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

- Transfer Academic Excellence Scholarship
- Phi Theta Kappa (PTK) Scholarship

To Apply for Scholarships

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

Priority Deadlines

- Fall – July 1
- Spring – December 1

Transfer Academic Excellence Scholarship

<table>
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<th>Amount/Year</th>
<th>Transferable GPA</th>
<th>Renewable?</th>
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<tr>
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*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
A.S. COMPUTER SCIENCE

FALL SEMESTER
Lang Phil Culture Core Elective
COSC 1301 - Intro to Computing
ENGL 1301 - Composition I
HIST 1301 - American History I
MATH 2312 - Pre-Cal

SPRING SEMESTER
MATH 2413 - Calculus I
COSC 2425 - Computer Organization
ENGL 1302 - Composition II
HIST 1302 - American History II
Creative Arts Core Elective

B.S. COMPUTER SCIENCE

FALL SEMESTER
COSC 1436 - Prog Fund I
GOVT 2305 - Federal Government
SPCH 1315 - Public Speaking (Comm Core Elective)
Life & Phys Sci Core Elective
Life & Phys Sci Core Elective Lab

SPRING SEMESTER
COSC 1437 - Prog Fund II
GOVT 2306 - Texas Government
Life & Phys Sci Core Elective
Soc Behav Sci Core Elective
Life & Phys Sci Core Elective Lab

SUMMER (IF APPLICABLE)
COSC/CPSC/ELEN Elective

FALL SEMESTER
COSC 1172 - Think Speak Write
COSC 2375 - Discrete Structures
MATH 2414 - Calculus II
COSC 2336 - Programming Fund III
COSC 4302 - Operating Systems

SPRING SEMESTER
COSC 3304 - Algorithms
COSC 3325 - Computer Law/Ethics
COSC 3302 - Intro Computer Theory
CPSC 4333 - Distributed Systems
CPSC 4361/4363 - Secure Software Engr/Cybersecurity

HOW TO APPLY

REQUIRED STEPS

1. Finish your degree at Lamar State College-Orange
2. Complete your application and transfer to Lamar University through ApplyTexas.org
3. Finish your Computer Science degree online or on campus

Office of Admissions & Recruitment
Lamar University

I’m ready to apply.  What’s next?
You’ve made a great choice!
Follow the steps below to becoming a Cardinal.

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

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