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| **B.S. Degree with a Major in Geography** |
| **2014-15** |
| **Concentration:** Human Geography |
| **Term/Year** | **Core Requirements** | **Hours** | **Term/Year** | **GEOG Major Requirements** | **Hours** |
|  | **Area A**  | **9** |  | **All of the following:** | **12-21** |
|  | ENGL 1101 |  |  | GEOG 1112 or 1113 |  |
|  | ENGL 1102 |  |  | GEOG 2503 |  |
|  | MATH 1113 |  |  | GEOG 2553 |  |
|  | **Area B**  | **4** |  | GEOG 3010 |  |
|  | B1  |  |  | GEOG 3253 |  |
|  | B2 |  |  | GEOG 3643 |  |
|  | **Area C**  | **6** |  | GEOG 4084 |  |
|  | C1  |  |  | **Three of the following:**  | **9** |
|  | C2 |  |  | GEOG 3085 |  |
|  | **Area D (Option II)**  | **11** |  | GEOG 3405 |  |
|  | D1 Lab Science |  |  | GEOG 3644 |  |
|  | D1 Lab Science |  |  | GEOG 4253 |  |
|  | D2  |  |  | GEOG 4500 |  |
|  | **Area E**  | **12** |  | GEOG 4643 |  |
|  | E1 HIST 1111 or 1112 |  |  | **Three GEOG 3000/4000**  | **9** |
|  | E2 HIST 2111 or 2112  |  |  | 1) |  |
|  | E3 POLS 1101 |  |  | 2)  |  |
|  | E4 |  |  | 3) |  |
|  | **Area F**  | **18** |  | **Minor and/or electives** | **21-30** |
|  | GEOG 1013  |  |  |  |  |
|  | GEOG 2083  |  |  |  |  |
|  | GEOG 2553  |  |  |  |  |
|  | MATH 2063 or 1634  |  |  |  |  |
|  | Lab Science 1 |  |  |  |  |
|  | Lab Science 2 |  |  |  |  |
|  | Additional courses |  |  |  |  |
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|  | **Core total** | **60** |  | **Major total** | **60** |

**B.S. Degree with a Major in Geography**

**2014-15**

**Concentration:** Human Geography

**Core Requirements 60**

**Core Areas A-E 42**

Area A must have MATH 1113

Area D must have Option II

**Area F 18**

GEOG 1013 World Geography

GEOG 2083 Introduction to Geographical Analysis

MATH 2063 Introductory Statistics OR MATH 1634 Calculus

Two Laboratory Science courses from Geography, Geology,

 Biology, Chemistry, or Physics

Additional courses as necessary

**Major Requirements 60**

**All of the following 12-21**

GEOG 1112 Weather & Climate OR GEOG 1113

 Landform Geography (if not taken in Areas D or F)

GEOG 2503 Cultural Geography (if not taken in Area E)

GEOG 2553 Introduction to GIS and Mapping Science

 (if not taken in Areas D or F)

GEOG 3010 Political Geography

GEOG 3253 Economic Geography

GEOG 2643 Urban Geography

GEOG 4084 Geography Senior Seminar

**Three of the following 9**

GEOG 4085 Selected Topics in Regional Geography

GEOG 3405 Geographies of Sustainability

GEOG 3644 Atlanta’s Geographies

GEOG 4253 Seminar in Economic Geography

GEOG 4500 Moral Geographies

GEOG 4643 Seminar in Urban Geography

**3000/4000 level hours from GEOG 9**

**Minor and/or electives 21-30**

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| **B.S. Degree in Geography** |
| **2014-15** |
| **Concentration:** Environmental Sustainability |
| **Term/Year** | **Core Requirements** | **Hours** | **Term/Year** | **GEOG Major Requirements** | **Hours** |
|  | **Area A**  | **9** |  | **All of the following:** | **18-24** |
|  | ENGL 1101 |  |  | GEOG 1112  |  |
|  | ENGL 1102 |  |  | GEOG 2505 |  |
|  | MATH 1113 |  |  | GEOG 2553 |  |
|  | **Area B**  | **4** |  | GEOG 3405 |  |
|  | B1  |  |  | GEOG 4086 |  |
|  | B2 |  |  | GEOG 4400 |  |
|  | **Area C**  | **6** |  | GEOG 4700 |  |
|  | C1  |  |  | GEOG 4084 |  |
|  | C2 |  |  | **Two of the following:**  | **6** |
|  | **Area D (Option II)**  | **11** |  | GEOG 3253 |  |
|  | D1 Lab Science |  |  | GEOG 3643 |  |
|  | D1 Lab Science |  |  | GEOG 3713 |  |
|  | D2  |  |  | GEOG 3800 |  |
|  | **Area E**  | **12** |  | GEOG 3900 |  |
|  | E1 HIST 1111 or 1112 |  |  | GEOG 4103 |  |
|  | E2 HIST 2111 or 2112  |  |  | GEOG 4500 |  |
|  | E3 POLS 1101 |  |  | GEOG 4900 |  |
|  | E4 |  |  | **Three approved courses**  | **9** |
|  | **Area F**  | **18** |  | 1) |  |
|  | GEOG 1013  |  |  | 2)  |  |
|  | GEOG 2083  |  |  | 3) |  |
|  | GEOG 2553  |  |  | **Minor and/or electives** | **21-27** |
|  | MATH 2063 or 1634  |  |  |  |  |
|  | Lab Science 1 |  |  |  |  |
|  | Lab Science 2 |  |  |  |  |
|  | Additional courses |  |  |  |  |
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|  | **Core total** | **60** |  | **Major total** | **60** |

