

## Requirements for a BS in Environmental Sciences Planning/Advising Checklist

**Related Work** = one semester each of the three basic sciences—chemistry, biology, and physics with labs; two semesters of calculus; two additional courses in math (stats)/science.

Science (one semester of each science is required).

\_\_\_\_\_ BIOL 2100 Introduction to Biology: Cell Biology and Genetics (offered in fall semester only) or BIOL 2200: Organismal & Evolutionary Biology (offered in spring semester only)

\_\_\_\_\_ } CHEM 1410 Introductory College Chemistry – Part 1. Offered in fall semester only.

\_\_\_\_\_ } CHEM 1411 (lab for CHEM 1410 lecture). Offered in fall semester only.

\_\_\_\_\_ } PHYS 1425 General Physics 1. Offered every semester.

\_\_\_\_\_ } PHYS 1429 (lab for PHYS 1425). Offered every semester.

Math (two semesters are required).

\_\_\_\_\_ MATH 1310 Calculus I (we will not accept MATH 1210). Offered every semester.

\_\_\_\_\_ MATH 1220 or 1320 Applied Calculus II or Calculus II. (We recommend MATH 1220 unless pursuing Calculus III or a MATH minor or dual major). Offered every semester.

Two additional math/science courses, one of which has to be a science course with its lab.

\_\_\_\_\_ Science 1 with lab = \_\_\_\_\_

\_\_\_\_\_ Math/Stats/Science 2 = \_\_\_\_\_

(Note that Part 2 of chemistry and biology is only offered in the spring semester.)

**Core Classes in EVSC** for total of 16 credits. The core courses are offered every semester.

\_\_\_\_\_ } EVSC 2800 Fundamentals of Geology

\_\_\_\_\_ } EVSC 2801 (lab for EVSC 2800 lecture)

\_\_\_\_\_ } EVSC 3200 Fundamentals of Ecology

\_\_\_\_\_ } EVSC 3201 (lab for EVSC 3200 lecture)

\_\_\_\_\_ } EVSC 3300 Atmosphere and Weather

\_\_\_\_\_ } EVSC 3301 (lab for EVSC 3300 lecture)

\_\_\_\_\_ } EVSC 3600 Physical Hydrology

\_\_\_\_\_ } EVSC 3601 (lab for EVSC 3600 lecture)

### **Additional 24 credits in EVSC**

Three of these credits may be counted from non-core 1000- or 2000-level EVSC courses if taken prior to declaring the major. One course must be a lab course, but GIS or other purely computer-based labs do not count.

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

\_\_\_\_\_ (course name) \_\_\_\_\_ Credits = \_\_\_\_\_

Total credits = \_\_\_\_\_

*Note:* Only graded (A, B, etc.) UVA courses count toward the major. Courses recorded as Satisfactory/Unsatisfactory or Credit/No Credit don't count toward the major.

*Note:* In completing a double major, up to two courses can be double counted, except in the unusual case of one major being one of the listed interdisciplinary majors that allow 3 courses to double count. No double counting is permitted toward the completion of a minor.