**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 include an analytical lab from an approved list (see: [https://evsc.as.virginia.edu/bs-lab-requirement](https://evsc.as.virginia.edu/bs-lab-requirement))

- ____ (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.