**Texas Lutheran University Degree Plan**

**Bachelor of Science in Mathematics**

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

**Prospective Graduation Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Catalog Year: 2019-20**



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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 (18 hrs): |
| Arts 6hrs  |
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| Humanities 12 hrs (no more than 2 courses/discipline) |
| √ | *PHIL 232 Logic* |
| √ | *COMM 374 Professional Speaking* |
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| Natural Sciences & Math 6 hrs (1 crs w/lab) |
| √ | *PHYS 240 Intro Physics for Scientists & Engineers* |
| √ | *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 (38 hrs)** |
|  | *MATH 234 Intro to Advanced Mathematics* |
|  | *MATH 241 Calculus I* |
|  | *MATH 242 Calculus II* |
|  | *MATH 331 Elementary Linear Algebra* |
|  | *MATH 333 Calculus III* |
|  | *MATH 334 Differential Equations* |
|  | *MATH 335 Intro to Abstract Algebra*  |
|  | *MATH 338 Numerical Methods* |
|  | *MATH 432 Real Analysis* |
|  | *MATH 437 Senior Research and Capstone* |
| 6 additional upper division hrs in mathematics |
|  | *MATH upper division* |
|  | *MATH upper division* |
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| **Supporting Coursework (24-25 hrs)** |
|  | *COMM 374 Professional Speaking* |
|  | *CSCI 136 C Programming or 248 Object Oriented* |
|  | *PHIL 232 Logic* |
|  | *PHYS 240 Intro Physics for Scientists & Engineers* |
|  | *STAT 374 Statistics*  |
|  | *STAT 375 Applied Statistics* |
| 6 hrs in one of the following: natural sciences, education, social sciences, or business |
|  | *Elective* |
|  | *Elective* |
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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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_