

# COLLEGE OF ENGINEERING, ARCHITECTURE AND TECHNOLOGY

## College Administration

Hanchen Huang, PhD—Dean, Professor, Donald & Cathey Humphreys Chair

Charles F. Bunting, PhD—Associate Dean for Research, Professor, Henry Bellmon Chair

Sunderesh S. Heragu, PhD—Associate Dean of Graduate Programs and Special Projects, Regents Professor, John Hendrix Chair in Engineering  
Ed Kirtley, PhD—Associate Dean of Engineering Extension, Professor of Professional Practice

Carisa Ramming, PE—Associate Dean of Academic Programs and Student Services, Professor, Halliburton Professorship in Engineering  
Raman P. Singh, PhD—Associate Dean for Engineering, OSU-Tulsa, Director, Helmerich Research Center, Director EPSCoR, Professor, Helmerich Chair

John Veenstra, PhD—Interim Associate Dean for Faculty Affairs, Professor

## Campus Address and Phone

**Address:** 201 Advanced Technology Research Center, Stillwater, OK 74078

**Phone:** 405-744-5140

**Website:** <https://ceat.okstate.edu/>

The vision of the College of Engineering, Architecture and Technology (CEAT) is to be the leading public university in engineering, architecture, and technology that engages diverse students, faculty and staff with industry and government to deliver excellence in advanced learning, leadership, relevant research, and benefits to society.

Our mission is to provide a diverse student population with the highest quality education in engineering, architecture and technology. OSU develops ethical leaders with technical knowledge, innovation, and communication skills to benefit the State of Oklahoma, the nation and the world.

The College of Engineering, Architecture and Technology is a community of scholars, innovators and leaders that is transforming our lives. The preparation of professionals that anticipate the needs of a changing world is at the nexus of society, economy, ethics, sustainability, and humanity. The College is committed to educating professionals who innovate, design and build projects that provide solutions for both the developed and the developing world.

CEAT embraces students from diverse backgrounds to imagine and discover the challenges of engineering, architecture and technology, and to bring about innovation using their proficiency in science, mathematics, communications, ethics, and humanity. This mission is built on the foundation of the University's mission and the expectations of a world class university.

As Oklahoma's land-grant university, CEAT fulfills the most fundamental premise that founded OSU; to promote economic and community viability through technical assistance, academic and professional education, training, and communication in the areas of engineering, architecture and technology, and by connecting scientific research and scholarship

to industry, communities, and individual citizens in Oklahoma, the region and the world.

As we progress into the future, professionals with a higher education will continue to be largely responsible for shaping our world. The power they exercise is an exciting prospect and presents a sobering responsibility. Less complex problems have been solved and are now a part of history. Many difficult problems remain. The need for talented and highly educated professionals is obvious; one will be embarking on a lifetime of challenge as he or she prepares for a career in engineering, engineering technology or architecture at Oklahoma State University.

The College of Engineering, Architecture and Technology offers a complete spectrum of educational opportunities at both the undergraduate and graduate levels designed to give graduates the capability and flexibility to meet the ever-changing needs of a society that is committed to technological innovation. To make continuing contributions, engineers, architects, and technologists must have many abilities at their command. The modern tools and processes of industry must be understood. The processes of design and analysis require a firm understanding of mathematics and the sciences. An effective engineer, architect or engineering technologist must develop sensitivity to human needs, ideas, institutions, and cultures. These programs prepare graduates to be effective contributors within human organizations and provide an increased understanding of both the technical and non-technical factors that shape our human environment. With this firm foundation, and a commitment to lifelong learning, CEAT graduates are fully prepared to make contributions to society throughout their professional careers.

The curriculum in each program provides the optimum combination of breadth in the enduring fundamentals and specialization in a discipline. Each curriculum sensitizes the student to ethical, social, cultural, and global issues that will shape their ideas and contributions. To equip the student to contribute to solutions at the cutting edge of technology, curricula are continuously evolving to include current applications of the principles. Through the combination of theory, practice and improved sensitivity to diverse issues, graduates will be prepared to support their diverse interests while positively contributing to the advancement of technology and the world.

