

# Data Science Minor

## Summary of Requirements for a Minor in Data Science

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DSC 105	Introduction to Data Science	3
	CSC 100, CSC 109, or CSC 115	3
	MTH 115 or MTH 290	3
DSC 205	Introduction to Advanced Data Science	4
CSC 240	Data Structures with C++	3
DSC 302	Data Visualization	3
CSC 330	Database Theory and Application	3
	Data Science Minor Elective	3
	<b>Total Credits</b>	<b>25</b>

### CSC 100, CSC 109, or CSC 115

One of the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CSC 100	Introduction to Programming in C++	3
CSC 109	Introduction to Programming in Python	3
CSC 115	Introduction to Programming in Java	3

### MTH 115 or MTH 290

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MTH 115	Discrete Mathematics	3
MTH 290	Foundations of Modern Mathematics	3

### Data Science Minor Elective

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CSC 265	Algorithms	3
MTH 330	Linear Algebra	3
MTH 360	Probability and Statistics	3
CSC 415	Numerical Analysis	3
DSC 305	Machine Learning	3
DSC 482	Data Science Special Topics	3