

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

**Data Science**

**FT: Y      N**

**Thesis: Y      N**

Name of Student: \_\_\_\_\_

Student I.D. Number: \_\_\_\_\_

Semester Admitted to Program: \_\_\_\_\_

Anticipated  
Graduation: \_\_\_\_\_

Course Title	Course Number	UTD Semester	Transfer	Grade
<b>CORE COURSES (15 Credit Hours)</b>		<b>3.19 Grade Point Average Required</b>		
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			
<b>One of the following Five Core Courses</b>				
Social Network Analytics	CS 6301			
Natural Language Processing	CS 6320			
Video Analytics	CS 6327			
Statistics for Machine Learning	CS 6347			
Database Design	CS 6360			
<b>FIVE APPROVED 6000 LEVEL ELECTIVES (15 * Credit Hours)</b>		<b>3.0 Grade Point Average</b>		
<b>1</b>				
<b>2</b>				
<b>3</b>				
<b>4</b>				
<b>5</b>				
<b>Additional Electives ( 3 Credit Hours minimum)</b>				
<b>6</b>				
<b>7</b>				
<b>8</b>				
<b>Other Requirements</b>				
<b>Admission Prerequisites</b>		<b>UTD Semester</b>	<b>Waiver</b>	<b>Grade</b>
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 \_\_\_\_\_