

College of Natural Resources and Environment
Department of Geography - Bachelor of Arts in Geography
Major: Geography
(For students graduating in calendar year 2018)

Student _____

Email _____

Geography Core Requirements (21)

Fundamentals: 9 credit hours required

- GEOG 1004: Introduction to Human Geography (3) _____
- GEOG 1014: Introduction World Regions (3) _____
- GEOG 1104: Introduction to Physical Geography (3) _____

Mapping and GI Science: 12 cr. hours required

- GEOG 1084: Digital Planet (3) _____
- GEOG 2084: Principles of GIS (3) _____
- GEOG 2314: Maps and Mapping (3) _____
- GEOG 3314: Cartography (3) _____

**Major Requirements: 18 credit hours required-
with at least 12 credits at the 3000-4000 level**

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

- GEOG 1115: Seeking Sustainability (3)
- GEOG 1116: Seeking Sustainability (3) Pre: 1115
- GEOG 2004: Introduction to Water Resources and Environmental Issues (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 2505: Weather Analysis I (3)
- GEOG 3104: Environmental Problems, Population, and Development (3)
- GEOG 3114: Introduction to Meteorology (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 3274: Geography of Arctic and Subarctic Environments (3)
- GEOG 3304: Geomorphology (3) (Pre: 1104 or 1004 or 2104)
- GEOG 3404: Mountain Geography (3) (Pre: 1104)
- GEOG 3464: Appalachian Communities (3)
- GEOG 4044: Biogeography (3) (Pre: 1104)
- GEOG 4054: Geography of Wine (3)
- GEOG 4074: Medical Geography (3)
- GEOG 4084: Modeling in GIS (3) (Pre: 2084)
- GEOG 4204: Geography of Resources (3)
- GEOG 4354: Introduction to Remote Sensing (3)
- GEOG 4764: Development Policy and Planning (3)

Geography or Cognate Elective: 3 credit hours required

1. _____
- 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: Nature & American Values (3)
- FOR 3104: Principles of Watershed Hydrology (3) (Pre: Math 1226)
- FOR 4374: Forested Wetlands (3) (Pre: CSES 3114 or 3134)
- GEOS 1034: Earth's Natural Hazards (3)
- GEOS 3014: Environmental Geosciences (3) (Pre: Math 1226, GEOG 1004, Phys 2305)
- GEOS 3034: Oceanography (3) (Pre: Math 1226)
- PSCI 1004: Nations and Nationalities (3)
- SBIO/FOR 2784: Global Forest Sustainability (3)
- SBIO 3324: Green Building Systems (3)
- STAT 3615: Biological Statistics (3)

**Statistics: 3 credit hours required
(stat 3616 recommended if GIS minor)**

- STAT 2004: Introduction to Statistics (3) (Pre: MATH 1014) _____
- STAT 3604: Statistics for the Social Sciences (3) (Pre: MATH 1014) _____
- STAT 3616: Biological Statistics (3) (Pre: 3615) _____

GEOG Field Experience: 3 credit hours required

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 _____

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 the major is 48. Minimum number of hours for the degree is 120.

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 (6 credit hours)

ENGL 1105 _____
ENGL 1106 _____
or ENGL H1204 _____

or COMM 1015 _____
COMM 1016 _____

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 with completion of GEOG 1004 and 1014

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

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 (see adviser)

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 with completion of GEOG 1014

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 being used to complete either major. In addition, students must complete two distinct 3 credit field experiences that apply to each major for a total of 15 additional credits.