## Academic Programs

Academic programs offered in the College of Engineering, Architecture and Technology culminate in the following degrees:

### Schools of Engineering

- Bachelor of Science in Aerospace Engineering; Biosystems Engineering with options in Bioprocessing and Food Processing, Environment and Natural Resources, Machine Systems and Agricultural Engineering, and Pre-Medical; Chemical Engineering with options in Biomedical/Biochemical and Pre-Medical; Civil Engineering with an option in Environmental; Computer Engineering with an option in Software Engineering; Electrical Engineering; Industrial Engineering and Management; and Mechanical Engineering with options in Fire Protection Systems, Petroleum and Pre-Medical.
- Undergraduate Minors in Data Analytics for Engineers, Environmental Engineering, Nuclear Engineering, and Petroleum Engineering.
- Master of Science in Biosystems Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Engineering and Technology Management, Industrial Engineering and Management with options in Operations Research and Analytics and Supply Chain Logistics, Materials Science and Engineering, Mechanical and Aerospace

Engineering with an option in Unmanned Aerial Systems, and Petroleum Engineering.

- Master of Engineering in Electrical Engineering, Materials Science and Engineering, and Mechanical Engineering.
- Graduate certificates in Engineering and Technology Management, Supply Chain and Logistics.
- Doctor of Philosophy in Biosystems Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering and Management, Materials Science and Engineering, Mechanical and Aerospace Engineering, and Petroleum Engineering.

## School of Architecture

- Bachelor of Architecture, Bachelor of Architectural Engineering with options in Structures and Construction Project Management, Bachelor of Science in Architectural Design Studies with options in Design Management and Leadership, Design Thinking and Communication, and Design, Culture and Urban Studies.
- Undergraduate minors in Architectural Studies: Architecture and Entrepreneurship, Architectural Studies: Design, and Architectural Studies: History and Theory.
- Graduate Certificate in Integrative Design of Building Envelope.

## Division of Engineering Technology

- Bachelor of Science in Engineering Technology in Construction Engineering Technology with options in Building and Heavy/Highway, Electrical Engineering Technology (EET) with a Computer option, Fire Protection and Safety Engineering Technology, Mechanical Engineering Technology (MET), and Mechatronics and Robotics.
- Undergraduate minors in Construction, Emergency Management, Mechatronic Engineering Technology for EET students, Mechatronic Engineering Technology for MET students, and Safety and Exposure Sciences.
- Master of Science in Engineering Technology with options in Fire Safety and Explosion Protection and Mechatronics and Robotics.
- Master of Science in Fire and Emergency Management Administration.
- Doctor of Philosophy in Fire and Emergency Management Administration.

## Accreditation

### UNDERGRADUATE ENGINEERING DEGREE PROGRAMS

The following OSU College of Engineering, Architecture and Technology programs are individually accredited by the Engineering Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

- Aerospace Engineering
- Architectural Engineering
- Biosystems Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Electrical Engineering
- Industrial Engineering & Management
- Mechanical Engineering

### UNDERGRADUATE ENGINEERING TECHNOLOGY DEGREE PROGRAMS

The following OSU College of Engineering, Architecture and Technology programs are individually accredited by the Engineering Technology

Accreditation Commission of ABET, <https://www.abet.org> (<https://www.abet.org/>).

- Construction Engineering Technology (BS in Engineering Technology)
- Electrical Engineering Technology (BS in Engineering Technology)
- Fire Protection and Safety Engineering Technology (BS in Engineering Technology)
- Mechanical Engineering Technology (BS in Engineering Technology)

### UNDERGRADUATE ARCHITECTURE DEGREE PROGRAM

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year term, an eight-year term with conditions, or a two-year term of continuing accreditation, or a three-year term of initial accreditation, depending on the extent of its conformance with established education standards. Doctor of Architecture and Master of Architecture degree programs may require a non-accredited undergraduate degree in architecture for admission. However, the non-accredited degree is not, by itself, recognized as an accredited degree.

The Oklahoma State University School of Architecture offers the following NAAB-accredited degree programs:

B. Arch. (154 undergraduate credits)

Next accreditation visit: 2025, <http://www.naab.org/>.

