Your Future

Computer Science involves every aspect of the human endeavor, from common technologies like mobile phones, artificial intelligence, medical imaging, cybersecurity, software engineering, networks and distributed systems, real-embedded systems, 3D printing, and game development. Our department encompasses a broad-based program that emphasizes the areas of computer programming languages, data structures, information systems, software engineering, applications of computer science and computer architecture.

Our industry-driven approach to computer game development focuses on a mixed skill set, including: programming, art and design. Many developers look for candidates with one of these while the best developers are capable of all three. With this diverse skill set, our graduates are prepared for advanced roles within the industry.

Career Opportunities

- Computer Systems Analyst
- Database Administrator
- Software Developer
- Web Developer
- Computer Programmer
- IT Manager
- Network Security Analyst
- Software Engineer
- Software Architect

Career Opportunities

START WITH LONE STAR COLLEGE. FINISH AT LAMAR UNIVERSITY!

LU SCHOLARSHIPS

<table>
<thead>
<tr>
<th>Scholarship Type</th>
<th>Amount/Year</th>
<th>Transferable GPA</th>
<th>Renewable?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer Academic Excellence Scholarship*</td>
<td>$2,000</td>
<td>3.5-4.0</td>
<td>YES</td>
</tr>
<tr>
<td>$1,500</td>
<td>3.0-3.49</td>
<td></td>
<td>YES</td>
</tr>
<tr>
<td>PHI Theta Kappa (PTK) Scholarship</td>
<td>$1,000</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
</tbody>
</table>

*Based on availability and for full-time students who have earned more than 30, but less than 90 transfer credits and enrolled in on-campus programs

TO APPLY FOR SCHOLARSHIPS

- Complete your admissions application
- Visit lamar.edu/myscholarships
- Complete the General Application

PRIORITY DEADLINES

<table>
<thead>
<tr>
<th>Semester</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>July 1</td>
</tr>
<tr>
<td>Spring</td>
<td>December 1</td>
</tr>
</tbody>
</table>
I’m ready to apply. What’s next? You’ve made a great choice! Follow the steps below to becoming a Cardinal.

REQUIRED STEPS

1. Finish your degree at Lone Star College
2. Complete your application and transfer to Lamar University through ApplyTexas.org

A.S. COMPUTER SCIENCE

FALL SEMESTER
EDUC 1300 (1) or US HIST 1302 - Learning Framework: 1st Year Exp. or History II
COSC 1436 - Programming Fundamentals I
ENGL 1301 - Composition & Rhetoric I
MATH 2413 - Calculus I
PHED 1164 - Intro to Phys Fitness & Wellness

SPRING SEMESTER
COSC 1437 - Programming Fundamentals II
MATH 2414 - Calculus II
CHEM 1411 - General Chemistry I
ENGL 1302 - Composition & Rhetoric II

SUMMER AT LSC
SPCH 1315 or SPCH 1321 - Public Speaking or Business & Professional Speech
HIST 1310 - US History I

B.S. COMPUTER SCIENCE

FALL SEMESTER
MATH 2415 or 3322 - Calculus & Analytic Geometry III or Intro to Advanced Mathematics
COSC 1436 - Programming Fundamentals I
MATH 2413 - Calculus I
PHED 1164 - Intro to Phys Fitness & Wellness

SPRING SEMESTER
COSC 1437 - Programming Fundamentals II
MATH 2414 - Calculus II
CHEM 1411 - General Chemistry I
ENGL 1302 - Composition & Rhetoric II

SUMMER AT LSC
GOVT 2306 - Texas Government

NOTES AND COMMENTS:

(1) EDUC 1300 is required for First Time in College (FTIC) students. If not FTIC, student will complete HIST 1302. All students must complete HIST 1302 to earn AS.
(2) COSC/CPSC/ELEN options (complete 6 credit hours): COSC 4301, 4307, 4309, 4319, 4322, 4324, 4345; CSPC 3316, 4315, 4316, 4320, 4328, 4330, 4370; ELEN 3381, 4486, 4387, 4304.
(3) COSC/CPSC options (complete 6 credit hours): COSC 4301, 4307, 4309, 4319, 4322, 4324, 4345; CSPC 3316, 4315, 4316, 4320, 4328, 4330, 4370.

HOW TO APPLY

1. Finish your degree at Lone Star College
2. Complete your application and transfer to Lamar University through ApplyTexas.org

Office of Admissions & Recruitment
Lamar University

plan or take a virtual tour at lamar.edu/visit

Lamar University is an equal opportunity/affirmative action educational institution.