

College of Natural Resources and Environment
Department of Geography - Bachelor of Arts in Geography
Option in--CULTURE, REGIONS, AND INTERNATIONAL DEVELOPMENT
Geography Major Checksheet
(For students graduating in calendar year 2016)

Student _____
Email _____

Geography or Cognate Electives:
Select 6 credit hours -- at least 3 credits at the 3000-4000 level

Core Requirements

Fundamentals: 12 credit hours

1. GEOG 1004: Human Geography (3) _____
2. GEOG 1014: World Regions (3) _____
3. GEOG 1104: Physical Geography (3) _____
4. GEOG 2314: Maps and Mapping (3) _____

1. any GEOG elective (3) _____

2. any GEOG elective or cognate elective from the following (3)

Culture, Regions, and International Development:

Select 15 credit hours from the following--
at least 9 credits at the 3000-4000 level

1. _____
2. _____
3. _____
4. _____
5. _____

- CS 1064: Introduction to Python
- ENGL 3764: Technical Writing (3)
- FOR 2114: Ecology of Appalachian Forests (3)
- FOR 2124: Forests, Society, and Climate (3)
- FOR 2214: Intro. to Land and Field Measurements (3)
- FOR 2554 (LAR 2554): Nature & American Values (3)
- FOR 4114: Information Technologies for Natural Resources Management (3) (Pre: GEOG 2314)
- FOR 4214 Forest Photogrammetry (3)
- NR 4444 Practicing Sustainability
- SBIO/FOR 2784: Global Forest Sustainability (3)

- PSCI 1004: Nations and Nationalities (3)
- GEOG 1115: Seeking Sustainability (3)
- GEOG 1116: Seeking Sustainability (3)
- GEOG 2034: Geography of Global Conflict (3)
- GEOG 2054: Introduction to World Politics (3)
- GEOG 2064: The Global Economy and World Politics (3)
- GEOG 2214: Geography of North America (3)
- GEOG 3104: Environmental Probs., Population, and Dev. (3)
- GEOG 3214: Geography of African Development (3)
- GEOG 3224: Geography of Appalachia (3)
- GEOG 3244: The U.S. City (3)
- GEOG 3254: The Geography of East Asia (3)
- GEOG 3464: Appalachian Communities (3)
- GEOG 4054: Geography of Wine (3)
- GEOG 4074: Medical Geography (3)
- GEOG 4204: Geography of Resources (3)
- GEOG 4764: International Devo Policy and Planning (3)

Statistics: 3 credit hours

STAT 2004: Intro to Statistics*
Or
STAT 3604: Statistics for the Social Sciences (3) _____
(other STAT classes will be considered on a case-by-case basis)

Geospatial and Environmental Analysis:

Select at least 5 credits-at least 3 credits of 3000-4000 level

1. _____
2. _____

GEOG Field Experience:

Select at least 3 credit hours from _____

1. XXXX 3954 or equivalent non-VT transfer credit from a foreign university: Study Abroad _____
2. GEOG 2964 or 4964: Field Study (Internship or Service Learning): _____
3. GEOG 2994 or 4994: Undergraduate Research _____

- GEOG 2505: Weather Analysis I (3)
- GEOG 2804: Principles of Geographic Information Systems (2)
- GEOG 3114: Introduction to Meteorology (3)
- GEOG 3304: Geomorphology (3)
- GEOG 3314: Cartography (3)
- GEOG 3404: Mountain Geography (3)
- GEOG 4044: Biogeography (3)
- GEOG 4084: Introduction to GIS (3)
- GEOG 4354: Introduction to Remote Sensing (3)
- GEOG 4374: Remote Sensing and Phenology (3)
- GEOG 4394: Web Mapping (3)

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, and approved cognate electives.

Required minimum hours in Geography is 44. Minimum number of hours for the degree is 120.

*accepted via transfer or AP transfer credit only. Cannot be taken at Virginia Tech.

Curriculum for Liberal Education (CLE) Requirements (36 hours)

For approved Curriculum for Liberal Education course listings see: <http://www.cle.prov.vt.edu/guides/index.html>

Area 1: Writing and Discourse (0 to 6 credit hours)

ENGL 1105 _____
ENGL 1106 _____
or ENGL H1204 _____

or COMM 1015 _____
COMM 1016 _____
Or advanced placement

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

Approved CLE courses _____

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

Geography major covers this area

Area 4: Scientific Reasoning and Discovery (8 credit hours) (courses do not need to be in the same field)

3 credit hours of lecture _____ 1 credit lab _____

3 credit hours of lecture _____ 1 credit lab _____

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 CLE 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."

Free Electives:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

There are no hidden prerequisites on this checksheet

For more information about the BA in geography and geography careers contact:

Maureen Deisinger, academic adviser at 231-6886 (mdeising@vt.edu). Another resource for information is Bill Carstensen, department head at 231-7557 (carstens@vt.edu)

NOTE: GEOG students planning to double major in Meteorology, must complete at least 12 hours of GEOG coursework that is not used to complete their GEOG major. In addition, students must complete two distinct 3 credit field experiences for a total of 15 non-duplicative credits.