**Texas Lutheran University Degree Plan**

**Master of Science in Data Analytics**

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

**Prospective Graduation Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Catalog Year: 2020-21**



|  |
| --- |
| **Undergraduate Requirements** |
| **Take the following admissions prerequisites (15 hrs)** |
|  | *BUSI 338 Quantitative Applications* |
|  | *ISYS 231 Intro to Information Systems* |
|  | *ISYS 232 Business Spreadsheet Applications* |
|  | *MATH 136 Calculus for Business* |
|  | *STAT 374 Statistics* |
|  |
| **Business Analytics admissions prerequisites (18 hrs)** |
|  | *BUSI 231 Principles of Accounting I* |
|  | *BUSI 232 Principles of Accounting II* |
|  | *BUSI 337 Principles of Marketing* |
|  | *BUSI 373 Principles of Management* |
|  | *BUSI 377 Business Finance* |
|  | *ECON 237 Principles of Economics* |
|  |
|  |
| **Technology & Computation admissions prerequisites (3)** |
|  | *CSCI 136 C Programming or 248 OO Programming* |
|  | *MATH 242 Calculus II* |

|  |
| --- |
| **Data Analytics Core (15 hrs)** |
|  | *DABE 531 Visualization & Communication* |
|  | *DAST 531 Adv Statistical Methods I* |
|  | *DAST 532 Adv Statistical Methods II* |
|  | *DAIC 531 Data Mining* |
|  | *DABE 532 Operations Research* |
|  |  |
|  |  |
| **Business Analytics Specialization (15 hrs)** |
|  | *DABE 539 Practicum/Internship* |
|  | *DABE Elective* |
|  | *DABE Elective* |
|  | *DABE Elective* |
|  | *DABE/DAIC/DAST Elective* |
|  |
|  |
|  |
| **Technology & Computation Specialization (15 hrs)** |
|  | *DAST/DAIC Elective* |
|  | *DAST/DAIC Elective* |
|  | *DAST/DAIC Elective* |
|  | *DABE/DAIC/DAST Elective* |
| Take one of the following as approved by your advisor: DAST 539 Internship, DAIC 599A Capstone, orDAIC 599B Thesis. |
|  |  |

**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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_