University of North Texas
College of Information
Bachelor of Science
Major in Data Science (BSDS)

Name:

Address: _____

_____

Phone Number: _____

E-mail: _____

Date: Catalog Year: <u>2019-2020</u>

University Core: 42 Semester Hours (* = best selection)			
UNT Course	Transfer Course	College	S.H.
COMMUNICATION (6 HRS.) C or better			
ENGL 1310			3
ENGL 1320			3
MATHEMATICS (3 HRS.)			
MATH 1680*			3
LIFE & PHYSICAL SCIENCES (6 HRS.)			
LAB SCIENCE			3
LAB SCIENCE			3
CREATIVE ARTS (3 HRS.)			
			3
LANGUAGE, PHILOSOPHY, & CULTURE (3 HRS.)			
			3
AMERICAN HISTORY (6 HRS.) or adv. U.S. HIST			
HIST 2610			3
HIST 2620			3
GOVERNMENT / POLITICAL SCIENCE (6 HRS.)			
PSCI 2305			3
PSCI 2306			3
SOCIAL & BEHAVIORAL SCIENCE (3 HRS.)			
ECON 1110 *			3
Component Area Category I - Discovery (3 HRS.)			
COMM 1010*			3
Component Area Category II - Capstone (3 HRS.)			
Substitute Course			3
Total University Core Hours:			

-A grade of "C" or higher is required in all Pre-Data Science, Major Courses, Professional Field, and Supporting Field courses.
-A 2.0 UNT, 2.0 Overall, and 2.7 Professional/Supporting Field GPA is required for graduation.
-The student must request an official degree plan in the COI advising office, CI-Advising@unt.edu

Pre-Data Science Requirements (15 Hrs.)	
A grade of C or higher	
Math 1650 Pre-Calculus	5
MATH 1680 Elementary Probability and Statistics	3
CSCE 1030 Computer Science I	4
CSCE 1040 Computer Science II	3

Data Science MAJOR COURSES (24 Hrs.)		
A grade of C or higher		
INFO 3010	Introduction to Data Science	3
INFO 3020	Introduction to Computation with Python	3
INFO 4501	Principles of Data Science and Analytics	3
INFO 4250	Statistical Methods for Data Science & Analysis	3
INFO 4670	Data Analysis and Knowledge Discovery	3
INFO 4707	Data Modeling and Data Warehousing	3
INFO 4730	Digital Curation and Preservation	3
INFO 4907	Data Visualization	3

Professional Field (24 Hrs.)	
A grade of C or higher & 2.7 GPA or higher	
Information Science	Business Analytics
INFO 4080	DSCI 2710
INFO 4203	DSCI 3710
INFO 4206	BCIS 3610
INFO 4230	DSCI 3870
INFO 4306	DSCI 4510
INFO 4307	DSCI 4520
INFO 4365	DSCI 4330
INFO 4745	DSCI 4700

Related Electives (15 hrs.)	
Advanced courses in a related field such as computer science, statistics, business analytics, digital communications analytics, health data analytics, and education analytics.	
1.	3
2.	3
3.	3
4.	3
5	3

*INFO 4970 Information Science Seminar/Internship/Capstone can be used as related elective course