



BACHELOR OF SCIENCE COMPUTER SCIENCE

YOUR
Moment
IS HERE



START WITH LAMAR STATE COLLEGE ORANGE. FINISH AT LAMAR UNIVERSITY!

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.

The Bachelor of Science degree in Computer Science is available on campus and online. A student who completes this four-year program is well-prepared to pursue a professional career as a computer scientist or to pursue graduate work in computer science or in an area of specialization such as Cybersecurity. The Bureau of Labor Statistics project an increase for jobs for those in computer science fields.

Career Opportunities

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

LU SCHOLARSHIPS

AMOUNT/YEAR	TRANSFERABLE GPA	RENEWABLE?
TRANSFER ACADEMIC EXCELLENCE SCHOLARSHIP*		
\$2,000	3.5-4.0	YES
\$1,500	3.0-3.49	YES
PHI THETA KAPPA (PTK) SCHOLARSHIP		
\$1,000	3.0-3.49	YES

**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

Lang, Phil, Culture Core Elective
COSC 1301 - Intro to Computing
ENGL 1301 - Composition I
HIST 1301 - American History I
MATH 2412 - Pre-Calculus

SPRING SEMESTER

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

FALL SEMESTER

COSC 1336 - 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 1337 - Prog. Fund. II
GOVT 2306 - Texas Government
Life & Phys. Sci. Core Elective
Life & Phys. Sci. Core Elective Lab
Soc. Behav. Sci. Core Elective
Lang, Phil, Culture Core Elective

B.S. COMPUTER SCIENCE

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

SUMMER AT LU

COSC/CPSC/ELEN Elective

FALL SEMESTER

COSC 3308 - Programming Languages
MATH 3370 - Intro. Theory Statistical Analysis
CPSC 4317 - Computer Networks
CPSC 4360 - Software Engineering
COSC/CPSC Elective

SPRING SEMESTER

CPSC 4310 - Computer Architecture
COSC 4272 - Senior Seminar
CPSC 4340 - Database Design
COSC/CPSC Elective
COSC/CPSC ELEN Elective



**I'm ready to apply.
What's next?**

You've made a great choice!
Follow the steps below to becoming a Cardinal.

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



OFFICE OF ADMISSIONS
LAMAR UNIVERSITY



/lamaruadmissions
@lamaruadmissions

PLAN A VISIT TO CAMPUS (409) 880-8316

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