## High School Preparation

In addition to the curricular requirements for admission specified by OSU, the College of Engineering, Architecture and Technology strongly recommends that students have a fourth year of mathematics and an additional year of laboratory science.

Initial placement in OSU mathematics courses is by placement examination to ensure that each student will be challenged but has the preparation to be successful in the first mathematics course. Placement in science courses is based on prior preparation in the science and completion of or placement beyond prerequisite mathematics courses. When appropriate, a student with an exceptionally strong background can obtain academic credit by advanced standing examination or by College Level Examination Program (CLEP) tests or similar.

## Special College Programs

**CEAT Living Learning Program (LLP):** In partnership with OSU Housing & Residential Life, a Living Learning Program (LLP) has been established by CEAT within Parker Hall. Parker Hall is a traditional-style residential facility with rooms for female students on the 2<sup>nd</sup> floor and rooms for male students on the 3<sup>rd</sup> – 5<sup>th</sup> floors. Rooms in Parker Hall are reserved for first-year CEAT students and provide an immersive environment to help them succeed in CEAT and at OSU. Special programming is provided, and upper-class mentors live on each of the floors. The CEAT In-Residence program allows a CEAT representative, currently a PhD student and graduate research assistant studying Chemical Engineering, to live on the ground floor of Parker Hall and provide inspiration and mentorship to students. The second floor of CEAT Parker Hall is often referred to as Maude's Squad in recognition of the first female graduate from CEAT. All Living Learning Programs provide an atmosphere that is conducive to

study. Students experience a community where they can work together, have access to tutoring and other services, and serve as role models for other students. Special activities are planned for the floors, including events with faculty and other leaders. They are highly recommended for student success in CEAT. The application process for OSU LLPs begins on October 1<sup>st</sup>. <https://ceat.okstate.edu/studentservices/living-learning-parker.html>

**CEAT Summer Bridge Program:** Summer Bridge is a three-week residential, on-campus, preparatory program for incoming first-year students majoring in engineering, architecture, or technology. The program is designed to guide students as they transition from high school to the academic rigors of CEAT and OSU coursework through academic review tracks, mock exams, orientation seminars and engineering design projects. Participants build relationships with peers, faculty and staff, and start the process of building strong study habits with the assistance of CEAT upperclassmen as mentors. CEAT Summer Bridge participants are required to live in Parker Hall. Summer Bridge participants receive academic credit for their UNIV 1111 (First-Year Experience) requirement. <https://ceat.okstate.edu/studentservices/summer-bridge-program.html>

**Discover Architecture Program:** Discover Architecture introduces high school students to Architecture, Architectural Engineering, Landscape Architecture, and Construction Engineering Technology. This week-long summer program has academic projects that are designed to stimulate creativity and be fun! Participants live in campus housing; complete projects that include the application of sketching and designing in model, using computer presentation tools; and participate in several hands-on building projects to help students understand if a career in the building arts might be right for them. The program is offered by Oklahoma State University faculty at the Stillwater campus for students who are at least 16 years of age. <https://ceat.okstate.edu/arch/discover-architecture.html>

**CEAT Scholars Program:** The CEAT Scholars Program provides educational experiences for a select group of students to develop and enhance their technical competence, worldview, professional and public responsibility, and leadership skills. Based on demonstrated academic and leadership potential, up to 100 scholars are selected each year through an application and interview process, to enter this four-year program. Students participate in special lectures, regional tours, cultural events, seminars, personal development activities, faculty mentoring, and international travel. [https://ceat.okstate.edu/scholarships/ceat\\_scholars\\_program.html](https://ceat.okstate.edu/scholarships/ceat_scholars_program.html)

**CEAT Freshman Research Scholars Program:** This program provides opportunities for accelerated intellectual development through engaging in undergraduate research right away for a select group of students. Each student is assigned a research faculty mentor and participates in a research project. The initial assignment is for one year and may be extended based on student interest, research project continuation and mentor availability. <https://scholardevelopment.okstate.edu/freshman-research-scholars/prospective-freshman-researchers> (<https://scholardevelopment.okstate.edu/freshman-research-scholars/prospective-freshman-researchers/>)

