OPPORTUNITIES FOR ECS STUDENTS

Teal Residential College is one of Baylor’s living-learning programs created with engineering and computer science students in mind. Members live in one of the newest residence halls on campus, which includes a tech lab, game room, library, conference rooms, private and group study spaces, a two-story dining facility and much more.

“I have a really great community of friends here. I met half of them during my second day in Teal. A lot of them are in my major, which has been really cool and accessible. They’re pushing through and they’re facing the same challenges, so it gives me the strength to do it too.”

LAUREN RIPPY
BSME ’19

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 BUV | Baylor Infosec | Baylor Theme Park Engineering and Design | Bear Bots | Biomedical Engineering Society | Computing for Compassion | Engineers with a Mission | IEEE | National Society of Black Engineers | Society of Automotive Engineers International | Society of Plastics Engineers | Society of Women Engineers | Women in Computer Science
Expanded Opportunities

COMPETITIVE LEARNING

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

CYBERSEC
Baylor CyberSec focuses on training students to safeguard information and technology from the ever-evolving threat of unauthorized access and attack.

OSO ESPORTS
Oso Esports is an organization that develops and promotes the emergence of eSports at Baylor in video gaming and entertainment.

HUMANITARIAN ENGINEERING

ENGINEERS WITH A MISSION
Engineering students serve people of developing countries with their technical skills through appropriate technology projects and mission-oriented trips abroad. Learn more about how Baylor ECS prepares its graduates for worldwide impact.

BAYLOR BUV
Baylor BUV (Basic Utility Vehicle) is a humanitarian organization that works as a team to build a vehicle for mission purposes. The BUV organization utilizes classroom knowledge as well as technical skills. Watch the latest video of the Baylor BUV team in Uganda.

STUDY ABROAD

UNIVERSITY COLLEGE DUBLIN AND COMILLAS PONTIFICAL UNIVERSITY
Baylor Engineering and Computer Science has programs available in various countries around the world. Recent students have experienced study abroad in Dublin, Ireland and Madrid, Spain.

AFTER GRADUATION

The Top 10 Employers who hire Baylor Engineering and Computer Science students:

ExxonMobil    Amazon
Lockheed Martin Bell Helicopter
Accenture    General Motors
Brandt    L3
PSC Biotech    Raytheon

Spring 2019
91% Placement rate 90 days out from graduation
$66,845 Average Salary
$4,654 Average Bonus

Fall 2019
69% Placement rate 90 days out from graduation
$69,854 Average Salary
$7,007 Average Bonus
Graduate Degree Options

**MSCS**: Master of Science in Computer Science  
**Online MSCS**: Master of Science in Computer Science  
**PhD CS**: Doctor of Philosophy in Computer Science  
**MSECE**: Master of Science in Electrical and Computer Engineering  
**PhD ECE**: Doctor of Philosophy in Electrical and Computer Engineering  
**MSBME**: Master of Science in Biomedical Engineering  
**ME**: Master of Engineering  
**MBA/ME**: Master of Business Administration and Master of Engineering  
**MSME**: Master of Science in Mechanical Engineering  
**PhD ME**: Doctor of Philosophy in Mechanical Engineering

Baylor engineering and computer science graduate education offers exciting opportunities to conduct original research in leading-edge areas and to extend undergraduate knowledge about engineering and computer science. Learn more about our graduate programs by visiting [ecsbaylor.university-tour.com](http://ecsbaylor.university-tour.com)

“I was driven to engineering through a desire to help people, so I’ve really enjoyed working on medical devices. Going into hospitals, working directly with caregivers and seeing their pain points — you really get a sense of the impact your work will have in the world, and that is incredibly rewarding.”

**HEATHER BENOIT**  
BSE ’09, MSBME ’11

“I during my internship, I worked on a project for mobile development of wearable technologies at ExxonMobil. The work that I did was helping to create the ‘connected worker’. By equipping the workers out in the field with these technologies, they can really up their productivity, safety and ability to do more things in a really cool way. It was kind of a research role, if you will, and I ended up building an app.”

**MARIO LOPEZ**  
SPRING 2019

LEARN MORE ABOUT HEATHER ONLINE.

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

**UNDERGRADUATE DEGREE PROGRAMS**

**ELECTRICAL AND COMPUTER ENGINEERING (BSECE)**

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

**MECHANICAL ENGINEERING (BSME)**

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

**COMPUTER SCIENCE (BSCS)**
Offering concentrations in computer science and software engineering.

**ECS SNAPSHOT**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean SAT</td>
<td>1351</td>
</tr>
<tr>
<td>Mean ACT</td>
<td>30</td>
</tr>
<tr>
<td>ECS total enrollment</td>
<td>899 (Fall 2019)</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>783</td>
</tr>
<tr>
<td>Graduate</td>
<td>116</td>
</tr>
<tr>
<td>Average class size</td>
<td>22</td>
</tr>
<tr>
<td>Female population</td>
<td>24%</td>
</tr>
<tr>
<td>Minority population</td>
<td>36%</td>
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Established in 1995, Baylor’s School of Engineering & Computer Science provides a superior education through instruction, scholarship and service to prepare graduates for professional practice and responsible leadership with a Christian worldview.
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 “high research activity” research university. Throughout its celebrated 170-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.