

Find Your CEAT Major

A degree in engineering, architecture or technology provides the knowledge and tools for problem solving. The work graduates perform will vary depending on the company and industry in which they work. The College of Engineering, Architecture and Technology proudly provides ABET and NAAB accredited degrees for all undergraduate degree programs, allowing our faculty and students to lead the way in design, technology and innovation.

AEROSPACE ENGINEERING

Description: The study of anything traveling through or working in a fluid or gas

Focus Areas

- Dual Degree with Mechanical Engineering

ARCHITECTURE

Description: The study of the function, design and construction of the sustainable built environment. A five-year NAAB-accredited program

ARCHITECTURAL DESIGN STUDIES*

Description: The study of architectural design and architectural issues in order to pursue a design-related career outside of professional architectural licensure

Focus Areas

- Design Management & Leadership
- Design Thinking & Communication
- Design, Cultural, & Urban Studies

ARCHITECTURAL ENGINEERING

Description: The study of engineered systems in architecture through the implementation of fundamental engineering principles

Focus Areas

- Construction Project Management
- Structures

BIOSYSTEMS ENGINEERING

Description: The study of critical issues related to sustainable food supply, natural resources, energy and health through integration of life and agricultural sciences with fundamental engineering principles

Focus Areas

- Bioprocessing & Food Processing
- Environment & Natural Resources
- Machine Systems & Agricultural Engineering
- Pre-Medical

CHEMICAL ENGINEERING

Description: The study of processes to produce, transform, separate and transport materials

Focus Areas

- Pre-Medical
- Biomedical

CIVIL ENGINEERING

Description: The study of infrastructure and the environment it affects

Focus Areas

- Environmental Engineering

COMPUTER ENGINEERING

Description: The study of hardware-software integration and hardware design with foundations in computer science and electrical engineering

Focus Areas

- Dual Degree with Electrical Engineering
- 4+1 accelerated Master's program
- Software Engineering

CONSTRUCTION ENGINEERING TECHNOLOGY

Description: The study of managing and supervising construction projects

Focus Areas

- Building (vertical focus)
- Heavy (highway or horizontal focus)

ELECTRICAL ENGINEERING

Description: The study of devices and systems which use electricity, electronics and electromagnetism

Focus Areas

- Dual Degree with Computer Engineering
- 4+1 accelerated Master's program

ELECTRICAL ENGINEERING TECHNOLOGY

Description: The applied study of electrical devices, systems and the design and operation of computers

Focus Areas

- Computer

FIRE PROTECTION & SAFETY ENGINEERING TECHNOLOGY

Description: The study of reducing loss potential with respect to fire, safety and risk management

INDUSTRIAL ENGINEERING & MANAGEMENT

Description: The study of designing and improving processes that are effective, efficient and safe

Focus Areas

- 4+1 accelerated MBA program
- 4+1 accelerated Master's program

MECHANICAL ENGINEERING

Description: The study of dynamic systems, heat transfer, design of machines and materials

Focus Areas

- Dual Degree with Aerospace Engineering
- Pre-Medical
- Petroleum

MECHANICAL ENGINEERING TECHNOLOGY

Description: The applied study of mechanical design, mechanical power and manufacturing

MECHATRONICS & ROBOTICS**

Description: The applied study of interface theory, actuation systems, hardware and software integration, modeling, and controls

*Accreditation not available

**New degree with accreditation in process

CEAT Admissions



Freshman Admission Requirements

At Oklahoma State University, we're committed to helping qualified students be admitted to OSU to begin earning their college degrees. Check out our admission options below to see how you can become an OSU Cowboy. Please note that some academic colleges may have additional **program-specific admission criteria**.

