

DEGREE PLAN
UNIVERSITY OF TEXAS AT DALLAS
MASTERS OF COMPUTER SCIENCE

DATA SCIENCE

Name: _____

FT: _____

ID: _____

Thesis: _____

Applied In: _____

Anticipated Graduation: _____

Course Title	Course Num	UTD Sem	Transfer	Grade
CORE COURSES (15 Credit Hours)		3.19 GPA Required		
Statistical Methods for Data Science	CS6313	S20	Y	A
Big Data Management and Analytics	CS6350	S20		A
Design and Analysis of Computer Algorithms	CS6363	S20		A
Machine Learning	CS6375	S20		A
One of the following 5 Core Courses				
Social Media Analytics	CS6301	S20	Y	A
Natural Language Processing	CS6320	S20		A
Video Analytics	CS6327	S20		A
Statistics for Machine Learning	CS6347	S20		A
Database Design	CS6360	S20		A
5 APPROVED 6000 COURSES (15* Credit Hours)		3.0 GPA Required		
1. Elective 1	CS 1111	S20	Y	A
2. Elective 2	CS 1111	S20		A
3.				
4.				
5.				
Additional Electives (3 Credit Hours Min.)				
6. Elective 3	CS 1111	S20	Y	A
7.				
8.				
Other Requirements				
Admission Prerequisites	Course Num	UTD Sem	Waiver	Grade
Computer Science I	CS5303	S20	Y	A
Computer Science II	CS5330	S20		A
Discrete Structures	CS5333	S20		A
Algorithm Analysis & Data Structures	CS5343	S20		A
Operating Systems Concepts	CS5348	S20		A
Probability and Statistics in CS	CS3341	S20	Y	A

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

Advisor: _____

Date Submitted: _____