**W.W. Allen Scholars Program:** The W.W. Allen Scholars Program is the premier scholarship program within CEAT and is designed for top-performing students who also show significant promise in their leadership experience and career ambition. The program is highlighted by the opportunity to pursue a master's degree at the University of Cambridge in the United Kingdom following graduation from OSU. Two incoming first-year students are selected annually through an

extensive application and interview process. <https://ceat.okstate.edu/scholarships/w-w-allen-scholars-program.html>

**W.W. Allen Boys & Girls Club Scholarship Program:** The W.W. Allen Boys and Girls Club Scholars Program (BGC Scholars) at OSU awards an incoming freshman between \$19,000-\$55,000 per year for up to four years of study toward a BS degree in engineering. This includes an OSU tuition waiver between \$4,000-\$40,000 and an annual CEAT Scholarship of \$15,000. Additionally, each scholar will participate in funded enrichment, travel, and networking opportunities. One incoming first-year student is selected annually through an application and interview process. <https://ceat.okstate.edu/scholarships/scholar-programs/ww-allen-boys-and-girls-club-program.html>

**CEAT Grand Challenge Scholars Programs:** This scholar program focuses on preparing students to be the generation that solves the Grand Challenges facing society in this century with emphasis on integrative research, interdisciplinary curriculums, entrepreneurship, global understanding and service learning. <https://ceat.okstate.edu/gcsp.html>

**CEAT Tutoring:** CEAT provides free tutoring led by peers for most required Math, Physics, Chemistry, Computer Science and Engineering core courses. <https://ceat.okstate.edu/studentservices/tutoring.html>

**CEAT Career Services:** CEAT's Career Services team is dedicated to helping students reach their career goals by providing individualized career assistance, specialized workshops, and resources on a variety of topics including career exploration, job search strategies, resume and job search correspondence preparation, interviewing skills, and salary negotiation. The office also supports the Cooperative Education Program (Co-op) and provides individual career assessments for undergraduate students. As part of the OSU Career Services system, CEAT Career Services works in close partnership with CEAT Student Academic Services to link academic and career success. <https://ceat.okstate.edu/studentservices/career-services/index.html> (<https://ceat.okstate.edu/studentservices/career-services/>)

**CEAT Cooperative Education Program:** Cooperative Education programs, also known as a co-op, provide an avenue for undergraduate students to complete a year of full-time work experience directly related to their academic studies. Co-op students alternate terms of major-related employment with terms of full-time coursework to achieve a quality education and industry experience. In addition to professional development, participation in the Co-op program earns academic credit and maintains full-time enrollment status for students during the work experience terms. <https://ceat.okstate.edu/studentservices/career-services/coop-faq.html>

**CEAT Study Abroad Programs:** Studying abroad within CEAT offers students the opportunity to expand their education by traveling and studying outside the United States. Opportunities range from short-term faculty-led programs to semester exchange opportunities. <https://ceat.okstate.edu/studyabroad/>

## Departmental Clubs and Honor Societies

Alpha Epsilon (Biosystems and Agricultural Engineering Honor Society)

Alpha Omega Epsilon (Professional and Social Sorority for Women in Engineering)

Alpha Pi Mu (Industrial Engineering and Management Honor Society)

Alpha Rho Chi (Architecture Honor Society)

The Almighty S(he)

