The Baylor School of Engineering & Computer Science (ECS) fosters success and opportunity for highly capable and motivated students.

Established in 1995, Baylor’s School of Engineering & Computer Science prepares graduates for professional practice and servant leadership with a Christian worldview.

UKNFORMATIONS (BSI)
Offering two options, major in data science or bioinformatics.

COMPUTER SCIENCE (BSCS)
Offering concentrations in computer science, cybersecurity and software engineering, plus a Computer Science Fellows major.

UNDERGRADUATE DEGREE PROGRAMS

ELECTRICAL AND COMPUTER ENGINEERING (BSEE)

ENGINEERING (BSEE)
Offering concentrations in biomedical, environmental, geo-petro and humanitarian. This plan can be paired with any minor.

MECHANICAL ENGINEERING (BSEME)

INFORMATIONS (BSI)
Offering two options, major in data science or bioinformatics.

SCHOOL OF ENGINEERING & COMPUTER SCIENCE

ABOUT BAYLOR

Chartered in 1845 by the Republic of Texas through the efforts of Baptist pioneers, Baylor University today is a private Christian university, a nationally ranked liberal arts institution and a Carnegie-classified “very high research activity” research university. Throughout its celebrated 177-year history of liberal and service education, Baylor has consistently represented a belief in and commitment to Christian-based values, and maintains a unique reputation honored within higher education.

Established in 1995, Baylor’s School of Engineering & Computer Science prepares graduates for professional practice and servant leadership with a Christian worldview.

ECS SNAPSHKT

ECS total enrollment 970
Undergraduate 839
Graduate 131
Average class size 22
Female population 25.4%
Minority population 34.5%

CONTACT

SCHOOL OF ENGINEERING & COMPUTER SCIENCE
254-710-3990
ECS_Student_Services@baylor.edu
baylor.edu/ecs

CAMPUSS VISITS
1-800-BAYLOU-U
Campus. Visit@baylor.edu
baylor.edu/visit

VIRTUAL TOUR
ecsbaylor.university-tour.com

Baylor University admits students of any race, color, national and ethnic origin, sex, age, disability, or veteran status to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, national and ethnic origin, sex, age, disability, or veteran status in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.
**Teal Residential College** is a living-learning program at Baylor designed with Engineering and Computer Science students in mind. Members live in one of the newest residence halls on campus, which includes a variety of room styles, a tech lab, private and group study spaces, and much more!

“I am on Teal Council at Teal Residential College, where I've made great friends and aided others in forming lasting relationships. I'm also an officer in Engineers with a Mission and a member of Kappa Chi Alpha, a Christian sorority. These opportunities have helped me grow spiritually, academically, and socially. In the future, I want to work on developing a prosthetic pancreas for diabetics.”

**SPENCER STINSON**

**85 ENGINEERING WITH BIOMEDICAL CONCENTRATION**

**Student Organizations**

Baylor's School of Engineering and Computer Science hosts a variety of student organizations. A few examples are below; visit ecs.baylor.edu/studentorgs for a full list.

American Society of Mechanical Engineers | Association for Bioinformatics and Biotechnology | Association for Computing Machinery | Baylor Aero | Baylor Basic Utility Vehicle | Baylor Theme Park Engineering and Design | Baylor Virtual Reality Club | Computing for Compassion | Engineers with a Mission | Institute of Electrical and Electronics Engineers | National Society of Black Engineers | Oso Esports | SAE Baja | Society of Plastics Engineers | Society of Women Engineers | Women in Science and Technology

**Expanded Options**

**UNDERGRADUATE RESEARCH**

Unlike some universities, at Baylor you don't have to wait until graduate school to get involved in research. Even freshmen have opportunities to take courses with world-class researchers and then work alongside them, discovering new knowledge in labs at the Baylor Research and Innovation Collaborative.

**CAPSTONE**

In both Jr. and Sr. Design, Engineering and Computer Science project teams develop and/or improve real-world products and services, often in partnership with companies like Lockheed Martin, LL Bean, Brand Companies, Security Brands, Shawn Williams and Pariveda.

**COMPETITIVE LEARNING**

**CYBERSEC**

Baylor CyberSec focuses on training students to safeguard information and technology from cyberattacks. Employers heavily recruit at competitions where our students often find success, including a recent regional championship and national 4th place at the National Collegiate Cyber Defense Competition.

**ICPC**

Baylor is headquarters for the International Collegiate Programming Contest (ICPC), the premier global programming competition conducted by and for the world's universities. Learn more at ICPCNews.com.

**WORLDWIDE LEADERSHIP & SERVICE**

**ENGINEERS WITH A MISSION**

Students utilize their technical skills through technology projects and mission-oriented trips hosted both locally and in developing countries.

**COMPUTING FOR COMPASSION**

Students use technical, compilation-based organizations, providing technological solutions and education to schools, nonprofits and churches.

**STUDY ABROAD**

University College Dublin and Comillas Pontifical University in Madrid are two of many places around the world where Baylor ECS has programs in which students can earn credits that fit our degree plans.

**Graduate Degree Options**

**MSCS: Master of Science in Computer Science**

**ME: Master of Science in Computer Engineering**

**MSE: Master of Science in Electrical and Computer Engineering**

**PhD: Doctor of Philosophy in Computer Science**

**PhD: Doctor of Philosophy in Electrical and Computer Engineering**

**MSME: Master of Science in Mechanical Engineering**

**PhD: Doctor of Philosophy in Mechanical Engineering**

Baylor Engineering and Computer science graduate student programs offer exciting opportunities to conduct original research in leading-edge and interdisciplinary areas through joint degree programs. Learn more about our graduate programs by visiting ecs.bayloruniversity.edu.

**ADVANCED LEARNING**

**ICPC**

Baylor is headquarters for the International Collegiate Programming Contest (ICPC), the premier global programming competition conducted by and for the world's universities. Learn more at ICPCNews.com.

**L3Harris**

Spring 2021 Graduates

94.1% Placement rate 180 days out from graduation

$76,781 Average Salary

98,754 Average Bonus

**SpaceX**

**Amazon**

**L3Harris**

**Raytheon**

**IBM**

**Google**

**Lockheed Martin**

**Samsung**

**3M**

**Bell Helicopter**

**AT&T**

**Northrop Grumman**

**General Motors**

**Qualcomm**

**LAUNCHING CAREERS**

ECS graduates are always in high demand, and our dedicated Career Services team assists students with internships and employment.

These are some of the companies that hire our graduates:

**SpaceX**

**Amazon**

**L3Harris**

**Raytheon**

**IBM**

**Google**

**Lockheed Martin**

**Samsung**

**3M**

**Bell Helicopter**

**AT&T**

**Northrop Grumman**

**General Motors**

**Qualcomm**

**“As a freshman, I was able to do research with my professor on protecting the U.S. military from cyber attacks. My work on the cybersecurity team landed me an internship with Dell, which led to the company offering me a full-time position – before I even started my sophomore year on campus!”**

**VINCENT LEUNG**

**PHD, ASSOCIATE PROFESSOR, ELECTRICAL AND COMPUTER ENGINEERING**

**LEARN MORE ABOUT VINCENT ONLINE。”**