**Texas Lutheran University Degree Plan**

**Bachelor of Science in Mathematics Pre-Actuarial**

**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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| √ | *MATH 241 Calculus I*  |
| 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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| **Mathematics-Pre-Actuarial (39 hrs)** |
|  | *MATH 233 Discrete Mathematics* |
|  | *MATH 234 Intro to Advanced Mathematics* |
|  | *MATH 241 Calculus I*  |
|  | *MATH 242 Calculus II* |
|  | *MATH 331 Elementary Linear Algebra* |
|  | *MATH 334 Differential Equations* |
|  | *MATH 338 Numerical Methods*  |
|  | *MATH 343 Calculus III* |
|  | *MATH 433 Mathematical Statistics & Probability* |
|  | *MATH 437 Senior Research and Capstone* |
| 6 additional upper division hrs in mathematics: |
|  | *MATH upper division* |
|  | *MATH upper division* |
|  |  |  |
| **Supporting Coursework (27-28 hrs)** |
|  | *STAT 374 Statistics*  |
|  | *STAT 375 Applied Statistics* |
|  | *CSCI 136 or 248*  |
|  | *COMM 374 Professional Speaking*  |
| 15 hrs from: BUSI 231, 232, 339, 373, 377, ECON 237 |
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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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_