

**ADVISING FORM, GEOGRAPHY (BA & BS)
2000-02 CATALOG**

PART I. REQUIREMENTS FOR GENERAL EDUCATION AND THE MAJOR

NAME _____ SSN _____

CATALOG _____ DEGREE _____ ADVISOR _____

EXPECTED GRADUATION _____

GENERAL EDUCATION (LOWER DIVISION)

- _____ ENGL 110C
- _____ ENGL 111C
- _____ Oral Communication (3 credits- GEOG 400W, 405W, 410W, 422W, 454W, or 480W)
- _____ CS 101D, 149D, IT 100D, 201D, or OTS 251D
- _____ STAT 130M
- _____ Foreign Language (BA: 202 proficiency in 1 lang. BS: High School degree before 31 Dec. 1985, or in HS 3 yrs. of 1, or 2 yrs of 2 languages; or 102 proficiency in 1 lang.)
- _____ Fine and Performing Arts Perspective (3 credits - ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, or THEA 241A)
- _____ History Perspective (6 credits: any two courses from HIST 101H (Asia), 102H (Europe), 103H (Latin Am.), or 104H (U.S.))
- _____ Literature Perspective (3 credits - ENGL 112L, 144L or FLET 100L)
- _____ Philosophy Perspective (3 credits - PHIL 110P, 120P or 150P)
- _____ Natural Science Perspective (8 credits of a sequence -
- _____ GEOL 110N-112N, 111N-112N or OCEN 106N-107N;
- _____ Technology or Natural Science (3 or 4 credits of an "N" course; GEOL 120K, 122K, 302K; or approved technology ["T"] course.
- _____ Social Science Perspective (6 credits in different subjects)

GENERAL EDUCATION (UPPER DIVISION)-CHOOSE ONE

- (1) A minor, 2nd degree, or major: _____
- (2) Focus Area Cluster: (9 credits) _____
(See Part II, #12, for an explanation)
- (3) International Certificate: (12 credits) _____
(This option is described in the catalog on pg. 47)

OTHER REQUIREMENTS:

- _____ Passing of the Writing Exit Examination
- _____ 120 Credit Hours Total
- _____ Completion of an Application to Graduate
- _____ Submission of a Capstone Paper

REQUIREMENTS FOR THE MAJOR: BA and BS Minimum Total = 36

MAJOR FOUNDATION REQUIREMENTS: (BA = 12 credits; BS = 15 credits)

- _____ GEOG 100S, or 126S (honors)
- _____ GEOG 101S
- _____ GEOG 300 (Required for teacher track only)
- _____ GEOG 308
- _____ GEOG 418 (BS only - may substitute GEOG 402, 404 sequence)
- _____ GEOG 400W, 405W, 410W, 422W or 480W (satisfies Oral Communication)

ADDITIONAL MAJOR REQUIREMENTS

- _____ C or higher in ENGL 111C (or PHIL 111C or HIST 111C)
- _____ C or higher in STAT 130M (BS)
- _____ Overall GPA of 2.0 or higher in all GEOG courses

ELECTIVES: A minimum of **24 credits (BA)** or **21 credits (BS)** of additional 300/400 level courses from the following emphasis areas: **(9 OF THESE CREDIT HOURS MUST BE AT THE 400 LEVEL.)**

1. Geographic Information Systems (GIS) Emphasis: (BS only)
twelve (12) credits minimum: GEOG 402, 404, CS 149D or IT 201D, and six (6) credits from GEOG 301, 419, 490, GEOL 340 or CET 413, or GEOG 368 = GIS Internship.

2. Urban Emphasis: twelve (12) credits minimum: GEOG 310U, 410W, and six (6) hours from GEOG 301, 306U, 368, 402, 411.

3. Environment and Resources Emphasis: twelve (12) credits minimum: GEOG 305U, 405W, and six (6) hours from GEOG 306U, 321U, 368, 420U, 422W, 451U, 452U, 453U, 454U, 455U.

4. Geography Teaching Emphasis: nineteen (19) credits

5. General (no emphasis): twelve (12) credits.

6. Additional 300/400 level courses in **any** area/subfield (to make up the 36 credit minimum)

ELECTIVES: A minimum of one approved writing-intensive course in Geography. (i.e., 400W, 405W, 410W, 422W, 480W.) These credits may overlap with those specified above.

