Welcome from the department head

At K-State civil engineering, we are a community of learners committed to providing outstanding educational opportunities to our students. We also conduct advanced research in civil infrastructure design and environmental preservation.

We are located in Fiedler Hall, a state-of-the-art facility that is home to our teaching and research laboratories, offices, meeting rooms and the College of Engineering Academic Success Center.

To learn more about our programs, visit our website at ce.ksu.edu or contact us at 785-532-5862.

Sincerely,
Robert Stokes
Department head and professor

Graduate program contacts
Dr. Sunanda Dissanayake, graduate coordinator
Sue Wells, graduate administrative assistant
gradce@ksu.edu

Manhattan, Kansas and K-State campus

Civil Engineering
Graduate Program
Kansas State University
A guide for interested students

K-State rankings
Our engineering graduate program is currently 59th in the U.S. News and World Report Public School rankings. K-State is recognized by the Princeton Review as one of America's best colleges.

Manhattan community
Manhattan, nicknamed “The Little Apple,” is a great environment to start a new chapter of your life. The city ranks among the best classic college towns in the country.

Aggieville
Aggieville, an entertainment district close to campus, features more than 100 restaurants, bars and shops, many of which are locally owned. It has been a popular attraction for more than 125 years.

Helpful websites
Cost-of-living and tuition information:
k-state.edu/sfa/costofattendance/gtc.html
Graduate student life information:
k-state.edu/grad/students/graduatestudentlife/
GraduateStudentLife.html
Engineering graduate programs information:
engg.ksu.edu/ergp/grad-program

Notice of Nondiscrimination
Kansas State University is committed to nondiscrimination in admissions, programs and employment. Inquiries and complaints: Contact Director of Institutional Equity, Kansas State University, 163 Edwards Hall, Manhattan, KS 66506-4661, (Phone) 785-532-6220, (TTY) 785-532-4807.
Research areas

The civil engineering department offers graduate programs of study in five areas of specialization:

Environmental engineering
Focus is on planning, design and management of facilities and systems that protect public health and environmental quality. This includes production and distribution of potable water, treatment and disposal of municipal & industrial wastewater, management of solid and hazardous wastes, remediation of contaminated soil and groundwater, and air pollution control.

Geotechnical engineering
Focus is on design and construction of foundations for structures, bridges, earth embankments, retaining walls and bulkheads, pavements for highways and airports, and waste containment structures.

Structural engineering
Focus is on design, construction and rehabilitation of a wide variety of buildings and bridges using concrete, steel and other composite materials.

Transportation and materials engineering
Focus is on planning, design, materials, construction and operation of roadways, highways, railways, airports and urban mass transit systems.

Water resources engineering
Focus is on design, construction and management of structures and systems for flood control and to provide water for drinking and household uses, irrigation, power production, recreation and wildlife.

CE degrees

M.S. degree
The Master of Science (M.S.) program in CE is a broad-based curriculum designed to prepare students for advanced positions in civil engineering industry, consulting and public agencies, as well as for further graduate studies. The CE M.S. degree requires (i) 24 hours of coursework and six hours of thesis; or (ii) 28 hours of coursework and two hours of project; or (iii) for distance students — 30 hours of coursework and a final exam.

Ph.D. degree
The Doctor of Philosophy (Ph.D.) degree program is a research-oriented curriculum designed to prepare students for advanced research and university-level academic positions in civil engineering, as well as industry. The Ph.D. program requires a minimum of 90 credit hours or 60 credit hours, beyond the master’s degree, including at least 30 hours of research credit. A dissertation of original research of sufficient quality and importance to merit publication in referred journals should be completed by all doctoral students.

Financial assistance
The CE graduate program offers competitive Graduate Research Assistantships (GRAs) and Graduate Teaching Assistantships (GTAs) to well-qualified applicants. Both GRA and GTA positions provide a stipend and tuition support. GRA support is provided through cutting-edge research projects funded by various federal and state agencies, and the private sector. A limited number of fellowships are also available at the college and university level.

Application process

Minimum admission
- Bachelor’s degree in civil engineering (other areas of engineering could be admitted with some deficiency courses at UG level)
- Cumulative GPA of at least 3.0 on a 4.0 scale
- GRE scores with a minimum of 80% in the quantitative section (unless the bachelor’s degree is from an ABET-accredited institution)

International student requirements
Internet-based (iBT) TOEFL — minimum total score of 79* with minimum parts scores of 20 on reading, listening and writing sections
IELTS — minimum total score of 6.5* with minimum parts scores of 6.5 on reading, listening and writing sections
Pearson Test of English (PTE) — minimum total score of 58* with parts scores of 58 or higher
*If total score requirement is met but not the parts score requirement, English courses are required in a student’s first semester.

Application deadlines
January 8 for fall (August) enrollment
August 1 for spring (January) enrollment
December 1 for summer (June) enrollment

English language program (ELP)
Kansas State University offers English language graduate support courses. ELP academic advisers help students who are admitted to study in a degree program make the transition from the ELP into their academic departments.

Visit k-state.edu/elp for more information.