**Texas Lutheran University Degree Plan**

**Master of Science Data Science**

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

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



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| **Undergraduate Prerequisites** |
| **Take the following admissions prerequisites (13-18 hrs)** |
|  | *CSCI 248 Object Oriented Programming* |
|  | *ISYS 232 Business Spreadsheet Applications* |
|  | *MATH 136, or MATH 241 & 242* |
|  | *STAT 374 Statistics* |

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| **Data Science Core (15 hrs)** |
|  | *DASC 531 Data Science with R* |
|  | *DASC 532 Data Mining* |
|  | *DASC 533 Visualization & Communication* |
|  | *DASC 534 Advanced Statistics I* |
|  | *DASC 535 Advanced Statistics II* |
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| **Data Science Tools (9 hrs)** |
| *Take 9 hours from the following: DASC 536, DASC 537, DASC 538, DASC 570, DASC 571, DASC 572* |
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| **Data Science Applications (6 hours)** |
|  | *DASC 573 Data Science in Action* |
|  | *DASC 539 Internship or DASC 599 Thesis* |

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**IMPORTANT**: An overall graduate GPA of 3.0 is required for graduation. No graduate course in which a grade below a C is earned may be applied toward completion of the MSDA degree plan. It is the responsibility of the student to fulfill all degree requirements.

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

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