Major in Electrical Engineering (Computer Engineering Concentration) Bachelor of Science (BS)  
136 Credit Hours

Texas Education Code Section 61.822 requires that Texas public institutions facilitate the transferability of lower-division course credit through the Core Curriculum. The Core Curriculum contains nine Foundational Component Areas (42 hours), which every Texas State student must satisfy to graduate.

Texas State is a participant in the *Texas Common Course Numbering System (TCCNS)*. Use the TCCNS to find courses you can take at your institution to ensure transfer of credit toward freshman- and sophomore-level degree requirements at Texas State.

010 Communication 6 required hours
020 Mathematics 3 required hours *(see Recommended Core Curriculum Choices below)*
030 Life and Physical Sciences 6 required hours *(see Recommended Core Curriculum Choices below)*
040 Language, Philosophy & Culture 3 required hours
050 Creative Arts 3 required hours
060 American History 6 required hours
070 Government/Political Science 6 required hours
080 Social and Behavioral Sciences 3 required hours *(see Recommended Core Curriculum Choices below)*
090 Component Area Option 6 required hours

_Students will receive core credit at Texas State for any course successfully completed in the Core Curriculum of the sending institution._

**REQUIRED CORE CURRICULUM OPTIONS**

This degree requires specific courses for degree completion, and with wise planning, you may take courses that satisfy both the Core Curriculum and the BS-Electrical Engineering requirements:

<table>
<thead>
<tr>
<th>TCCN</th>
<th>TEXAS STATE</th>
</tr>
</thead>
</table>
| 020 Mathematics | MATH 2413  
MATH 2471 |
| 030 Life and Physical Sciences | PHYS 2425  
PHYS 1430  
PHYS 2426  
PHYS 2425 |
| 080 Social and Behavioral Sciences | ECON 1301 or 2301  
ECO 2301 or 2314 |

**ADDITIONAL LOWER-DIVISION ELECTRICAL ENGINEERING REQUIREMENTS**

<table>
<thead>
<tr>
<th>TCCN</th>
<th>TEXAS STATE</th>
</tr>
</thead>
</table>
| 020 Mathematics | MATH 2414  
MATH 2415  
MATH 2320  
MATH 2305  
COSC 1420 or 1337 or 1437  
COSC 2315 or 2336 or 2436  
ENGR 2405 or 2305/2105  
CHEM 1409 |
| 030 Life and Physical Sciences | MATH 2472  
MATH 3373  
MATH 3323  
MATH 2358  
CS 1428  
CS 2308  
EE 2400  
CHEM 1335 & 1141 |
UNIVERSITY ADMISSION:

1. Submit a completed application, all supporting documents, including an official high school transcript and transcript(s) from every institution attended and application fee, to the Office of Undergraduate Admissions by the stated priority date.

2. Students with 1-29 transferable hours must have a minimum 2.0 GPA in all transferable course work and meet freshman admission standards. Students with 30 or more transferable hours must have a minimum 2.25 GPA in all transferable course work. All students must be eligible to return to all previous institutions and be at least one full semester out of high school.

Students transferring to Texas State from a community college may elect to follow the Texas State Undergraduate Catalog that was in effect at the time they enrolled at their community college. Students may also, with the approval of their College Dean, follow a subsequent catalog. Students are reminded to refer to their designated catalog for information related to University requirements for curriculum, graduation, probation/suspension, and other general information.

FOR MORE INFORMATION, CONTACT:

Office of Undergraduate Admissions
Texas State University
Richard A. Castro Undergraduate Admissions Center
429 N. Guadalupe St.
San Marcos, Texas 78666 512.245.2364
www.admissions.txstate.edu

College of Science and Engineering
Advising Center, Centennial Hall 202
512.245.1315
www.cose.txstate.edu/advising

Texas State reserves the right to withdraw courses at any time, to change its fees or tuition, calendar, curriculum, degree requirements, graduation procedures, and any other requirements affecting students. Changes will become effective whenever authorities determine and will apply to both prospective students and those already enrolled.