Tracks of specialization in the environmental engineering degree

Environmental

General (G)
- ENGR 2301 - Statics (fall and spring)

Civil (C)
- ENGR 1301 - Fundamentals of Engineering (fall and spring)
- CENG 2361 - Surveying (fall offering)
- CENG 3321 - Civil Construction Materials (fall offering)
- CENG 3362 - Transportation Engineering (spring offering)

Thermofluids (TF)
- ENGR 2301 - Statics (fall and spring)
- MENG 3320 - Thermodynamics (fall and spring)

Track Electives
- EVES 3371 - Engineering Applications in GIS (fall or spring)
- CENG 3321 - Civil Construction Materials (fall offering)
- CENG 3321 - Civil Construction Materials (fall offering)
- CENG 3362 - Transportation Engineering (spring offering)

Required for EVEG degree

1. Lines moving downward indicate pre-requisites to take later elective courses. All of these pre-requisites you will already take since they are required for the EVEG degree.

2. Must complete MENG 3320 prior to taking this course.

3. MENG 4392 is not offered on a regular fall/spring rotation.
ENVIRONMENTAL TRACKS

General (G)
You may want consider this track IF you—

- Prefer elective diversity
- Want to be well-rounded in all aspects of engineering that are connected to environmental engineering
- Want to keep options open as to what aspect of environmental you might pursue in a graduate degree.
- See yourself going into engineering works which has geospatial tools as a significant component.

Civil (C)
You may want consider this track IF you—

- Have an interest in seeing how the environment intersects civil engineering discipline
- Want a foundational understanding of the civil discipline
- Improve knowledge of material science for environmental engineering FE/PE exam (CENG 3321)
- Work for government or a consulting engineering firm
- Want to work the construction, renovation, and or land development industries.

Thermofluids (TF)
You may want consider this track IF you—

- Have a passion to delve deeper into understanding the effects of energy on environmental systems
- Enjoy the connection of environmental engineering to the aspects of chemical engineering such as heat transfer or separation processes.
- Want to work in areas of sustainability accounting like energy, carbon, or water footprints. Want to design fluidic systems