

GW's BS in civil engineering program teaches the fundamentals of environmental engineering, geotechnical engineering, structural engineering, water resources engineering, and transportation engineering. Students put their knowledge into action by working on contemporary, real-world projects, such as the clean-up of a "deadzone" in the Gulf of Mexico, design of civil infrastructure systems such as bridges, tunnels, and lifelines to withstand against natural hazards, and crash protection for children in car seats. Program students also take part in many activities and organizations, among them the steel bridge competition, the American Society of Engineers, and Engineers Without Borders. The program offers a number of ways for students to craft their academic programs to meet special career interests by developing the analytical, experimental, and design skills necessary for a career in engineering or in fields such as business, law, and public policy. Civil engineering program graduates leave GW prepared to plan, design, and construct buildings, bridges, roads, airports, and rapid transit systems or they go on to specialize in pollution control, hazardous waste cleanup, or water and wastewater treatment systems.

This is a STEM designated program.

Visit the [program website](#) for additional information.