DEGREE PLAN
UNIVERSITY OF TEXAS AT DALLAS
MASTER OF COMPUTER SCIENCE

Data Science

FT: Y   N

Thesis: Y   N

Name:

ID:

Applied in:

Anticipated Graduation:

Course Title	Course Num	UTD Sem	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 Course				
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				

Track Prerequisites	Course	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			
Admission Prerequisites	**Course**	**Semester**	**Waiver**	**Grade**
Automata Theory	CS 5349			
Software Engineering	CS 5354			
Computer Networks	CS 5390			

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

Advisor: Data submitted: