Top reasons to choose architectural engineering as your major

- Be part of a nationally recognized program known for graduating students well prepared for a career in the building design and construction industry. Our students, alumni, employers and industry partners come from across the United States.

- **Flexibility** to specialize in one of the building design disciplines of structural, mechanical, electrical or many other career options. You may work on projects as varied as hospitals, office buildings, stadiums, retail buildings and many others.

- **Our faculty** have both the academic background and professional industry experience to bring real-world applications into the classroom. You will be learning from licensed professional engineers and professional constructors.

- **Our student groups** are highly active with ties to professional organizations. Through these groups you can tour construction sites, go to professional conventions, see industry speakers or participate in social events.

- **Job opportunities** are exceptionally strong. Employers continue to seek out our students for summer internships and entry-level positions, even in tough economic times.
Opportunities

• Most students have multiple summer internships prior to graduation.
• We place a strong emphasis on teamwork and project-based learning to teach students to succeed in today’s work environment.
• Multiple student organizations and design competition teams allow students to develop leadership, networking and social skills, and to extend learning beyond the classroom.
• Capstone design opportunities simulate a high level of design on real projects in students’ specialty areas.

Areas of emphasis

• Structural building systems design
• Mechanical building systems design
• Electrical building systems design
If you are considering architectural engineering as a potential major, our faculty is dedicated to offering effective teaching and helping you prepare for a rewarding career. Graduates from our program are highly recruited by employers from across the building design and construction industry. Our classes are small and designed for personal learning and engagement.

**The focus is on you**

Teamwork and project-based learning is emphasized to help you acquire the background and skills needed when you graduate. You will be assigned an adviser who will act as a mentor throughout the program. Plus, we offer a program that allows high-performing students an opportunity to earn a bachelor’s and master’s degree at the same time.
Program overview

- Graduates from the architectural engineering program are employed by professional engineering firms, typically working and advancing professionally in one of the architectural engineering design areas of structural, mechanical or electrical.

- Architectural engineers use computers, mathematics, science, and problem-solving and engineering skills to provide design solutions on building projects. They work on projects in many market sectors including health care, retail, commercial office, industrial, educational and sports facilities.

- Our graduates are in high demand by Kansas, Midwestern and national engineering firms. Most students accept entry-level job offers well before they graduate.

- The Bachelor of Science in Architectural Engineering is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org

Student organizations

- ARE-CNS Student Ambassadors
- Architectural Engineering Institute (AEI)
- American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE)
- American Concrete Institute (ACI)
- Illuminating Engineering Society (IES)
- Structural Engineers Association of Kansas and Missouri (SEAKM)
- Phi Alpha Epsilon (PAE), ARE honorary society

ARE stats

- Nearly 300 undergraduate students and 10 M.S./B.S. students
- $50,000+ average starting salary for recent graduates
- Recent graduates have averaged more than two professional internships
- Most departmental classes have fewer than 40 students