

## Undergraduate Certificate (UC) in Data Analytics Curriculum.

Course Number	Course Name	Credit Hours
DA 101	Introduction to Data Analytics	3
DA 201	Foundations of Statistical Analysis	3
DA 301	Data Visualization	3
DA 401	Advanced Data Analytics	3
DA xxx	Elective I	3
DA xxx	Elective II	3
	<b>Total</b>	<b>18 Credit Hours</b>
<b>Options for Elective Courses</b>		
<ul style="list-style-type: none"> <li>Digital Methods for Literary Text Mining</li> <li>Digital Methods for the Spatial Analysis of the Past</li> <li>Business Analytics</li> <li>Marketing Analytics</li> <li>Data Mining in Bioinformatics</li> <li>Social Media Analytics</li> </ul>		2
		3
		3
		3
		3
		3

Electives must be approved by advisor and the Coordinator of the Undergraduate Certificate Program. A minimum of 18 hours including the four core Data Analytics course is required to complete this certificate. The Introduction to Data Analytics can be substituted with the Intro to Big Data course with the approval of the UC Coordinator or the Dean of the College of Arts and Sciences. A minimum grade of C must be obtained in all courses taken to obtain this certificate.