Students qualify for assured admission if they meet **ONE** of the following criteria:

- 3.0 GPA or better unweighted cumulative **AND** top 33.3% rank in high school graduating class, **OR**
- 3.0 GPA or better in 15-unit core **AND** 21 ACT/1060 SAT or better, **OR**
- 24 ACT/1160 SAT or better



Transfer Admission Requirements

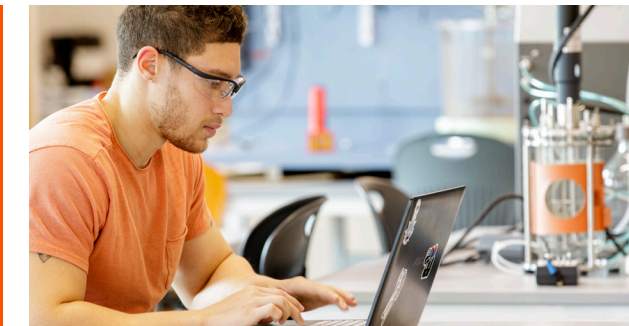
A transfer student is one who has attempted a minimum of 7 semester hours of college-level credit after graduation from high school. Please note that some academic colleges may have additional **program-specific admission criteria**.

Credit Hours Attempted*	Admission Requirements
7-23	Freshman admission requirements and 2.25 GPA
24-59	2.25 GPA
More than 60 or an associate degree	2.0 GPA

*excluding incomplete, passing grades (ex: "P" or "S"), remedial/developmental, repeated/forgiven credit and activity courses.

OSU Admission Application Requirements

- Completed OSU admission application
- \$40 nonrefundable application fee or a waiver
- Official high school transcript
- Test scores if an ACT/SAT has been taken
- **For full scholarship consideration you must also complete the leadership and involvement resume portion of the OSU admissions application**



Daily CEAT Tours

Scan here to sign up for a tour of your desired major



CONNECT WITH US

CEAT Prospective Student Services
405.744.5279
ceat.recruitment@okstate.edu

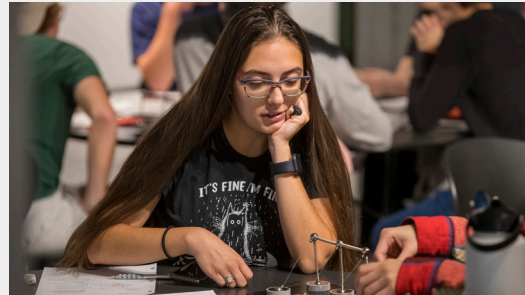


COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY



COLLEGE OF
ENGINEERING, ARCHITECTURE
AND TECHNOLOGY

Join the College of Engineering, Architecture and Technology at OSU!



ABOUT US

The College of Engineering, Architecture and Technology (CEAT) is dedicated to educating and producing engineers, architects and technologists that create solutions to challenges that affect our communities, nation and world. CEAT provides programs that foster hands-on learning, diversity of thought and interdisciplinary teamwork.

Why Choose Us?

1. Learn from award-winning faculty

Our nationally recognized faculty engage students in more than \$51 million in research annually where undergraduates can be involved with the research as early as their freshman year. Faculty also take pride in personally teaching nearly every class in the college.

2. Access to state-of-the-art facilities

CEAT's facilities at OSU include; AIA-award winning Architecture building, renovated classrooms, Student Excellence Center and ENDEAVOR, a modern, hands-on undergraduate laboratory where students are encouraged to learn through doing.

3. Make a difference in the world

CEAT offers students the opportunity to solve grand challenges, introduce STEM to younger generations, find their passion through academic, social and honor organizations and improve inclusivity. Here, students find many ways to make a difference in the world.



"Ever since my first semester in college, being a part of CEAT has always made me feel welcome and supported. It has created a place of diversity, equity, and inclusion that has allowed me to receive the necessary resources to succeed. This close knit community at CEAT has created life long friendships, opportunities, and overall confidence within myself as a person. Most

importantly, I have appreciated the opportunities to travel, engage with other students within the department, and have the amazing support of some of the faculty."

