

# B.S. in Geography (Revised 1 Apr 2008)

NAME \_\_\_\_\_ ADVISOR \_\_\_\_\_

E-MAIL \_\_\_\_\_ TELEPHONE \_\_\_\_\_

The B.S. requires a minimum of 61 credits, including 40-41 credits in GES courses plus 21-26 credits in courses from outside the department. Statistics courses taken outside of the department cannot be counted toward the minimum number of GES credits for the B.S. degree. Internship (GES 482, GES 483, GES 497, GES 498) and Independent Study (GES 491) do not count toward the minimum number of credits required for the B. A. degree.

## I. Required Courses [17 -18 credit hours]

- \_\_\_ GES 102 Human Geography [3]
- \_\_\_ GES 110 Physical Geography [3]
- \_\_\_ GES 286 Exploring the Environment: A Geo-Spatial Perspective [4]
- \_\_\_ GES 386 Introduction to GIS [4]
- \_\_\_ GES 301 Quantitative Techniques or STAT 121, 350, 351, or 355 (see #4 in GES electives) [3 – 4]

## II. GES Electives [minimum 24 credit hours, or 27 credits for students who substitute an outside statistics course for GES 301 - #4 below]

1. Four physical geography courses at 300 and/or 400 level (305 - 319, and 405 - 419). Selected topics courses (GES 302, GES 400) designated by faculty advisor as meeting the requirement can be counted. Either GES 111 or GES 120 can be used to fulfill this requirement, but not both. One course must be at the 400 Level. [12]

\_\_\_\_\_ (400 Level)

2. Two human geography courses at 300 and/or 400 level (320 - 369, and 420 - 469). Selected topics courses (GES 302, GES 400) designated by faculty advisor as meeting the requirement can be counted. [6]

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3. Two additional GES electives (one must be at 400 level). [6]

\_\_\_\_\_ (400 Level)

4. If the statistics course was taken outside of the department in place of GES 301 Quantitative Techniques, students need to take one additional GES course. [3]

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## III. Electives from outside of the department [21-26 credit hours]

1. Math requirement [4-6]

\_\_\_\_\_ MATH 151 [4] or

\_\_\_\_\_ MATH 140 [3] and \_\_\_\_\_ MATH 141 [3]

2. Two courses from: BIOL 100, CHEM 101, PHYS 111 or 121 [8]

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3. One course to complete a year of study in either Biology, Chemistry, Physics, or Math and Statistics to be selected from the following: BIOL 301, CHEM 102, PHYS 112, 122, MATH 152, 221, 225, or STAT 121, 350, 351, 355. GES 308 (Ecology) may be substituted for BIOL 301). [3-4]

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4. One additional elective from the above list with CMCS 103, 104, 106, and other major programming language courses including JAVA and VISUAL BASIC also on the list. [3-4]

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5. One 300 level writing course ENGL 383, 391, or 393; or one course (3-4 credits 300 or 400 level) within the department in a field supporting the student's major course of study in consultation with faculty advisor. [3-4]

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