Amateur Radio Club - W5YJ

American Association of Drilling Engineers

American Indian Science and Engineering Society  
 American Institute of Architecture Students  
 American Institute of Aeronautics & Astronautics  
 American Institute of Chemical Engineers  
 American Society for Quality  
 American Society of Agricultural and Biological Engineers  
 American Society of Civil Engineers  
 American Society of Heating, Refrigeration and Air Conditioning Engineers  
 American Society of Mechanical Engineers  
 American Society of Mechanical Engineers - Technology  
 American Society of Safety Engineers  
 APICS  
 Association for Supply Chain Management  
 Architectural Engineering Institute  
 Architecture Students Teaching Elementary Kids (ASTEK)  
 CEAT Student Council  
 CHEM Kidz  
 Chi Epsilon (Civil and Architectural Engineering Honor Society)  
 Concrete Canoe  
 Construction Management Society  
 Construction Specifications Institute  
 Cowboy Motorsports Quarter Scale Tractor Team  
 Cowboy Waterworks  
 Engineers Without Borders  
 Eta Kappa Nu (Electrical and Computer Engineering Honor Society)  
 Firefighter Combat Challenge  
 Fire Protection Society  
 Freedom by Design  
 Institute for Operations Research and the Management Sciences  
 Institute of Electrical and Electronics Engineers (IEEE)  
 Institute of Electrical and Electronics Engineers - Technology (IEEE-T)  
 Institute of Industrial and Systems Engineers  
 Institute of Transportation Engineers  
 International Fluid Power Society  
 International Society for Automation  
 Mercury Robotics  
 National Society of Black Engineers  
 National Organization of Minority Architecture Students  
 Omega Chi Epsilon (Chemical Engineering Honor Society)  
 Out in Science, Technology, Engineering, and Mathematics (oSTEM)  
 OSU Automation Society  
 Pi Tau Sigma (Honorary Mechanical Engineering Society)  
 Sigma Gamma Tau (Honorary Aerospace Engineering Society)  
 Sigma Lambda Chi (Construction Engineering Technology Honor Society)  
 Society of Asian Scientists and Engineers  
 Society of Automotive Engineers  
 Society of Automotive Engineers Formula Racing Team  
 Society of Automotive Engineers Mini-Baja Team  
 Society of Fire Protection Engineers  
 Society of Hispanic Professional Engineers  
 Society of Petroleum Engineers  
 Society of Manufacturing Engineers  
 Society of Women Engineers  
 Student Association of Fire Investigators  
 Student Firefighter Combat Challenge Team  
 Tau Alpha Pi (Technology Student's Honor Society)  
 Tau Beta Pi (Engineering Student's Honor Society)  
 Tau Sigma Delta (Architecture Student's Honor Society)  
 Theme Park Engineering Group  
 Theta Tau

## CEAT Honors Program

The OSU Honors College provides challenges for undergraduate students of unusually high ability, motivation and initiative. Honors classes, seminars and independent study courses are designed to align students and instructors in a manner that encourages discussion and provides a mature approach to learning.

Information regarding The Honors College at OSU, and Scholar Development/Leadership Programs can be found on the Honors College tab in the left menu.

## Scholarships

Numerous CEAT scholarships are funded through the generosity of private donations made by alumni, industry partners and other friends of the College. Awards are available for undergraduate and graduate students at all levels and are granted based on academic achievement, campus involvement and leadership potential, as well as financial need. First-year and undergraduate transfer students are automatically considered for most CEAT scholarships, based off the student's eligibility through their OSU application and acceptance to OSU. For priority scholarship consideration students should apply and be accepted to OSU by November 1. Students must be accepted by Feb. 1 for all other scholarship considerations. All CEAT scholarships are awarded on a competitive basis. Some scholarships require additional applications. Details can be found at <https://ceat.okstate.edu/scholarships/index.html> (<https://ceat.okstate.edu/scholarships/>).

Current undergraduate (continuing) students should submit applications for general CEAT scholarships online at <https://ceat.okstate.edu/scholarships/index.html> (<https://ceat.okstate.edu/scholarships/>).

## Computing Requirements

For students in Engineering, Architecture and Technology, the college requires all students have several basic tools. Students in the College must have a scientific calculator and a laptop computer. The scientific calculator should be capable of computing trigonometric functions, logarithmic and natural logarithmic functions, basic statistical analysis, and all algebraic functions. Laptop requirements are published at <https://ceat.okstate.edu/itservices/>.

## Academic Advising

Academic Advising for all first-year students, and some transfer students, is provided by the Office of Student Success. Student Success advisors are well-equipped to support students navigate their CEAT degrees. Each student is personally advised in the planning and scheduling of his or her coursework, assisted with the selection of a major, and is advised individually on matters of career choice, activities at OSU and other academic matters. Each CEAT student and their advisor carefully select general education, core engineering or architecture courses, and elective courses to meet the curriculum objectives and accreditation criteria. To assist students in planning and mapping their academic success, an electronic account is created for each student at the time of initial enrollment. Students have access to their personal account, via the SLATE System, where they can review their advising materials, degree sheet, flowchart and other documents. The advisor assists the student with academic decisions and works to ensure accuracy and compliance; however, the ultimate responsibility for meeting degree requirements rests with the student. Learn more about the Office of Student Success here: <https://success.okstate.edu/>.



