

# ARCHITECTURAL ENGINEERING

A degree in Engineering, Architecture or Technology provides the knowledge and tools for problem solving. Be aware that the actual work that engineers perform will vary depending on the company and industry in which they work. Some engineers work in a research or development capacity, while others serve in management roles. The work environment also varies, including outdoor work, work in an office setting, or a combination.

## CAREER PATHS IN ARCHITECTURAL ENGINEERING

- Engineering Intern
- Structural Engineering Intern
- Intern Architect
- Structural Engineer
- Structural Designer
- Structural Consultant
- Construction managers
- Estimators
- Project Engineers
- Field Engineers
- Engineering Technician



## WHO HIRES ARCHITECTURAL ENGINEERING MAJORS

- Stantec Architecture
- KFC Engineering
- Dewberry
- FSB
- HKS
- JEI Structural Engineering
- Wallace Engineering

**HIRESUGRADS.com**

## ARCHITECTURAL ENGINEERING

Architectural Engineers have the same interests as civil and mechanical but focus on the building industry. ArchE's go through three design studios pre-professional school, gaining important insight into the design process of an architect so that they may later understand the design quality of what they are helping structurally engineer.

## TIPS FOR SUCCESS IN ARCHITECTURAL ENGINEERING

- As an architectural Engineer it is important to learn time management. Architectural Engineering is different from all other engineering because of the design studio time commitment. Learn how and when you work most efficiently and use that to your advantage.
- Talk to your advisors. The School of Architecture has a great advising team and they are always willing to meet with you and answer any questions.
- Join Oklahoma State's AEI Student Chapter. You can get to know people that have similar interests as you!
- Stay on top of all your classes. Although studio counts for 6 credit hours of your GPA, your engineering science classes also need attention!

FOR MORE INFORMATION ABOUT  
ARCHITECTURAL ENGINEERING AT  
OSU

**Prospective Student Services:**

(405) 744-5276

**Career Services:**

(405) 744-3858

## ADDITIONAL RESOURCES ABOUT ARCHITECTURAL ENGINEERING CAREERS

Architectural Engineering at OSU:  
[http://arch-ceat.okstate.edu/  
architectural-engineering-program](http://arch-ceat.okstate.edu/architectural-engineering-program)

Architectural Engineering Institute:  
<http://www.asce.org/AEI/>

## STARTING AVERAGE SALARIES

(Data gathered from OSU CEAT graduates)

**2013 – \$46,300**

**2014 – \$45,009**

**2015 – \$48,118**

## MARKETABLE SKILLS OF ARCHITECTURAL ENGINEERING GRADUATES

- In depth structural design knowledge
- Knowledge of building systems including:
  - Electrical System
  - Heating Ventilation System
  - Air Conditioning System
  - Fire Protection System
  - Plumbing System
  - Structural System
  - Skin Materiality