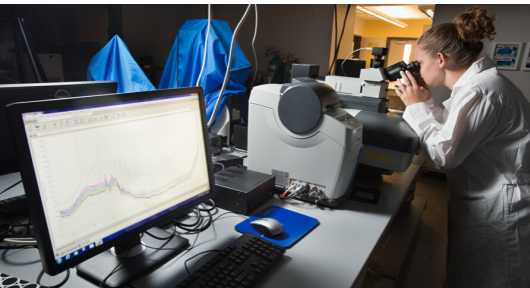




# DATA SCIENCE AND ANALYTICS

## MASTER'S PROGRAM

Designed for individuals with quantitative talent, scientific background, and an entrepreneurial mindset wanting to join the data revolution.



### Curriculum Includes

- Math
- Statistics
- Big Data
- Machine Learning
- Database Management
- Data Visualization
- Programming
- Business Intelligence
- Research Opportunities
- Internship

### Admission Requirements

1. Bachelor's degree from an accredited college or university with a minimum cumulative GPA of 2.5 (4.0 scale).
2. A two-to-three page statement of intent essay that includes educational and professional background, academic and career plans and area(s) of interest.
3. An interview with DSA faculty.

### Beyond the Classroom

- All students complete an internship with current industry partners to gain real-world vocational experience.
- Optional Practical Training (OPT) experience in the U.S. for up to 3 years after graduation with competitive salary for data scientists.

# Apply Today!

Data science and analytics (DSA) is a fast-growing discipline leading to excellent job opportunities in a variety of fields, including business, industry, health, government, and education.

[gradoffc@buffalostate.edu](mailto:gradoffc@buffalostate.edu) // [dataanalytics.buffalostate.edu](http://dataanalytics.buffalostate.edu) // +1 716-878-5601



## Is This Program for Me?

The M.S. in DSA is designed for individuals with quantitative talent, scientific background, and an entrepreneurial mindset wanting to join the data revolution that is changing all aspects of modern life. The data being collected every-where in our lives has been hailed as the "oil" of the new century. The need to understand such data has generated an unprecedented demand for skilled data analysts.

## Program Details

The data science and analytics programs offer a STEM-based curriculum hosted by the Interdisciplinary Unit for Data Science & Analytics (IUDSA) within the School of Natural and Social Sciences at SUNY Buffalo State. The IUDSA is a collaboration between faculty of mathematics, computer information systems, business, geography and planning, communications and other disciplines, as well as corporate and industry professionals.

In this cutting edge STEM-based program, students combine programming and math/statistics courses with business intelligence and internships for data-driven problem-solving of real-world business challenges. The degree program is interdisciplinary in nature. Students will have the benefit of studying from experts in the respective fields in a coordinated curriculum. All students will have applied and experiential learning opportunities and be required to complete an internship. The DSA curriculum will be combined with business and communication courses allowing graduates to become leaders in their profession.

Semester @ BSC	Credit Hours	Estimated Tuition & Fees*
<b>Year 1:</b>		
1. Fall 1	9 - 12	\$8,976 - \$11,968
2. Spring 1	9 - 12	\$8,976 - \$11,968
<b>Year 2:</b>		
3. Summer 1	<b>CPT</b> OR 3	\$2,992
4. Fall 2	3 - 9	\$2,992 - \$8,976
M.S. from SUNY Buffalo State: <b>\$29,920*</b> (30 Credit Hours needed to complete)		
<b>OPT for up to -3 YEARS-</b>		

\*Does not include housing and meal plans, for more information, visit <http://residencelife.buffalostate.edu>. Amounts subject to change; for the latest tuition and fees rates, please visit <http://studentaccounts.buffalostate.edu/tuition>

## Visit us online for more information

<https://dataanalytics.buffalostate.edu/>

<https://suny.buffalostate.edu/programs?bpid=568>

## Program Contact:

**Sarbani Banerjee, Ph. D.**  
Professor, CIS Department  
SUNY Buffalo State  
1300 Elmwood Avenue  
Technology Building 222  
Buffalo, NY 14222  
[banerjs@buffalostate.edu](mailto:banerjs@buffalostate.edu)