

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 & Community Ecology		_____
COMM-472	Quant & Qualitative Methods		_____
ECON-370	Financial Economics		_____
ISCS-210	Python Programming		_____
HLSC-305	Epidemiology		_____
PSYC-252	Research Meth Psyc		_____
SOC-301	Sociological Research Meth		_____
<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	Soc Quant Analysis	_____
SPDI-410	Mechatronics and Automation	_____
<i>Portfolio & Career Course</i>		_____
MGT-384	Data Analytics Portfolio Plus	2
Total Credits		22