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 emphasizes the areas of computer programming languages, data structures, information systems, software engineering, applications of computer science and computer architecture.

Computer Information Sciences has an overall emphasis on information networking with knowledge in areas of distributed computing, software engineering, expert systems, information retrieval and multimedia display technology define the information networking concept. Information networks are an integral and strategic component of every industry. Upon completion, graduates will possess integrated skill sets from fields of engineering, computer science and business.

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>Scholarship</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>Phi Theta Kappa (PTK) Scholarship</td>
<td>$1,500</td>
<td>3.0-3.49</td>
<td>YES</td>
</tr>
<tr>
<td></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

Fall – July 1
Spring – December 1
A.A. COMPUTER INFORMATION SYSTEMS

FALL SEMESTER
EDUC 1300 – Learning Framework
ENGL 1301 – Composition I
MATH 1324 – Math for Business & Social Sciences
BCIS 1305 – Business Computer Applications
HIST #3## - American History Elective

SPRING SEMESTER
ENGL 1302 – Composition II
MATH 1325 – Calculus for Business & Social Sciences
COSC 1436 – Programming Fundamental I
XXXX – #3## - Life & Physical Sciences Elective
HIST #3## – American History Elective

SUMMER AT HCC
ECON 1301 – Principles & Policies
Lab Science

FALL SEMESTER
MATH 1342 – Elementary Statistics
COSC 1437 – Programming Fundamentals II
ECON 2301/2302
GOVT 2305 – Federal Government
XXXX #3## – Creative Arts Elective

SPRING SEMESTER
ACCT 2301 – Financial Accounting
COSC 2425 – Computer Organization
XXXX – #3## – Lang, Phil and Culture
GOVT 2306 – Texas Government

SUMMER AT HCC
MATH 2413 – Calculus I
MATH 1342 – Statistics
SPCH 1315 – Public Speaking

B.A. COMPUTER INFORMATION SYSTEMS

FALL SEMESTER
COSC 1172 – Think, Speak, Write
COSC 2336 – Program Fund III
ACCT 2302 – Intro Managerial Acct
COSC 3325 – Computer Law/Ethics
Lab Science

SPRING SEMESTER
COSC 2375 – Discrete Structures
CPSC 4315 – Network System Admin
COSC 3304 – Algorithms Design & Analysis
MATH 2318 – Linear Algebra
CPSC 4370 – Artificial Intelligence

FALL SEMESTER
COSC 4302 – Operating Systems
CPSC 4340 – Database Design
COSC/CPSC Elective
CPSC 4330/COSC 4319
COSC/CPSC Elective

SPRING SEMESTER
MGMT 3310 – Prin Mgmt/Org Behavior
CPSC 4317 – Computer Networks
MGMT 3320 – Production Management
COSC 4272 – Senior Seminar
CPSC 4360 – Software Engineering

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 Houston Community College
2. Complete your application and transfer to LU through ApplyTexas.org

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