Why major in civil engineering?

Civil engineers plan, design, construct, operate, test and maintain society’s infrastructure components such as roads and bridges, shipping terminals and ports, skyscrapers and tunnels, and reservoirs and water treatment plants. Every day, no matter where you live, you benefit from something designed by a civil engineer. If you’ve ever wondered how a bridge or a building was designed and constructed, or how the water you drink is made safe, civil engineering may be for you!

Why major in construction management?

Rapid advances in technology and management tools have significantly affected the construction industry. One result of these changes is the demand for a new generation of construction professionals. Added to this is the increasing demand for construction leaders who can take on the challenges of construction projects anywhere in the world. The construction management program at Georgia Southern educates young men and women to be professionals and leaders who can address local, national and international needs for the delivery of high-quality construction management services. If you like to build things and manage projects, construction management may be for you!
Civil Engineering and Construction Management at Georgia Southern University

Georgia Southern provides a student-centered environment led by faculty members who truly care about student success. Classes are taught by qualified faculty, rather than graduate students, and class sizes tend to be smaller.

The Department of Civil Engineering and Construction Management employs community service projects, cooperative education and study abroad opportunities as vehicles to engage students in preparation for professional practice. The Department promotes community immersion and experiential, service learning projects as the central theme of a transformative educational experience.

The Department’s goal is to graduate a diverse group of well-prepared professionals with advanced academic knowledge and meaningful practical experience, who are also generously committed to improving their local communities.

Student Chapters of Professional Societies

Our student organizations encourage students to interact with potential employers, learn more about their chosen field, participate in competitions and network with others in their major. Some include:

- American Society of Civil Engineers (ASCE)
- Associated Schools of Construction (ASC)
- Sigma Lambda Chi (ΣΛΧ), the International Construction Honor Society
- Society of American Military Engineers (SAME)
- Institute of Transportation Engineers (ITE)
- Construction Management Association of America (CMAA)
- Women in Construction (NAWIC)
- Construction Management Guild:
  - Associated General Contractors of America (AGC)
  - National Association of Home Builders (NAHB)
  - Georgia Utility Contractors Association (GUCA)

Civil Engineering
- Pavement materials
- Bridge structures
- Water and wastewater systems
- Soils and foundations
- Environmental engineering
- Surveying with modern laser-based instruments

Construction Management
- Operations management
- Construction planning and management
- Quality management
- Risk management and safety
- Building information modeling
- Green and sustainable construction

Undergraduate Research Opportunities

Our faculty are also engaged in research in which undergraduate students are encouraged to participate through the CEIT Undergraduate Research Program. Faculty members mentor interested students in research projects and provide opportunities for professional development through presentations and publications at national academic and industry conferences. Some of the active research areas in the CECM department are listed here.