

**DEGREE PLAN**  
**UNIVERSITY OF TEXAS AT DALLAS**  
**MASTERS OF COMPUTER SCIENCE**

**SOFTWARE ENGINEERING**

Name: Rebecca Welton  
ID: 2021612458  
Applied In: 22S

FT: N  
Thesis: N

Anticipated Graduation: 23F

| Course Title                          | Course Num | UTD Sem                  | Transfer | Grade                    |
|---------------------------------------|------------|--------------------------|----------|--------------------------|
| <b>CORE COURSES</b>                   |            | <b>(15 Credit Hours)</b> |          | <b>3.19 GPA Required</b> |
| Object Oriented Software Engineering  | SE6329     | 22F                      |          | B+                       |
| Advanced Requirements Engineering     | SE6361     | 22S                      |          | B+                       |
| Adv. Software Architecture and Design | SE6362     | 22F                      |          | B                        |
| Sw. Testing/Validation/Verification   | SE6367     | 22S                      |          | B+                       |
| Adv. Software Engineering Project     | SE6387     | 23S                      |          |                          |

**5 APPROVED 6000 COURSES (15\* Credit Hours) 3.0 GPA Required**

**\*\*\*CS6359 Cannot be used on this degree plan\*\*\***

|   |         |     |  |    |
|---|---------|-----|--|----|
| 1. Probability and Statistics                 | CS 3341 | 21F |  | B  |
| 2. Design and Analysis of Computer Algorithms | CS 6363 | 22S |  | B+ |
| 3. Machine Learning                           | CS 6375 | 22S |  | A- |
| 4. Statistical Methods for Data Science       | CS 6313 | 22F |  | A  |
| 5. Artificial Intelligence                    | CS 6364 | 22F |  | A- |

**Additional Electives (3 Credit Hours Min.)**

|                    |         |     |  |  |
|--------------------|---------|-----|--|--|
| 6. Database Design | CS 6360 | 23S |  |  |
| 7.                 |         |     |  |  |
| 8.                 |         |     |  |  |

**Other Requirements**

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|  |  |  |  |  |

| Admission Prerequisites              | Course Num | UTD Sem | Waiver | Grade |
|--------------------------------------|------------|---------|--------|-------|
| Computer Science I                   | CS5303     | 21F     |        | A     |
| Computer Science II                  | CS5330     | 21F     |        | A     |
| Discrete Structures                  | CS5333     |         |        |       |
| Algorithm Analysis & Data Structures | CS5343     |         |        |       |
| Operating Systems Concepts           | CS5348     |         |        |       |
| Software Engineering                 | CS5354     |         |        |       |
|                                      |            |         |        |       |
|                                      |            |         |        |       |
|                                      |            |         |        |       |
|                                      |            |         |        |       |
|                                      |            |         |        |       |
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|                                      |            |         |        |       |
|                                      |            |         |        |       |

\*May include any 6000/7000 CS Course Without Prior Permission

Advisor: \_\_\_\_\_

Date Submitted: \_\_\_\_\_