DATA ANALYTICS, CERTIFICATE

Program description

The Certificate in Data Analytics is designed to provide a strong foundation to prepare students for a career within the industry. Recent college graduates and individuals looking to change careers will obtain valuable skills that they can add to their resume making them more marketable to employers. Additionally, students with older degrees can update their skillset to make themselves more marketable as well.

All certificate courses can be applied toward Roosevelt's Master of Science degree in Computer Science for students who subsequently decide to pursue the degree.

Program objectives

The certificate provides students with training that focuses on skills necessary for a career in Data Analytics. Students will be able to obtain, clean, process, explore, analyze, and interpret data and effectively communicate the results.

Admission

To gain admission into the certificate program, participants must be admitted to the university through the regular admission process for the MS in Computer Science program.

Students are required to take four sixteen week courses, therefore the program can be completed in two semesters, taking two courses at a time.

Courses must be completed with a minimum grade of C and a cumulative GPA of 3.0. Residency Requirement: At least 9 hours must be taken at Roosevelt University.

Code	Title	Credit Hours
Required Courses		**9**
CST 421	DATA MINING	
CST 423	GAME THEORY AND APPLICATIONS	
CST 461	DEEP LEARNING	
Elective (Select One)		**3**
CST 406	BIG DATA	
CST 486	INFORMATION RETRIEVAL	
Total Credit Hours		**12**