

# Bachelor of Arts and Bachelor of Science-Geography Major

2008-2009 Old Dominion University Catalog

(Including Licensure in Social Sciences)

Students earning the AS, AA, or AA&S (or university parallel) degree from a Virginia Community College automatically satisfy the lower division general education requirements. **General Education courses marked with \* require a grade of C or better to transfer. The remaining lower division courses are automatically satisfied by the AS (including foreign language), regardless of the grade earned.** Additionally, courses in which a grade of C- or below were earned will not transfer. Therefore Community College degree holders who meet the General Education requirements may require additional credits to meet the 120 credit hour graduation minimum. (AS=Associate degree)

Entrance Writing Sample Placement Test: \_\_\_\_\_

## LOWER DIVISION GENERAL EDUCATION

### A. Skills

#### VCCS Equivalent

Written Communication \_\_\_\_\_ 3 Eng 111\*

(Grade of C required in \_\_\_\_\_ 3 Eng 112\*

ENGL 110C and ENGL 111C before declaring major)

Oral Communication \_\_\_\_\_ 3 \_\_\_\_\_

(Satisfied in the major)

Mathematics \_\_\_\_\_ 3 Select 1 course from [Transfer](#)

(BS students must earn C- or better in STAT 130M\*) [guide](#)

MATH 101M, 102M, 162M, or STAT 130M

Foreign Language Skills \_\_\_\_\_ 0-12 \_\_\_\_\_

(BS students' competence must be at the 102 level. BA students must have competence through the 202 level\*--Competence requirement not automatically met by associate degree.)

Computer Skills \_\_\_\_\_ 3 Select 1 course from [Transfer](#)

requires CS 101D or 149D\*; GIS requires CS149D\* [guide](#)

### B. Perspectives

Fine and Performing Arts \_\_\_\_\_ 3 Select 1 course from

[Transfer guide](#)

ARTH 121A, ARTS 122A, COMM/THEA 270A, MUSC 264A,

DANC 185A, THEA 241A

History \_\_\_\_\_ 3 Select 2 courses from

HIST 101H, 102H, 103H, \_\_\_\_\_ 3 [Transfer guide](#)

104H or 105H

Literature \_\_\_\_\_ 3 Select 1 course from

ENGL 112L, 144L, or FLET 100L [Transfer guide](#)

Philosophy \_\_\_\_\_ 3 Select 1 course from

PHIL 110P, 120P, or 150P [Transfer guide](#)

### Natural Science and Technology

Eight credit hours of Natural Science with labs in sequence. Additionally, 3-4 Natural Science or Technology are required. OEAS 111N-OEAS 112N\* or OEAS 106N-OEAS 107N\* are required. If different natural science sequence is selected, student must take one of those listed or OEAS 405 or 436. (Technology may be satisfied by GEOG 306T if selected as a major course)

[See transfer guide.](#)

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Social Science \_\_\_\_\_ 3 \_\_\_\_\_

\_\_\_\_\_ 3 \_\_\_\_\_

(BS requires additional 6 hours of social science)

\_\_\_\_\_ 3 Select 2 courses from

\_\_\_\_\_ 3 [Transfer guide](#)

ANTR 110S; COMM 200S; CRJS 215S; ECON 200S, 201S, 202S; POLS 100S, 101S; PSYC 201S, 203S; SOC 201S; WMST 201S (GEOG 100S and 101S cannot be used to satisfy this requirement.)

\_\_\_\_\_ 3 \_\_\_\_\_

NAME: \_\_\_\_\_

UIN: \_\_\_\_\_

TELEPHONE: \_\_\_\_\_

### Foundation courses (12-18 hours)

GEOG 100S Cultural Geography \_\_\_\_\_ 3 [GEO 210\\*](#)

GEOG 101S Environmental Geog \_\_\_\_\_ 3 [GEO 200\\*](#)

GEOG 300 Maps and Geo Info \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 308 Research Design \_\_\_\_\_ 3 \_\_\_\_\_

(B.S. requires C- or better)

GEOG 418 Quant Meth (BS only), \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 402 and 404 may be substituted)

GEOG 400W, 405W, 410W, 422W, \_\_\_\_\_ 3 \_\_\_\_\_ MATH 102

454W OR 480W (satisfies Oral Communication)

### GEOGRAPHY 300-400 level electives (BA 21 hours, BS, 18 hours) At

least nine credit hours must be taken at the 400 level. Those wishing to pursue a physical geography emphasis may substitute certain geological science courses (OEAS 330, 340, 344W, 408, 411, 442, 446, and 450) for up to 12 hours of geography credit. Three hours of internship count toward the 36 hours of geography courses. All majors must complete a capstone paper in the junior or senior year.

### General Program

GEOG 300-400 electives (BA only) \_\_\_\_\_ 12 \_\_\_\_\_

GEOG 300-400 electives (BS only) \_\_\_\_\_ 9 \_\_\_\_\_

GEOG 400 electives \_\_\_\_\_ 9 \_\_\_\_\_

### URBAN EMPHASIS:

GEOG 310 Geog of the City \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 410W Sem Urban Geog \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 300-400 electives \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 320 \_\_\_\_\_ 3 [GEO 230\\*](#)

Choose two courses from: \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 301, 306T, 321, 368, 402, \_\_\_\_\_ 3 \_\_\_\_\_

411, or 412

### ENVIRONMENT and RESOURCES EMPHASIS:

GEOG 305 World Resources \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 405W Intl Resource Mgmt \_\_\_\_\_ 3 \_\_\_\_\_

Choose two courses from: \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 306T, 321, 368, 401, \_\_\_\_\_ 3 \_\_\_\_\_

420, 422W, 451, 452, 453, 454W, 455 choose from approved study abroad options

### GEOGRAPHIC INFORMATION SYSTEMS EMPHASIS (BS ONLY)

GEOG 402 \_\_\_\_\_ 3 \_\_\_\_\_

GEOG 404 \_\_\_\_\_ 3 \_\_\_\_\_

CS 149D \_\_\_\_\_ 3 [CSC 130, 200 or](#)

[EGR 125 or](#)

[ITP 120,130,132,136 or](#)

[156,230,232,236\\*](#)

(satisfies Computer Skills Lower Division General Education)

Choose two courses from: \_\_\_\_\_3 \_\_\_\_\_

GEOG 301, 419, 432, 490, \_\_\_\_\_3 \_\_\_\_\_

OEAS 340, CET411 or 413

**UPPER DIVISION GENERAL EDUCATION**

Option A. Approved Minor, 12-24 hours; also second degree or second major. (Satisfied by the professional education core for social sciences teaching emphasis.)

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Option B. Cluster, 9 hours (3 hours may be in the major area of study.)

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Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, 120 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment for non-teacher education tracks.