DATA SCIENCE ANALYTICS (GRADUATE CERTIFICATE)

Advanced Certificate
Program Code:GRCT-AS
Major Code: DSA

The graduate certificate in Data Science and Analytics is designed to serve the advanced educational needs of bachelor's-prepared professionals who require modern skills for manipulation and organization of their industry data. The advanced certificate program consists of 12 graduate credit hours and is designed to equip graduates with essential data analytics skills and competencies to be effective and competitive in today's data-driven work environments.

Data science and analytics (DSA) is a fast-growing area leading to excellent job opportunities in a variety of fields, including business, industry, health, government, and education. This interdisciplinary certificate offers recent college graduates and industry professionals the opportunity to build skills as data analysts, without the commitment of pursuing a Master's degree. However, the graduate certificate program in DSA may be applied toward a master's degree in Multidisciplinary Studies - Data Science and Analytics Track or towards a master's degree in Data Science and Analytics at SUNY Buffalo State.

Admission Requirements

All applicants are required to have a minimum overall GPA of 2.50, the campus-wide standard. Applicants are required to have an undergraduate level introductory statistics course and an undergraduate level introductory programming course. Exceptions to these requirements are made on a case by case basis by the admission committee and program faculty.

Program Requirements

Code	Title	Credit Hours
Required Courses (12 credit hours)		
DSA 501	DATA ORIENTED COMPUTING AND ANALYTICS	3
DSA 650	DATA STRATEGY AND GOVERNANCE	3
MAT 646	INTRODUCTION TO STATISTICS FOR DATA SCIENCE	3
CIS 512	INTRODUCTION TO DATA SCIENCE AND ANALYTICS	3
Total Credit Hours		**12**