After the first year, students are advised by CEAT's Office of Student Academic Services (<https://ceat.okstate.edu/studentservices/>) where they continue to receive one-on-one advising and coaching to meet the needs of their academic experience and undergraduate degree.

## Academic Areas

- Biosystems and Agricultural Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/>)
- Chemical Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/chemical-engineering/>)
- Civil and Environmental Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/civil-environmental-engineering/>)
- Division of Engineering Technology (<http://catalog.okstate.edu/engineering-architecture-technology/engineering-technology/>)
  - Electrical Engineering Technology (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-engineering-technology/>)
  - Mechanical Engineering Technology (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-engineering-technology/>)
  - Construction Engineering Technology (<http://catalog.okstate.edu/engineering-architecture-technology/construction-engineering-technology/>)
  - Fire and Emergency Management Program (<http://catalog.okstate.edu/engineering-architecture-technology/fire-emergency-management-program/>)
  - Fire Protection and Safety Engineering Technology (<http://catalog.okstate.edu/engineering-architecture-technology/fire-protection-safety-engineering-technology/>)
  - Mechatronics and Robotics (<http://catalog.okstate.edu/engineering-architecture-technology/mechatronics-robotics/>)
- Electrical and Computer Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-computer-engineering/>)
- Industrial Engineering and Management (<http://catalog.okstate.edu/engineering-architecture-technology/industrial-engineering-management/>)
  - Engineering and Technology Management (<http://catalog.okstate.edu/engineering-architecture-technology/engineering-technology-management/>)
- Materials Science and Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/materials-science-engineering/>)
- Mechanical and Aerospace Engineering (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/>)
- School of Architecture (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/>)
- Architectural Design Studies: Design Management and Leadership, BS (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-design-studies-design-management-leadership-bs/>)
- Architectural Design Studies: Design Thinking and Communication, BS (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-design-studies-design-thinking-communication-bs/>)
- Architectural Design Studies: Design, Culture and Urban Studies, BS (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-design-studies-design-culture-urban-studies-bs/>)
- Architectural Engineering: Construction Project Management, BEN (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-engineering-construction-project-management-ben/>)
- Architectural Engineering: Structures, BEN (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-engineering-structures-ben/>)
- Architecture, BAR (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/bar/>)
- Biosystems Engineering: Bioprocessing & Food Processing, BSBE (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/bioprocessing-food-processing-bsbe/>)
- Biosystems Engineering: Biosystems Engineering, BSBE (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/biosystems-engineering-general-option-bsbe/>)
- Biosystems Engineering: Environmental and Natural Resources, BSBE (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/environmental-natural-resources-bsbe/>)
- Biosystems Engineering: Machine Systems & Agricultural Engineering, BSBE (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/machine-systems-agricultural-engineering-bsbe/>)
- Biosystems Engineering: Pre-Medical, BSBE (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/pre-medical-bsbe/>)
- Chemical Engineering, BSCH (<http://catalog.okstate.edu/engineering-architecture-technology/chemical-engineering/bsch/>)
- Chemical Engineering: Biomedical/Biochemical, BSCH (<http://catalog.okstate.edu/engineering-architecture-technology/chemical-engineering/biomedical-biochemical-bsch/>)
- Chemical Engineering: Pre-Medical, BSCH (<http://catalog.okstate.edu/engineering-architecture-technology/chemical-engineering/pre-medical-bsch/>)
- Civil Engineering, BSCV (<http://catalog.okstate.edu/engineering-architecture-technology/civil-environmental-engineering/civil-engineering-bscv/>)
- Civil Engineering: Environmental, BSCV (<http://catalog.okstate.edu/engineering-architecture-technology/civil-environmental-engineering/civil-engineering-environmental-bscv/>)
- Computer Engineering, BSCP (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-computer-engineering/computer-bscp/>)

CEAT Dean's Office and CEAT Online Learning (<http://catalog.okstate.edu/engineering-architecture-technology/deans-office-ceat-distance-education/>)

