

# Minor in Data Science & Analytics



Updated: 6/4/2025

Catalog Year: 2025-2026

Total Credits Required: 15

\* Denotes prerequisite which can be taken at the same time as requirement

## Required Courses (9 credit hours)

		Prerequisites	
<b>DATA 3010</b> Computer Applications of Statistics	STAT 1401 or ECON 2300 or STAT 3125 or STAT 2332 or MATH 3332	3	
Select 1 of the following			
<b>IET 2227</b> Probability & Statistics I	MATH 1113	3	
<b>ISYE 2600</b> Probability & Statistics I	MATH 1190 or (MATH 1179 & MATH 1189)	3	
<b>PSYC 3000</b> Statistical Applications in Psychological Science	PSYC 2210* & ENGL 1101 & (any 1000-level MATH or MATH 2202 or STAT 1401 or DATA 1501)	3	
<b>STAT 3120</b> Statistical Methods I	STAT 1401 or DATA 1501 or STAT 2332 or MATH 3332	3	
<b>STAT 3125</b> Biostatistics	BIOL 1107 or BIOL 1108 or CHEM 1212 or instructor permission	3	
Select 1 of the following			
<b>IET 3403</b> Probability & Statistics II	MATH 1113 & (IET 2227 or STAT 1401)	3	
<b>ISYE 3600</b> Probability & Statistics II	MATH 2202 & (ISYE 2600 or STAT 2332 or MATH 3332)	3	
<b>STAT 3130</b> Statistical Methods II	DATA 3010 & (STAT 3120 or STAT 3125 or STAT 2332 or PSYC 3000)	3	

## Elective Courses (6 credit hours)

Please select two of the following

		Prerequisites	
<b>IS 4540</b> Data Mining	60 credits w/min 2.0 GPA & ((IS 3100 & Admission to Coles Prof. Program) or (STAT 1401 & enrolled in Coles Partner Program that includes this course))	3	
DATA 4XXX		3	
STAT 4XXX		3	
You may use one of the following 2 courses as 1 elective course for this minor			
<b>DATA 3396</b> Cooperative Study	Coordinator approval	3	
<b>DATA 3398</b> Internship	Program Coordinator & Department Chair approval	3	

Please note that DATA 3396 and DATA 3398 are variable credit hour courses that range from 1-9 credit hours. Upon registering for one of these courses, you must change the credit hours for which you are enrolled to 3 credits. You may only use a maximum of 3 credit hours from one of these two courses towards minor requirements.