**B.S. Degree with a Major in Geography**

**2014-15**

**Concentration:** Environmental Sustainability

**Core Requirements 60**

**Core Areas A-E 42**

Area A must have MATH 1113

Area D must have Option II

**Area F 18**

GEOG 1013 World Geography

GEOG 2083 Introduction to Geographical Analysis

MATH 2063 Introductory Statistics OR MATH 1634 Calculus

Two Laboratory Science courses from Geography, Geology,

 Biology, Chemistry, or Physics

Additional courses as necessary

**Major Requirements 60**

**All of the following 18-24**

GEOG 1112 Weather & Climate (if not taken in Areas D or F)

GEOG 2505 Human Impacts on the Environment

GEOG 2553 Introduction to GIS and Mapping Science

 (if not taken in Areas D or F)

GEOG 3405 Geographies of Sustainability

GEOG 4086 Internship

GEOG 4400 Energy & Sustainability

GEOG 4700 Global Environmental Change

GEOG 4084 Geography Senior Seminar

**Two of the following 6**

GEOG 3253 Economic Geography

GEOG 3643 Urban Geography

GEOG 3713 Meteorology

GEOG 3800 Biogeography

GEOG 3900 Ecological Climatology

GEOG 4103 Geography of Soils and Water

GEOG 4500 Moral Geographies

GEOG 4900 Dendrochronology

**3000/4000 level hours from approved courses 9**

**Minor and/or electives 21-27**

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| **B.S. Degree in Geography** |
| **2014-15** |
| **Concentration:** Physical Geography |
| **Term/Year** | **Core Requirements** | **Hours** | **Term/Year** | **GEOG Major Requirements** | **Hours** |
|  | **Area A**  | **9** |  | **All of the following:** | **3-14** |
|  | ENGL 1101 |  |  | GEOG 1112  |  |
|  | ENGL 1102 |  |  | GEOG 1112L |  |
|  | MATH 1113 |  |  | GEOG 1113 |  |
|  | **Area B**  | **4** |  | GEOG 1113L |  |
|  | B1  |  |  | GEOG 2553 |  |
|  | B2 |  |  | GEOG 4084 |  |
|  | **Area C**  | **6** |  | **Four of the following:**  | **12** |
|  | C1  |  |  | GEOG 3713 |  |
|  | C2 |  |  | GEOG 3723 |  |
|  | **Area D (Option II)**  | **11** |  | GEOG 3800 |  |
|  | D1 Lab Science |  |  | GEOG 3900 |  |
|  | D1 Lab Science |  |  | GEOG 4103 |  |
|  | D2  |  |  | GEOG 4400 |  |
|  | **Area E**  | **12** |  | GEOG 4700 |  |
|  | E1 HIST 1111 or 1112 |  |  | GEOG 4800 |  |
|  | E2 HIST 2111 or 2112  |  |  | GEOG 4900 |  |
|  | E3 POLS 1101 |  |  | GEOL 40003 |  |
|  | E4 |  |  | **Four GEOG 3000/4000** | **12** |
|  | **Area F**  | **18** |  | 1) |  |
|  | GEOG 1013  |  |  | 2)  |  |
|  | GEOG 2083  |  |  | 3) |  |
|  | GEOG 2553  |  |  | 4) |  |
|  | MATH 2063 or 1634  |  |  | **Minor and/or electives** | **22-33** |
|  | Lab Science 1 |  |  |  |  |
|  | Lab Science 2 |  |  |  |  |
|  | Additional courses |  |  |  |  |
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|  | **Core total** | **60** |  | **Major total** | **60** |

**B.S. Degree with a Major in Geography**

**2014-15**

**Concentration:** Physical Geography

**Core Requirements 60**

**Core Areas A-E 42**

Area A must have MATH 1113

Area D must have Option II

**Area F 18**

GEOG 1013 World Geography

GEOG 2083 Introduction to Geographical Analysis

MATH 2063 Introductory Statistics OR MATH 1634 Calculus

Two Laboratory Science courses from Geography, Geology,

 Biology, Chemistry, or Physics

Additional courses as necessary

**Major Requirements 60**

**All of the following 3-14**

GEOG 1112 Weather & Climate (if not taken in Areas D or F)

