DEGREE PLAN
UNIVERSITY OF TEXAS AT DALLAS
MASTER OF COMPUTER SCIENCE

Data Science

FT: Y   N

Name of Student: _____   **Thesis: Y   N**

Student I.D. Number: _____

Semester Admitted to Program: _____   Anticipated
Graduation: _____

Course Title	Course Number	UTD Semester	Transfer	Grade
CORE COURSES (15 Credit Hours)		**3.19 Grade Point Average Required**		
Statistical Methods for Data Sciences	CS 6313			
Big Data Management and Analytics	CS 6350			
Design and Analysis of Computer Algorithms	CS 6363			
Machine Learning	CS 6375			
One of the following Five Core Courses				
Social Network Analytics	CS 6301			
Natural Language Processing	CS 6320			
Video Analytics	CS 6327			
Statistics for Machine Learning	CS 6347			
Database Design	CS 6360			
FIVE APPROVED 6000 LEVEL ELECTIVES (15 * Credit Hours) 3.0 Grade Point Average				
1				
2				
3				
4				
5				
Additional Electives (3 Credit Hours minimum)				
6				
7				
8				
Other Requirements				

Admission Prerequisites	Course	UTD Semester	Waiver	Grade
Computer Science I	CS 5303			
Computer Science II	CS 5330			
Discrete Structures	CS 5333			
Algorithm Analysis & Data Structures	CS 5343			
Operating System Concepts	CS 5348			
Probability & Statistics in CS	CS 3341			

* May include any 6000 or 7000 level CS course without prior permission

Academic Advisor _____   Date Submitted _____

Additional Electives (3 Credit Hours Minimum)

9	Introduction to Cryptography	CS 6377	afsda	T	A-
10	Parallel Processing	CS 6376	grgrag	T	B+
11	Information Security	CS 6324	2022 Fall	T	C+
12	Wireless Networks	CS 6340	2022 Fall	T	F
13	Computer Graphics	CS 6366		T	
14	Network Security	CS 6349			
15	Computer Animation and Gaming	CS 6323			
16	Performance of Computer Systems and Networks	CS 6352			