

# DATA ANALYTICS, MINOR

The Minor in Data Analytics offers students an opportunity to acquire an in-depth understanding of methods and applications of data analytics. It thus provides an excellent complement and/or improvement to the functional knowledge obtained through other programs. Two preparation courses (6 units) and four concentration courses (12 units) comprise the minor.

## Degree Requirements

### Preparation for the Minor (6 units)

Code	Title	Hours
CJA 341	Statistics in Criminal Justice Administration	3
PUB 305	Applied Statistics in Public Administration	3
OMG 321	Business Statistics	3
CIS 370	Info Sys Theory and Practice	3
<b>Total Hours</b>		<b>12</b>

### The Minor (12 units)

Code	Title	Hours
CIS 373	Database Systems	3
Select two or all three of the following courses		6-9
CIS 380	Introduction to Programming for Data Analysis	
OMG 423	Quantitative Analysis	
CIS 480	Data Mining and Business Intelligence	
Select one from the following if the fourth course for the minor is still needed:		0-3
CIS 371	Business Programming II	
CIS 372	Systems Analysis and Design	
CIS 375	Data Communications	
CIS 378	Info Security Theories & Pract	
CIS 471	Adv Network Based Applications	
CIS 474	Project Management Fundamentals	
CIS 476	Adv Concepts Bus Systems	
<b>Total Hours</b>		<b>9-15</b>