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

LU SCHOLARSHIPS

<table>
<thead>
<tr>
<th>AMOUNT/YEAR</th>
<th>TRANSFERABLE GPA</th>
<th>RENEWABLE?</th>
</tr>
</thead>
<tbody>
<tr>
<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>YES</td>
</tr>
<tr>
<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

Fall – July 1
Spring – December 1
**A.S. COMPUTER SCIENCE**

**FALL SEMESTER**
- EDUC 1300 – Learning Framework
- ENGL 1301 – Composition I
- MATH 2412 – Pre-Calculus Math
- COSC 1436 – Programming Fund. I
- HIST #3## – American History Elective

**SPRING SEMESTER**
- ENGL 1302 – Composition II
- MATH 2413 – Calculus I
- COSC 1437 – Programming Fund II
- HIST #3## – American History Elective

**B.S. COMPUTER GAME DEVELOPMENT**

**FALL SEMESTER**
- COSC 2324 – Mobile Game Dev.
- COSC 2375 – Discrete Structures
- CPSC 4380 – 3D Modeling
- COSC 1324 – Intro. Game Dev.

**SPRING SEMESTER**
- MATH 3370 – Intro. Theory Statistical Inference
- CPSC 4381 – 3D Animation
- COSC 3306 – C++ Programming
- COSC 3302 – Theory
- COSC 4302 – Operating Systems

**SUMMER SESSION AT HCC**
- SPCH 1315 – Public Speaking
- Lang, Phil, Culture Elective
- MATH 2318 – Linear Algebra
- Creative Arts Elective

**HOW TO APPLY**

**REQUIRED STEPS**

1. Finish your degree at Houston Community College
2. Complete your application and transfer to LU through ApplyTexas.org

---

**Lamar University**

**Office of Admissions & Recruitment**

**I’m ready to apply.**

**What's next?**

You’ve made a great choice!

Follow the steps below to becoming a Cardinal.

---

**PLAN A VISIT TO CAMPUS** (409) 880-8316

and take a virtual tour lamar.edu/visit

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