

DATA ANALYTICS MINOR

Code	Title	Credits	Completed
Minor Requirements (22 credits)			
<i>Foundational Statistics Course</i>			
Select one of the following:		4	
MATH-141	Introductory Statistics		
MGT-140	Quantitative Decision-Making		
PSYC-251	Psychological Statistics		
<i>Data Analytics Core Course</i>			
IIPHYS-342	Data Analysis for Scientists (a C or higher is required)	4	
ISMGT-383	Applied Data Analysis & Vis (a C or higher is required)	4	
Select one from each cluster (please note some courses have prerequisites)			
<i>Methods and Tools Cluster:</i>		4	
These courses develop a deeper understanding of techniques and methodologies used in various disciplines for computational background, data acquisition and preliminary analysis.			
BIO-313	Population and Community Ecology		
COMM-472	Quantitative & Qualitative Methods		
ECON-370	Financial Economics		
ISCS-210	Python Programming		
HLSC-305	Epidemiology		
PSYC-252	Research Methods in Psychology		
SOC-301	Sociological Research Methods		
<i>Active Experimentation Cluster:</i>		4	
These courses use data analysis techniques to focus on problem solving, interpretation, and implementation of scientific decision making.			
CS-480	Machine Learning		

ECON-420	Econometrics		
HP-460	Research Methods in Human Movt		
MATH-341	Applied Statistics		
MATH-381	Math Modeling		
MGT-335	Strategic Digital Marketing		
MGT-434	Marketing Research		
SOC-303	Sociological Quantitative Analysis		
SPDI-410	Mechatronics and Automation		
<i>Portfolio & Career Course</i>			
MGT-384	Data Analytics Portfolio Plus	2	
Total Credits		22	