Civil Engineering MAJOR MAP

1ST YEAR
- Understand the CEE curriculum and develop a long term plan.

2ND YEAR
- Develop skills through experience: Visit the Career Center to learn about careers and write a resume, cover letters, and thank you notes. Join a student organization to develop professional and personal interests (see NDSU Clubs Directory for ideas).
- Seek out connections: Attend the Career Fair and learn what employers seek in students. Make friends with peers and develop study groups. Join a CEE student organization. Keep your references up-to-date about your job applications.

3RD YEAR
- Consider a summer job or internship: Participate in the student chapter of a professional association and regularly participate (consider AISES, ASCE, AWWA/WEF, EWB, ITE, MRS, and SWE). Developing networks and networking skills.
- Understand broader perspectives: Explore and participate in social and community activities, and non-academic activities such as athletic and music programs. Visit professors during office hours, and ask about their research. Learn about the Grand Challenge Scholars Program.

4TH OR FINAL YEAR
- Go! Build your future: Struggling with career or program decisions? Go to orientation sessions, visit with Academic Advising, visit with the Career Center, and attend Career Fairs during the year.

Where could I go after graduation?

Our graduates design solutions for civil infrastructure.

Engineering areas and typical applications include:
- Environmental (treating and managing water, solid waste, industrial & hazardous waste)
- Geotechnical (foundations, earthen and gravity dams)
- Structural (buildings, bridges and other structures)
- Transportation (highways, roads and railways, airports, pipelines)
- Water Resources (water management and planning, municipal water supply)

Traditional career paths involve:
- Planning, design, operations, project management and construction.
- Other careers include:
  - Sales, research, teaching, architecture and law.

Most graduates work in consulting and government agencies, industry and military. Many pursue advanced degrees.

Graduates become prepared for professional licensure after achieving required work experiences and passing licensing board examinations.