



**TRANSFER PATHWAY:
LEE COLLEGE AS COMPUTER SCIENCE
TO LAMAR UNIVERSITY BS COMPUTER SCIENCE**

| Software Engineering | | | | | | | | | |
|--|-----------|----------------------------------|--------------------------|-------------------|---------------|--------------------------------------|-----------|-----------------------------------|-----------|
| Fall Semester | | | | Spring Semester | | | | | |
| Lee College | Lamar | Course Name | Hrs | Lee College | Lamar | Course Name | Hrs | | |
| EDUC 1200 | | Learning Frameworks | 2 | ENGL 1302 or 2311 | | English Comp II or Tech/Bsns Writing | 3 | | |
| COSC 1436 | | Programming Fund I w/ Lab | 4 | COSC 1437 | | Programming Fund II w/ Lab | 4 | | |
| HIST 1301 | | US History I | 3 | LPC Core | | Language, Philosophy, Culture | 3 | | |
| ENGL 1301 | | English Composition I | 3 | MATH 2414 | | Calculus II | 4 | | |
| MATH 2413 | | Calculus I | 4 | CA Core | | Creative Arts Core | 3 | | |
| Total | | | 16 | | | | 17 | | |
| Summer Semester | | | | | | | | | |
| Lee College | Lamar | Course Name | Hrs | Lee College | Lamar | Course Name | Hrs | | |
| GOVT 2305 | POLS 2302 | Federal Govt | 3 | GOVT 2306 | POLS 2301 | Texas Govt | 3 | | |
| Total | | | 3 | | | | 3 | | |
| Second Year - Sophomore | | | | | | | | | |
| Fall Semester | | | | Spring Semester | | | | | |
| Lee College | Lamar | Course Name | Hrs | Lee College | Lamar | Course Name | Hrs | | |
| SPCH 1315 | COMM 1315 | Principles of Public Speaking | 3 | COSC 2325 | | Computer Organization | 3 | | |
| COSC 2436 | | Programming Fund III | 4 | L & PS Core | | Life & Physical Science Core | 4 | | |
| L & PS Core | | Life & Physical Science Core | 4 | MATH 2318 | | Linear Algebra | 3 | | |
| SBS Core | | Social & Behavioral Science Core | 3 | HIST 1302 | | US History II | 3 | | |
| Total | | | 14 | Total | | | 13 | | |
| Third Year - Junior | | | | | | | | | |
| Fall Semester | | | | Spring Semester | | | | | |
| Lamar | | | Course Name | Hrs | Lamar | | | Course Name | Hrs |
| COSC 2375 | | | Discrete Structures | 3 | COSC 3325 | | | Computer Law/Ethics | 3 |
| COSC 3308 | | | Programming Languages | 3 | COSC 3302 | | | Intro Comp Theory | 3 |
| CPSC 4340 | | | DataBase Design | 3 | COSC 3304 | | | Algorithm Design & Analysis | 3 |
| MATH 3370 | | | Intro Theory Statistical | 3 | Advd Choice | | | CPSC 4361 CPSC 4363 COSC 4365 | 3 |
| COSC 1172 | | | Think, Speak, Write | 1 | Advd Elective | | | COSC CPSC Elective* | 3 |
| Total | | | | 13 | Total | | | | 15 |
| Fourth Year - Senior | | | | | | | | | |
| Fall Semester | | | | Spring Semester | | | | | |
| Lamar | | | Course Name | Hrs | Lamar | | | Course Name | Hrs |
| COSC 4302 | | | Operating Systems | 3 | COSC 4333 | | | Distributed Systems | 3 |
| Advd Elective | | | COSC CPSC Elective* | 3 | COSC 4310 | | | Computer Architecture | 3 |
| CPSC 4340 | | | Software Engineering | 3 | Advd Elective | | | COSC CPSC ELEN Elective* | 3 |
| Advd Elective | | | COSC/CPSC/ELEN Elective* | 3 | COSC 4272 | | | Senior Assessment | 2 |
| | | | | | CPSC 4317 | | | Networks | 3 |
| Total | | | | 12 | Total | | | | 14 |
| Notes: | | | | | | | | | |
| *Students must meet with department advisor for list of approved COSC, CPSC, and ELEN electives. | | | | | | | | | |