Environmental Science

Track Electives:
Students must choose 9 hours from one of the 7 track options below:

1. Biological/Ecological Sciences
2. Chemical Sciences
3. Earth and Atmospheric Sciences
4. Geography/Geographic Information Systems
5. Environmental Planning and Management
6. Mathematics and Computer Science
7. Premedical

Track 1: Biological/Ecological Sciences
Must be courses offered in the following departments: Biology (BIOL) or Microbiology and Plant Biology (MBIO and PBIO). One biological sciences related course may be chosen from another department, if approved by the student’s faculty advisor. **At least six credit hours must be upper division (3000-level or higher).**

Track 2: Chemical Sciences
Must be courses offered in the following departments: Chemistry & Biochemistry (CHEM). One chemistry related course may be chosen from another department, if approved by the student’s faculty advisor. **At least six credit hours must be upper division (3000-level or higher).**

Track 3: Earth and Atmospheric Sciences
Must be courses chosen from the following departments: Geology and Geophysics (GEOL) or Meteorology (METR). One earth or atmospheric science related course may be chosen from another department, if approved by the student’s faculty advisor. **At least 3 credit hours must be upper division (3000-level or higher).**

Track 4: Geography/Geographic Information Systems
Must be courses chosen from the following departments: Geography and Environmental Sustainability (GEOG or GIS). One related course may be chosen from another department, if approved by the student’s faculty advisor. **At least 6 hours must be upper division (3000-level or higher).**

Track 5: Environmental Planning and Management
Must be courses from the following list: ECON1123, ECON3213, PSC3233, IPE3213, GEOG3233, PHIL3293, RCPL4003, COMM1113, COMM3483, COMM3513, COMM4513, and ENGR4513 (semester offerings vary). Other courses may be chosen from these or related departments, if approved by the student’s faculty advisor. **At least 6 hours must be upper division (3000-level or higher).**

Track 6: Mathematics and Computer Science
Must be courses from the following list: MATH2934, MATH3113, MATH3333, MATH3413, MATH3401, CS1313, ENGR3411, and ENGR3723 (semester offerings vary). Other courses may be chosen from these or related departments, if approved by the student’s faculty advisor. **At least one course must be upper division (3000-level or higher).**

Track 7: Premedical
Must include at least 3 chemical, physical, or life science courses that are required or recommended for medical school admission, and that are not already required for the ES major. Written documentation that these 3 courses are part of a plan for medical school application must be obtained from the Premedical Professions Advising Office. **Please consult with OU Premed Advising Office for medical school admission requirements:** Cate 1, room 415-416 or by appointment only: [http://iadvise.ou.edu](http://iadvise.ou.edu)

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