Hazel Nansubuga – Architecture



"I arrived at OSU as a transfer student and immediately became a part of the engineering program. Attending OSU had always been a dream of mine, and CEAT welcomed me so warmly that during my initial days here, I never felt alone. The faculty and staff were incredibly supportive, assisting me with my financial, academic, and even personal needs. I am passionate about my program, and the diversity initiatives have significantly contributed to my growth here. I am immensely grateful to OSU CEAT for transforming my life in the best possible way."

Daisy Ross – Civil Engineering



"OSU CEAT has so many opportunities and ways for me to get involved, whether it's through CEAT Student Council, Society of Women Engineers, CEAT Scholars, or being an ambassador for the college itself. Being a part of organizations I'm passionate about is important to me because it's how I make friends, meet new people, and have fun while learning!"

Lenaa Abouzahr – Electrical and Computer Engineering



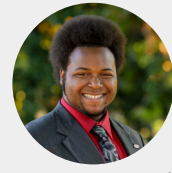
"I chose OSU CEAT for two main reasons. The first reason is to gain hands-on experience in world-class facilities. OSU CEAT has state-of-the-art facilities that give students access to a wide range of resources to prepare them for full-time employment. The second reason is the intern/job opportunities that are available after graduating with an OSU CEAT degree. OSU CEAT sponsors a career fair each semester with hundreds of companies in attendance. This serves as an outstanding opportunity for early career networking and a wide range of career opportunities."

Cody Seals – Fire Protection & Safety Engineering Technology



"Transferring to CEAT at OSU was undoubtedly the best decision I've ever made. This close-knit community has offered me an exceptional education, lifelong friendships, and cherished memories. It's a place where personal growth, academic excellence, and lasting connections come together, creating a special and fulfilling college experience."

Kaitlin Kavelec – Mechanical Engineering



"From the time you step on campus, CEAT is here for you through all aspects of your education and career. The resources they provide, from CEAT Summer Bridge to CEAT Career Services, set you up for success. Not only that, but the relationships you gain through helping one another through the rigors of coursework are truly lifelong. You will not regret choosing CEAT."

Adonis Gardner – Chemical Engineering

Scholarships

PROGRAM	REQUIREMENTS	CEAT SCHOLARSHIP VALUE *	DESCRIPTION	DEADLINE
CEAT SCHOLARS PROGRAM	3.9 GPA (unweighted) or 3.5+ GPA and 31+ ACT/1390+ SAT, complete short answer leadership question and interview with CEAT faculty	\$15,000 4 yr total package	4 yr. award with \$3,000 annual scholarship, paid enrichment and travel. Up to 100 selected annually. Qualified for OSU assured awards.	Nov. 1
W.W. ALLEN SCHOLARS PROGRAM	32 ACT or 1420 SAT 3.75 GPA (unweighted), Demonstrated leadership, majoring in engineering, complete additional essay questions on the student application portal and interview	\$105,000 4 yr total package	4 yr. award with \$8,500 annual scholarship, paid enrichment and travel + Full tuition and housing for a Master of Philosophy at the University of Cambridge in the UK. 2 selected annually. Qualified for OSU assured awards.	Nov.1
W.W. ALLEN BOYS & GIRLS CLUB SCHOLARS PROGRAM	No set GPA requirement, but preference given to students with at least a 3.0, Active Boys and Girls Club member and/or volunteer, demonstrated leadership. Must submit additional essay questions on the student application portal and interview	\$64,000 4 yr total package	4 yr. award with \$15,000 annual scholarship, paid enrichment and travel. Only 1 selected each year, Qualified for OSU assured awards.	Feb. 1
STEM SCHOLARSHIP	3.25 GPA (unweighted) Involvement in STEM Academy, PLTW, or Pre-Engineering courses, majoring in engineering. Must submit a letter of recommendation on the student application portal	\$10,000 4 yr total package	4 yr. award starting at \$1,000 and increasing by \$1,000 each year, totaling \$10,000. Up to 15 selected annually. Qualified for OSU assured awards.	Feb. 1
FIRST ROBOTICS	3.25 GPA (unweighted), involvement in FIRST Robotics, majoring in engineering and must submit a letter of recommendation on the student application portal	\$1,000	One year scholarship available to 20 freshman recipients each year. Qualified for OSU assured award	Feb. 1
FRESHMAN RESEARCH SCHOLARS	3.5 GPA (unweighted), motivated, intellectually curious and have a strong work ethic. Submit additional information on the student application portal	\$1,000	OSU & CEAT partnered scholarship providing 24 CEAT freshmen the opportunity to engage in cutting-edge research under the guidance of faculty researchers. Qualified for OSU assured awards.	Feb. 1
NACME SUMMER BRIDGE SCHOLARS	24 ACT or 1160 SAT 3.0 GPA (unweighted), identify as an underrepresented minority, majoring in engineering and attend CEAT Summer Bridge	\$1,000	Freshman scholarship with the potential to be renewed up to 4 yrs. with acceptance into the NACME Scholars Program which increases the award to \$2,500 annually. 5 new awards annually. Qualified for OSU assured awards	Feb. 1
ACADEMIC DEPARTMENT SCHOLARSHIPS	Based on major indicated on OSU admission application, selection may be based on test scores, GPA, leadership and community service	Varied by CEAT & Departments	Value & terms vary by donor criteria. Over 200 incoming freshman selected each year	Feb. 1

