Civil Engineering Specializations
Specializations are required for the civil engineering major. For each specialization, 3 of the 4 required courses must be specialization specific, but the 4th course can be any upper-division ENGRCEE course.

Environmental Hydrology and Water Resources (4 courses):
- Focuses on the hydrologic cycle, and the design and operation of systems for collecting, moving, and cleaning water. Includes courses in hydrology, watershed modeling, open channel design, wastewater treatment design, etc.
- Recommended specialization if you enjoyed ENGRCEE 170 and 171

Structural Engineering (4 courses):
- Focuses on the analysis and design of structural components to resist loads. Courses available include steel design, timber design, foundation design, earthquake engineering, etc.
- ENGRCEE 155 is required
- Recommended specialization if you enjoyed ENGRCEE 30, 150, 151A, and 151C

Transportation Systems Engineering (4 courses):
- Focuses on the planning, design, and operation of transportation systems. Courses available include network analysis, freeway operations, control systems, etc.
- ENGRCEE 122 and 123 are required
- Recommended specialization if you enjoyed ENGRCEE 121

General Civil Engineering (4 courses):
- Recommended if you want to learn about all 3 specializations
- Students select 3 courses: 1 from the 4 categories based on the different specializations. The last course can be from any category.

Notes: CEE 199 & 198 cannot count as a specialization course. Students can complete more than one specialization, but the courses cannot overlap (each specialization must have 4 unique courses).

(SUBJECT TO CHANGE)