

**Geography Major Checksheet**  
**CULTURE, REGIONS, AND INTERNATIONAL DEVELOPMENT OPTION**  
(For students graduating in calendar year 2009)

**Bachelor of Arts in Geography - College of Natural Resources**

Student \_\_\_\_\_  
Advisor \_\_\_\_\_

Required hours in Geography: Minimum of 30 plus 6 hours of approved electives plus STAT 3604 (39 hours). Minimum number of hours for degree is 120.

**Major Requirements**

**Fundamentals in Geography: 12 credit hours**

1. 1004: Human Geography \_\_\_\_\_
2. 1014: World Regions \_\_\_\_\_
3. 1104: Physical Geography \_\_\_\_\_
4. 2314: Maps and Mapping \_\_\_\_\_

**Geospatial and Environmental Analysis: 3 credit hours from the following**

1. \_\_\_\_\_

- 3314: Cartography
- 3404: Mountain Geography
- 4084: Introduction to GIS
- 3114: Intro. Meteorology  
(cross-listed with GEOS)
- 3304: Geomorphology  
(cross-listed with CSES and GEOS)
- 4044: Biogeography (cross-listed with BIOL)
- 4354: Introduction to Remote Sensing

**Geography and Cognate Electives: 6 credit hours; at least 3 credits at the 3000-4000 level**

1. GEOG elective \_\_\_\_\_

2. GEOG elective or cognate elective from the following

\_\_\_\_\_

- FIW 4464: Human Dimensions of Fisheries and Wildlife (Pre: FIW 2114)
- FOR 4114: Information Technologies for Natural Resources (Pre: GEOG 2314)
- FOR 2554 (LAR 2554): Nature & American Values
- NR 4984: Global Seminar-Environment and Sustainable Systems
- WOOD 3334 Non-Timber Forest Products
- WOOD 3784: World Forests and Forest Products

**Culture, Regions, and International Development: 15 credit hours from the following; at least 9 credits at the 3000-4000 level**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

SPIA 2004 Computer Applications in Social Science Research

- 2034: Geography of Global Conflict (Core Area 7)
- 2054: Introduction to World Politics (Core Areas 3, 7) (cross-listed with PSCI and IS)
- 2064: The Global Economy and World Politics (Core Areas 3, 7) (cross-listed with PSCI and IS)
- 2134: Geography of Global Economy (Core Area 7)
- 3104: Environmental Problems, Population, and Development (Core Area 7)
- 3204: Geography of Middle America
- 3244: The U.S. City
- 3464: Appalachian Communities (cross-listed with HUM, EDHL FCD, SOC and UAP)
- 4054: Geography of Wine
- 4074: Medical Geography (Core Area 7)
- 4204: Geography of Resources (Core Area 7)
- 4244: Geography of Europe
- 4764: International Development (Core Area 7) (cross-listed with UAP and SOC)

**Statistics: 3 credit hours**

STAT 3604: Stat for Social Sciences

NOTE: The overall and in-major GPA required for graduation is 2.0. To make satisfactory progress towards the Geography degree, upon completion of 60 hours, students must have completed 15 hours in Geography. Courses for in-major GPA computation include all GEOG courses, approved cognate electives, and SPIA 2004.

## Curriculum for Liberal Education Requirements

### Area 1: Writing and Discourse (6 to 12 credit hours depending on placement)

ENGL 1105 \_\_\_\_\_ or COMM 1015 \_\_\_\_\_  
 ENGL 1106 \_\_\_\_\_ COMM 1016 \_\_\_\_\_  
 or ENGL H1204 \_\_\_\_\_ Or advanced placement

**AND** 6 credits in writing intensive classes:

At least one Writing Intensive Course in Major GEOG 3224 \_\_\_\_\_ or GEOG 3234 \_\_\_\_\_

One other Writing Intensive Course (may be in the major) \_\_\_\_\_

### Area 2: Ideas, Cultural Traditions, and Values (6 credit hours)

Approved core courses \_\_\_\_\_

### Area 3: Society and Human Behavior (6 credit hours)

Geography major covers this area

### Area 4: Scientific Reasoning and Discovery (8 credit hours)

6 credit hours of lecture (2 approved courses) \_\_\_\_\_

2 credit hours of related laboratory (2 approved labs) \_\_\_\_\_

### Area 5: Quantitative and Symbolic Reasoning (6 credit hours)

Approved mathematics sequence (Approved mathematics sequence includes Math 1016/Math 2015).

### Area 6: Creativity and Aesthetic Experience (1 credit hour)

Approved core course \_\_\_\_\_

### Area 7: Critical Issues in a Global Context (3 credit hours)

Geography major covers this area

**Foreign Language:** A sequence of two (2) foreign language courses is required for graduation unless two (2) high school credits of the same foreign language or six (6) transfer credit hours of foreign language have been earned. These credits do not count toward graduation. See catalog section on “Graduation Requirements.”

### Visual Expression, Writing and Speaking :ViEWS Requirement Requirements in Geography<sup>1</sup>

(A) Writing Communication(select two)	(B) Visual Communication	(C) Oral Communication(select one)
<b>GEOG 2134:</b> Geography of the Global Economy <b>GEOG 3204:</b> Geography of Middle America <b>GEOG 3244:</b> The U.S. City <b>GEOG 3304:</b> Geomorphology <b>GEOG 3404:</b> Mountain Geography <b>GEOG 3464:</b> Appalachian Communities <b>GEOG 4044:</b> Biogeography <b>GEOG 4054:</b> Geography of Wine <b>GEOG 4074:</b> Medical Geography <b>GEOG 4204:</b> Geography of Resources <b>GEOG 4244:</b> Geography of Europe <b>GEOG 4404:</b> Approaches for International Development	<b>GEOG 2314:</b> Maps and Mapping (Required for all majors)	<b>GEOG 3104:</b> Environmental Problems, Population, and Development <b>GEOG 3314:</b> Cartography <b>GEOG 4044:</b> Biogeography <b>GEOG 4074:</b> Medical Geography <b>GEOG 4314:</b> Spatial Analysis in GIS <b>GEOG 4324:</b> Algorithms in GIS <b>GEOG 4354:</b> Intro. to Remote Sensing <b>GEOG 4384:</b> ArcInfo GIS

**For more information about the Geography major and careers contact:**

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<sup>1</sup> Students who entered Virginia Tech prior to the fall of 2005 will have to meet the writing intensive requirements instead of the ViEWS requirement even if they graduate after 2008. Please see your advisor to handle this.