*All CEAT scholarships are competitive & can stack with all OSU assured awards.

** OSU assured awards are guaranteed partial tuition waivers given by the University. Visit go.okstate.edu/scholarships-financial-aid to verify requirements.

Undergraduate <i>in-state</i> estimated direct costs for 2023-2024	Tuition & Fees \$13,920	Room & Board \$9,800	Books & Supplies \$1,200
Undergraduate <i>out-of-state</i> estimated direct costs for 2023-2024	Tuition & Fees \$29,440	Room & Board \$9,800	Books & Supplies \$1200
Undergraduate <i>international</i>** estimated direct costs for 2023-2024	Tuition & Fees \$29,440	Room & Board \$9,800	Books & Supplies \$1,200

*These estimates are based on 30 credit hours per year. Actual cost may vary.

**International estimated direct cost also includes insurance at \$1,851

Fast Facts

Top
5

best value engineering college
bestvalueschools.com



Average CEAT scholarship:

\$2,287

60

CEAT student organizations including 10 inclusive-focused programs & 12 competition teams

#1 Public engineering college in Oklahoma

US News & World Report



\$4M in CEAT scholarships awarded

ENDEAVOR

The nation's premier undergraduate multidisciplinary lab and innovation hub

Summer Bridge

Prepare for success

Transition from high school to the academic rigors of OSU coursework by applying to attend CEAT Summer Bridge, a three-week residential, on campus, preparatory program focusing on academic review, mock exams, orientation seminars and engineering design projects. Participation allows students to potentially receive additional scholarships based on performance. Apply by February 1. Discover more at summerbridge.okstate.edu.

Parker Hall

Enrich your life

Take advantage of our dedicated Living Learning Program (LLP) in Parker Hall. The recently renovated residence hall features traditional style living with specialized services and programs designed to connect engineering, architecture, and technology students with like-minded peers and upper-class mentors. LLP applications open December 1. Housing applications open February 1. Discover more at reslife.okstate.edu.

Study Abroad

Expand your horizons

CEAT values a global education and offers short-term CEAT faculty-led study abroad courses, international service through Engineers Without Borders and long-term study abroad opportunities. Visit Japan, China, Germany, France, Italy, Guatemala and more. CEAT makes global travel affordable and attainable by providing study abroad scholarships. The options to expand your horizons are truly endless! Discover more at ceatstudyabroad.okstate.edu.