MINOR IN DATA ANALYTICS

COURSE	TITLE	S.H.
Option 1: Student must participate in the YSU Data Mine for two years by registering for DATX 5895 for four semesters and DATX 5896 for four semesters. The total number of hours in this option is 16. Option 2: Satisfy the following course requirements. Choose one of the following The courses in this list all have some form of prerequisite requirement. These are listed below the curriculum sheet. Because of this the total number of hours in this minor will exceed that listed on the requirement sheet.		**3-4**
ANTH 3701	Social Statistics	
or SOC 3701	Social Statistics	
CRJS 3710	Social Statistics	
ECON 3788	Statistics for Business and Economics 1	
GEOG 2611	Geospatial Foundations	
ISEN 2610	Engineering Statistics	
PSYC 2618	Statistics for Psychology	
STAT 3717	Statistical Methods	
STAT 3743	Probability and Statistics	
DATX Minor Required Courses		
DATX 5801	Data Management	3
DATX 5803	Data Visualization	3
DATX 5805	Predictive Modeling Algorithms	3
DATX 5895	Selected Topics in Data Analytics (Only required if enrolling in DATX 5896)	1
DATX 5896	Data Analytics Project (This course may be repeated to satisfy the upper-division elective requirement.)	3
or STEM 4890	STEM Internship	
Total Semester Hours		**16-17**

Option 1 is open to all students. To complete Option 1, the student must participate in the YSU Data Mine for two years by registering for DATX 5895 for four semesters and DATX 5896 for four semesters. The total number of hours in this option is 16.

Option 2 is designed for students majoring in Anthropology, Sociology, Psychology, Mathematics, Economics, Accounting, Finance, Marketing, Management, Computer Science, Biology and Engineering. Students from other programs will not be able to complete the minor within the listed credit hours and will need to take significant prerequisite courses.