OTHER REQUIREMENTS

- _____ Writing Exit Examination (eligible after 58 credits)
- _____ Testing Requirement in the Assessment of Academic Achievement
- _____ Submission of Capstone Paper
- _____ 120 Credit Hours Total
- _____ Application to Graduate

PART II. INFORMATION FOR GEOGRAPHY MAJORS

1. GENERAL EDUCATION - Specific information on courses for upper level requirements are in the 2000-02 catalog.
2. ENGL 111C (or PHIL 111C or HIST 111C): Grade of "C" is required for the BA and BS.
3. HIST 101H, 102H, 103H, or 104H
4. PHIL 110P, 120P or 150P
5. STAT 130M: Satisfies the requirement for the BS degree in Geography and the lower division general education requirement in math. A grade of "C" is required for students in the BS track.
6. FOREIGN LANGUAGE: The BS degree requires 6 credit hours in the same language; BA degree requires 12 credit hours in the same language. The BS requirement may be met by taking 3 years of 1 foreign language or 2 years each of 2 languages in high school. If the high school degree was earned prior to 31 December 1985, no credits are required for the BS degree.
7. CORE COURSES: Students should take GEOG 100S and GEOG 101S in their freshman or sophomore year. GEOG 308 should be taken in the sophomore or junior year (usually two sections are offered in the fall, and one in the spring). BS students should take GEOG 308 in the fall, and follow it with GEOG 418, which typically is offered only in the spring. (STAT 130M with a grade of C or better is a prerequisite for GEOG 418.)
8. Substitute courses in the BS program. Up to twelve (12) hours of certain geological science courses may substitute for geography electives. These courses are: GEOL 344W, 408U, 411, 415, 419, 420, 450, and 456.
9. TOPICS COURSES (395/396, 495/496): Depending on their content, these courses may be used to fulfill the requirements for courses in the various emphasis areas of political science. The advisor certifies, in writing, that the course counts for a given area.
10. PRACTICAOR INTERNSHIPS: Three credits for an approved practicum may count towards the 36 hours of geography regardless of emphasis.

11. HONORS IN GEOGRAPHY (BA or BS): Students must meet the minimum standards of the honors program, including the overall GPA of 3.25. Students wishing honors designation in the major for geography must fulfill all requirements for the given degree, BA or BS, and in addition, they must do the following (this does not increase the number of hours required for the major):
1. Attain a GPA of 3.3 in the major.
 2. Earn honors in 9 hours of courses in the major at the 300/400 level, with no more than six hours taken from the same instructor.
12. FOCUS AREA CLUSTERS: 9 hours of 300/400-level courses designated as a cluster. 3 credits in a GEOG course in a cluster can be counted towards the major. At least one cluster course taken must be a Writing Intensive (W) course.

Part III. OPTIONAL CERTIFICATE IN REMOTE SENSING FOR COASTAL ENVIRONMENTAL ANALYSIS GPA 3.0 (no grade less than C will count)

CORE COURSES

____ GEOG 404
 ____ OCEN 414

ELECTIVE
 (1 course from:)

____ GEOG 422W
 ____ GEOG 490
 ____ GEOG 497
 ____ OCEN 432
 ____ OCEN 436

CERTIFICATE
 SEMINAR

____ GEOG 419

GEOGRAPHY COURSES

GEOG100S	Cultural Geography
GEOG101S	Environmental Geography
GEOG126S	Honors: Cultural Geography
GEOG 250	World Regional Geography
GEOG 300	Maps and Geographic Information
GEOG 301	Cartography
GEOG 305U	World Resources
GEOG 306U	Hazards: Natural and Technological
GEOG 308	Research Design
GEOG 310U	Geography of the City
GEOG 320	Political Geography
GEOG 321U	World Economic Geography
GEOG 325U	Ethnic Minorities
GEOG 330	Field Methods
GEOG 350U	Geography in the United States and Canada
GEOG 355	Topics in Regional Geography
GEOG 367	Cooperative Education
GEOG 368	Internship in Geography
GEOG 395, 396	Topics in Geography
GEOG 400W/500	Seminar in Geography
GEOG 402/502	Geographic Information Systems
GEOG 404/504	Digital Techniques for Remote Sensing
GEOG 405W/505	Seminar in International Resource Management
GEOG 410W/510	Seminar in Urban Geography
GEOG 411/511	Urban and Regional Planning
GEOG 418	Quantitative Methods
GEOG 419/519	Spatial Analysis of Coastal Environments
GEOG 420U/520	Marine Geography
GEOG 422W/522	Coastal Geography
GEOG 430U/530	Women in the Developing World
GEOG 451U/551	Europe
GEOG 452U/552	Africa
GEOG 453U/553	Asia
GEOG 454U/554	Latin America
GEOG 455U/555	The Middle East
GEOG 458/558	Geography of Virginia
GEOG 460	Geography of Wine
GEOG 480W	Senior Seminar in International Studies
GEOG 490/590	Applied Cartography/GIS
GEOG 495/595	Topics in Geography
GEOG 496/596	Topics in Geography
GEOG 497/597	Independent Research in Geography
GEOG 499W	Senior Thesis

REV. SPRING 2002