**Texas Lutheran University Degree Plan**

**Bachelor of Science in Computer Science**

**Student Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **ID#:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Prospective Graduation Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Catalog Year:** 2023-24



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| **General Education** | | | | | |
| Take the following **Foundation** requirements (15 hrs): | | | | | |
| Basic Quantitative Literacy | | | | | |
| √ | *MATH130 College Math or higher* | | | | |
| Critical Reading | | | | | |
|  | *FREX134 Exploring the Arts & Sciences* | | | | |
| Engaging Faith Traditions | | | | | |
|  | *THEO133 Intro to Theology* | | | | |
| Modern Language | | | | | |
|  | *Foreign language at 131 level or higher \** | | | | |
| Written Communication | | | | | |
|  | *COMP131 Composition I* | | | | |
|  | *COMP132 Composition II* | | | | |
| *\* The language requirement can also be met by a study abroad*  *program lasting 4 weeks.* | | | | | |
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| Take the following **Distribution** requirements (24 hrs): | | | | | |
| Arts 6 hrs | | | | | |
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| Humanities 12 hrs (no more than 2 courses/discipline) | | | | | |
| √ | *COMM 374 Professional Speaking* | | | | |
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| Natural Sciences & Math 6 hrs (1 crs w/lab) | | | | | |
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| √ | *STAT 374 Statistics* | | | | |
| Social Sciences 6 hrs | | | | | |
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| Complete the following **Competencies**: | | | | | |
| 3 Critical Thinking Courses (T) | | |  |  |  |
| 3 Engaged Citizenship Courses (Z) | | |  |  |  |
| 2 Communication Courses (C) | | |  |  |  |
| 1 Ethics Course (E) | | |  |  |  |

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| **Computer Science (38 hrs)** | | | | |
|  | *CSCI 248 Object-Oriented Programming* | | | |
|  | *CSCI 249 Object-Oriented Design & Methodology* | | | |
|  | *CSCI 332 Computer Networks* | | | |
|  | *CSCI 335 Computer Architecture & Operating Sys* | | | |
|  | *CSCI 337 Data Structures & Algorithms* | | | |
|  | *CSCI 434 Software Development & Prof. Practice* | | | |
|  | *CSCI 437 Senior Seminar & Research Project* | | | |
| 15 additional hours in Computer Science (12 upper div) | | | | |
|  | *CSCI* | | | |
|  | *CSCI Upper Division* | | | |
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|  | *CSCI Upper Division* | | | |
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| **Supporting coursework (25 hrs)** | | | | |
|  | *MATH 233 Discrete Mathematics* | | | |
|  | *MATH 136 or MATH 241\** | | | |
|  | *STAT 374 Statistics* | | | |
|  | *STAT 375 Applied Statistics* | | | |
|  | *COMM 374 Professional Speaking* | | | |
| 9 hrs from MATH 148 or higher, upper-division ISYS, BUSI 231 or 235, BUSI 338, BUSI 373, BUSI 378 | | | | |
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| *\*students who major or minor in math must take 241* | | | | |
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| **Electives or minor to total 124 hrs** | | | | |
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| **Reflective Modules (3)** | | | | |
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**IMPORTANT**: An overall GPA of 2.0 and a major/minor GPA of 2.0 is required for graduation. All degrees require a minimum of 124 hours. It is the responsibility of the student to fulfill all degree requirements.

Student: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Advisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Dept Chair: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Registrar: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_