

# Data Analytics Minor

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**Note: Students taking a core statistics course that does not require calculus as a prerequisite (such as Math 105) are encouraged to take a calculus-based statistics course instead (such as Math 333).**

Code	Title	Credits
Statistics - Any one of the following courses unless one is already a required core course in your major:		3
IE 331	Applied Statistical Methods	
MATH 333	Probability and Statistics	
MATH 341	Statistical Methods II	
MGMT 216	Business Data Analytics	
Mining - Any one of the following courses unless one is already a required core course in your major:		3
CS 482	Data Mining	
IS 392	Web Mining and Information Retrieval	
Core Database and Analytics - Any one of the following courses unless one is already a required core course in your major:		3
CS 331	Database System Design & Mgmt	
IS 331	Database Design Management and Applications	
IS 333	Social Network Analysis	
IS 465	Advanced Information Systems	
Remaining two to five courses from the following are not already required core courses in your major:		6-10
CS 331	Database System Design & Mgmt	
CS 482	Data Mining	
IS 333	Social Network Analysis	
IS 392	Web Mining and Information Retrieval	
IS 465	Advanced Information Systems	
MATH 341	Statistical Methods II	
MGMT 216	Business Data Analytics	
MGMT 316	Business Research Methods	
MIS 445	Dec Supprt Tool & Tech Mngrs	
OM 375	Bus Operations Mgmt & Analytic	
An independent study focus focused specifically on Data Analytics approved by YWCC advisor and the major advisor		
Another course approved by YWCC advisors		
<b>Total Credits</b>		<b>15-19</b>

<sup>1</sup> only one course will count for credit toward a major or minor.