDST | YEAR | | |
|------------------|---|---------|-----------------|-----------------------------|---------|
| | Fall Semester | FIRST | ILAN | 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 | 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 |
| OL IV | Free Elective 1/6 | 3 | OL II | Free Elective 2/6 | 3 |
| Total | Free Elective 170 | 15 | Total | 1 Too Elective 270 | 15 |
| | | SECON | ID YEAR | | |
| | Fall Semester | SECON | IDIEAR | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 | GEI | University Core 3/3 | 3 |
| BIO 010 | Introduction to Biology (or above) | 3 | GE IV | College Distribution 2/5 | 3 |
| DIO 010 | Free Elective 3/6 | 3 | OL IV | Free Elective 4/6 | 3 |
| Total | THE ELECTIVE OF C | 15 | Total | TIGO EIGGRAG 470 | 15 |
| | | THIRD | YEAR | 1 | |
| | Fall Semester | TTIIKE | / ILAK | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 | Ŭ. | 15 | Total | - J | 15 |
| | | FOURT | H YEAR | | |
| Fall Semester | | | Spring Semester | | |
| Course | Title | Credits | Course | Title | Credits |
| GEG | Category Requirement 2/2 | 3 | GEG 380CTWI | Sr. Seminar in Geography | 3 |
| GEG 375 | Research Methods | 3 | GEG | Track Course 6/6 | 3 |
| | Intermediate Spanish I | 3 | SPA 104 | Intermediate Spanish II | 3 |
| SPA 103 | College Distribution 5/5 | 3 | GE II | University Distribution 3/3 | 3 |
| SPA 103 GE IV | | | | | |
| | Free Elective 5/6 | 3 | | Free Elective 6/6 | 3 |

| | | FIRST | YEAR | | |
|-------------|---|---------|-------------|-----------------------------|---------|
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 |
| | | | • | | |
| | | SECON | ID YEAR | | |
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 | | |
| | Fall Semester | 1 | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| | 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 |
| | | EOUDT | H YEAR | | |
| | Fall Semester | FOORT | HILAK | Spring Semester | |
| Course | Title | Credits | Course | Title | Credits |
| 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 |

| | | FIRST | YEAR | | |
|-------------|---|---------|-------------|---------------------------------|---------|
| | Fall Semester | 1 11(0) | | 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 |
| OL IV | Minor Course 1/6 | 3 | OL IV | Minor Course 2/6 | 3 |
| Total | Initial Course I/C | 15 | Total | Miller Godine 210 | 15 |
| | | SECON | D YEAR | | |
| | Fall Semester | SECON | | 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 | GEI | University Core 3/3 | 3 |
| GE IV | Minor Course 3/6 | 3 | GE II | University Distribution 2/3 | 3 |
| Total | Millor Course 3/6 | 15 | Total | University Distribution 2/3 | 15 |
| TOLAI | | 15 | TOLAT | | 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 |
| | | FOURT | H 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 |
| | | 3 | + | Minor Course 6/6 | 3 |
| | Minor Course 5/6 | 3 | | IIVIII OI COUISE 0/0 | J |

| | | FIRST | YEAR | | |
|---------|--|---------|---------|---|---------|
| | Fall Semester | 1 11(01 | ILAK | Spring Semester | |
| 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 |
| | | SECON | D YEAR | | |
| | Fall Semester | SECON | IDTEAK | Spring Semester | |
| 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 274 | 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 | Consign Production and the | 17 | Total | 0 0 10 90 2 10 11 10 11 10 11 10 27 0 | 15 |
| | | | • | • | |
| | | THIRD | YEAR | | |
| | Fall Semester | | | Spring Semester | |
| 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 |
| | | FOURT | H YEAR | | |
| | Fall Semester | | | Spring Semester | |
| Course | Title | Credits | Course | Title | Credit |
| 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 | | | Required Thematic Courses: | |
| | Education. Such courses are required for the | | | 3 Writing Intensive (WI) | |
| | major, but are used to satisfy requirements of | | | 1 Computer Intensive (CP) | |
| | General Education. The units for these | | | 1 Visual Literacy (VL) | |
| | courses count only under General Education. | | | 1 Cultural Diversity (CD) | |
| | councies countries, and control and additions | | | . Januaran 21101011 (02) | |