SDSU DYNAMIC FACULTY AND INNOVATIVE PROGRAM

The BDA faculty are leading experts in many fields, including data science, business analytics, applied mathematics, geospatial technology, machine learning, computer visions, social media analytics, computational linguistics, public health, management information systems, accounting, and communications (big.sdsu.edu/faculty.html).

BIG DATA ANALYTICS MASTER OF SCIENCE DEGREE REQUIREMENTS

Total required units: 30 units.

Required FOUR core courses (12 units)

- BDA 500 / GEOG 594 Big Data Science and Analytics Platforms (3)
- BDA 572 / LING 572 Python Scripting for Social Science (3)
- BDA 686 / MIS 686 Enterprise Data Management (3)
- BDA 623 / BA 623 Statistical Analysis (3)

Electives (6-12 units)

Prior approval of electives by the graduate advisor is required for application toward the degree.

Capstone and culminating experience (3-6 units)

- BDA 600 Big Data Analytics Capstone Seminar (3)
- BDA 799A Thesis (3): Plan A only
- BDA 799B Thesis or Project Extension (0): Plan A only
- Comprehensive examination: Plan B only

SAN DIEGO STATE UNIVERSITY
Big Data Analytics Program

HOW TO APPLY FOR THE SDSU BIG DATA ANALYTICS PROGRAM

We accept graduate student applications starting on October 1 each year with Rolling Admission. Deadline to apply is March 1 of the admission year. Please check the SDSU BDA website for the detailed application procedures: big.sdsu.edu/admissions.html
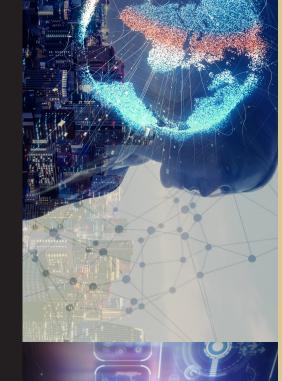
SAN DIEGO STATE UNIVERSITY
Big Data Analytics Program

SDSU BIG DATA ANALYTICS

Master of Science (a two-year program at SDSU)

BIG.SDSU.EDU

The Big Data Analytics (BDA) Program is a transdisciplinary program across technology, business, engineering, science, and social science domains leading to a Master of Science Degree in Big Data Analytics at San Diego State University.

CONTACT INFORMATION

For more information on the SDSU Big Data Analytics (BDA) program,
Email: info.bigdata@sdsu.edu
The SDSU BDA Home Unit:
The Center for Human Dynamics in the Mobile Age
humandynamics.sdsu.edu
San Diego State University
5500 Campanile Drive
San Diego, CA 92182-4493

The program is operated in a collaborative and active transdisciplinary educational environment for students and professionals who wish to advance their knowledge and skills in the fast growing fields of data science and data analytics. It has been designed to meet the growing demand for data analytic professionals in the era of data- and knowledge-economy. For more information on our Big Data Analytics program,
Email: info.bigdata@sdsu.edu

WHAT IS BDA?

Big Data Analytics (BDA) is a dynamic approach to uncovering patterns, unknown correlations, and other useful insights from diverse, large-scale datasets. Although BDA is related to data science, statistics, artificial intelligence, and geospatial technologies, its focus is on business discoveries from big data by using available software tools, such as data mining, machine learning, computational linguistics, geographic information systems (GIS), social network analysis, financial and marketing analytics, spatiotemporal data analysis, and time-frequency analysis.

ANALYTICS
DASHBOARD

WHY SHOULD ENROLL IN THIS BDA PROGRAM?

The SDSU BDA program is unique in Southern California and admits students with background in social science, linguistics, arts, business, GIS, biology, and public health, in addition to those with background in engineering or computer science. Unlike most comparable programs, the SDSU BDA is a low-cost and flexible program that can meet each student's need by customizing individual graduate Program of Studies (POS). Located in the finest city of America, SDSU continues to advance its position as a leader in higher education. It is already ranked in the top 140 national universities and in the top 70 public universities in U.S. News & World Report's annual ranking of America's Best Colleges in 2018. FORBES magazine ranked SDSU No. 23 on its list of America's Most Entrepreneurial Universities, while U.S. News and World Report ranked SDSU's entrepreneurship program No. 21 among the nation's public universities.

The program has a dual-core design for students to learn both computational skills (programming languages and software) and analytical methods (data mining, statistics, machine learning, spatiotemporal analysis, visualization) for data models and business applications.

SDSU GRADUATE TUITION ESTIMATED COSTS FOR 2018-2019 ACADEMIC YEAR

	Graduate California Residents (In-State)	Graduate Nonresidents (Out-of-State)	Graduate Nonresident International Students
Basic Tuition and Fees	$8,922	$8,922	$8,922
Nonresident Tuition	$0	$7,128	$7,128
Health Insurance	optional	optional	$1,281 (required)
Total (Tuition and fee only, per year)	**$8922**	**$16,050**	**$17,331**

Note: The Estimated off-campus housing and food cost per year in San Diego is $14,000.

For International Student Applications, Big Data Analytics is a STEM (Science, Technology, Engineering, or Mathematics) education field. International students may apply for a 24-month extension of their OPT after their first 12-month OPT. Please check for more information at SDSU International Student Center:

go.sdsu.edu/student_affairs/isc/internationalstudents.aspx