GEOG 1112L Weather & Climate Lab (if not taken in Areas D or F)

GEOG 1113 Landform Geography (if not taken in Areas D or F)

GEOG 1113L Landform Geography Lab (if not taken in Areas D or F)

GEOG 2553 Introduction to GIS and Mapping Science

 (if not taken in Areas D or F)

GEOG 4084 Geography Senior Seminar

**Four of the following 12**

GEOG 3713 Meteorology

GEOG 3723 Physiography in the United States

GEOG 3800 Biogeography

GEOG 3900 Ecological Climatology

GEOG 4103 Geography of Soils and Water

GEOG 4400 Energy and Sustainability

GEOG 4700 Global Environmental Change

GEOG 4800 Advanced Topics in Biogeography

GEOG 4900 Dendrochronology

**3000/4000 level hours from GEOG 12**

**Minor and/or electives 22-33**

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| **B.S. Degree in Geography** |
| **2014-15** |
| **Concentration:** Geographic Information Science |
| **Term/Year** | **Core Requirements** | **Hours** | **Term/Year** | **GEOG Major Requirements** | **Hours** |
|  | **Area A**  | **9** |  | **All of the following:** | **15-21** |
|  | ENGL 1101 |  |  | GEOG 1112 or 1113 |  |
|  | ENGL 1102 |  |  | GEOG 2553 |  |
|  | MATH 1113 |  |  | GEOG 3563 |  |
|  | **Area B**  | **4** |  | GEOG 4553 |  |
|  | B1  |  |  | GEOG 4554 |  |
|  | B2 |  |  | GEOG 4082 |  |
|  | **Area C**  | **6** |  | **Three of the following:**  | **12** |
|  | C1  |  |  | GEOG 4562 |  |
|  | C2 |  |  | GEOG 4564 |  |
|  | **Area D (Option II)**  | **11** |  | GEOG 4753 |  |
|  | D1 Lab Science |  |  | GEOG 4755 |  |
|  | D1 Lab Science |  |  | GEOG 4757 |  |
|  | D2  |  |  | GEOG 4893 |  |
|  | **Area E**  | **12** |  | **3000/4000 courses from** | **12** |
|  | E1 HIST 1111 or 1112 |  |  | **GEOG, GEOL, CS, POLS,** |  |
|  | E2 HIST 2111 or 2112  |  |  | **MGNT, CISM:** |  |
|  | E3 POLS 1101 |  |  | 1) |  |
|  | E4 |  |  | 2) |  |
|  | **Area F**  | **18** |  | 3) |  |
|  | GEOG 1013  |  |  | 4) |  |
|  | GEOG 2083  |  |  | **Minor and/or electives** | **15-21** |
|  | GEOG 2553  |  |  |  |  |
|  | MATH 2063 or 1634  |  |  |  |  |
|  | Lab Science 1 |  |  |  |  |
|  | Lab Science 2 |  |  |  |  |
|  | Additional courses |  |  |  |  |
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|  | **Core total** | **60** |  | **Major total** | **60** |

**B.S. Degree with a Major in Geography**

**2014-15**

**Concentration:** Geographic Information Science

**Core Requirements 60**

**Core Areas A-E 42**

Area A must have MATH 1113

Area D must have Option II

**Area F 18**

GEOG 1013 World Geography

GEOG 2083 Introduction to Geographical Analysis

MATH 2063 Introductory Statistics OR MATH 1634 Calculus

Two Laboratory Science courses from Geography, Geology,

 Biology, Chemistry, or Physics

Additional courses as necessary

**Major Requirements 60**

**All of the following 15-21**

GEOG 1112 Weather & Climate OR GEOG 1113

 Landform Geography (if not taken in Areas D or F)

GEOG 2553 Introduction to GIS and Mapping Science

 (if not taken in Areas D or F)

GEOG 3563 Introduction to Remote Sensing

GEOG 4553 Geographic Information Systems

GEOG 4554 Computer Cartography

GEOG 4084 Geography Senior Seminar

**Three of the following 12**

GEOG 4562 Airphoto Interpretation & Photgrammetry

GEOG 4564 Introduction to Image Processing

GEOG 4753 Advanced GIS & Spatial Analysis

GEOG 4755 GIS Database Design

GEOG 4757 Programming & Customization in GIS

GEOG 4893 Practicum in GIS

**3000/4000 level hours from GEOG, GEOL CS, POLS, 12**

 **MGNT, or CISM**

**Minor and/or electives 15-21**