

MINOR IN DATA ANALYTICS

COURSE	TITLE	S.H.
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.		
ECON 3788	Statistics for Business and Economics 1	
ANTH 3701	Social Statistics	
or SOC 3701	Social Statistics	
CRJS 3710	Social Statistics	
ISEN 3710	Engineering Statistics	
PSYC 2618	Statistics for Psychology	
STAT 3717	Statistical Methods	
STAT 3743	Probability and Statistics	
STAT 3781H	Honors Biostatistics	
DATX Minor Required Courses		
DATX 5801	Data Management	3
DATX 5803	Data Visualization	3
DATX 5805	Predictive Modeling Algorithms	3
DATX 5896	Data Analytics Project	3
or STEM 3790	STEM Internship Experience	
Upper Division Elective - Choose One		3
BIOL 5853	Biometry	
ECON 5824	Applied Time Series Analysis of Economic and Business Data	
ECON 5861	SAS Programming for Data Analysis	
STAT 4817	Applied Statistics	
STAT 5811	SAS Programming for Data Analytics	
STAT 5814	Statistical Data Mining	
STAT 4848	Applied Regression Time Series	
STAT 4849	Design of Experiments	
STAT 5819	Bayesian Statistics	
STAT 5840	Statistical Computing	
STAT 5857	Statistical Consulting	
Total Semester Hours		18-19

Pre-reqs

Econ 3788 (Prereq Math 1510), Econ 3790 (Prereq Math 1552), Soc/Anth 3701 (Prereq Soc 1500, Engl 1551), CJFS 3710, ISEN 3710 (Prereq Math 1571), Psyc 2618 (Prereq Psyc 2617 or consent), Stat 3717, Stat 3743, Stat 3781H (Prereq: Calc I or II)

DATX 5801, 5803, 5805, 5896

Upper-level elective chosen from Bio 5853, Econ 5824, Econ 5861, Stat 5811, Psyc 3724, Stat 4817, Stat 5814, Stat 4848, Stat 4849, Stat 5849, Stat 5819, Stat 5840, Stat 5857