## Undergraduate Programs

- Aerospace Engineering, BSAE (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/aerospace-engineering-bsae/>)

- Computer Engineering: Software Engineering, BSCP (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-computer-engineering/computer-software-engineering-bscp/>)
- Construction Engineering Technology: Building, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/construction-engineering-technology/building-bset/>)
- Construction Engineering Technology: Heavy, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/construction-engineering-technology/heavy-bset/>)
- Electrical Engineering Technology, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-engineering-technology/bset/>)
- Electrical Engineering Technology: Computer, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-engineering-technology/computer-bset/>)
- Electrical Engineering, BSEE (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-computer-engineering/electrical-bsee/>)
- Fire Protection and Safety Engineering Technology, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/fire-protection-safety-engineering-technology/bset/>)
- Industrial Engineering and Management, BSIE (<http://catalog.okstate.edu/engineering-architecture-technology/industrial-engineering-management/bsie/>)
- Mechanical Engineering Technology, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-engineering-technology/bset/>)
- Mechanical Engineering, BSME (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/mechanical-bsme/>)
- Mechanical Engineering: Fire Protection Systems, BSME (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/mechanical-fire-protection-systems-bsme/>)
- Mechanical Engineering: Petroleum, BSME (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/mechanical-petroleum-bsme/>)
- Mechanical Engineering: Pre-Medical, BSME (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/mechanical-pre-medical-bsme/>)
- Mechatronics and Robotics, BSET (<http://catalog.okstate.edu/engineering-architecture-technology/mechatronics-robotics/mechatronics-robotics-bset/>)
- Engineering and Technology Management, Graduate Certificate/MS (<http://catalog.okstate.edu/engineering-architecture-technology/engineering-technology-management/>)
- Engineering Technology: Mechatronics & Robotics, MS (<http://catalog.okstate.edu/graduate-college/masters-degrees/engineering-technology-mechatronics-robotics-ms/>)
- Engineering Technology: (<http://catalog.okstate.edu/graduate-college/masters-degrees/engineering-technology-fire-safety-explosion-protection-ms/>) Fire Safety and Explosion Protection, MS (<http://catalog.okstate.edu/engineering-architecture-technology/fire-protection-safety-engineering-technology/>)
- Environmental Engineering, MS (<http://catalog.okstate.edu/graduate-college/masters-degrees/environmental-engineering-ms/>)
- Fire and Emergency Management Administration, MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/fire-emergency-management-program/#graduateprogramstext>)
- Industrial Engineering and Management, MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/industrial-engineering-management/#graduateprogramstext>)
- Integrative Design of Building Envelope, Graduate Certificate (<http://catalog.okstate.edu/graduate-college/graduate-certificate/integrative-design-building-envelope-gcrt/>)
- Materials Science and Engineering, MEN/MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/materials-science-engineering/#graduateprogramstext>)
- Mechanical and Aerospace Engineering, MEN/MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/mechanical-aerospace-engineering/#graduateprogramstext>)
  - Unmanned Aerial Systems MS (<http://catalog.okstate.edu/graduate-college/masters-degrees/mechanical-aerospace-engineering-unmanned-aerial-systems-ms/>)
- Petroleum Engineering, MS/PhD (p. 1)
- Supply Chain & Logistics, Graduate Certificate (<http://catalog.okstate.edu/graduate-college/graduate-certificate/supply-chain-logistics-gcrt/>)

## Graduate Programs

- Biosystems Engineering, MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/biosystems-agricultural-engineering/#graduateprogramstext>)
- Chemical Engineering, MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/chemical-engineering/#graduateprogramstext>)
- Civil Engineering, MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/civil-environmental-engineering/#graduateprogramstext>)
- Electrical Engineering, MEN/MS/PhD (<http://catalog.okstate.edu/engineering-architecture-technology/electrical-computer-engineering/#graduateprogramstext>)

## Minors

### Undergraduate Minors

Contact the following individuals for additional information related to minors in their academic area.

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- Architectural Studies: Architecture and Entrepreneurship (ASAE), Minor (<http://catalog.okstate.edu/engineering-architecture-technology/architecture/architectural-studies-architecture-entrepreneurship-minor/>)
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