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. 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 field of data science and data analytics. It provides a multidisciplinary educational environment for students and professionals who wish to advance their knowledge and skills in the fast-growing field 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

HOW TO APPLY FOR THE SDSU BIG DATA ANALYTICS PROGRAM

We accept graduate student applications starting on October 1 each year with rolling admission. 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 application procedures.

MASTER OF SCIENCE DEGREE

Required FOUR core courses (12 units)

• BDA 500 / GEOG 594 Big Data Science and Analytics Platforms (3)
• Social Science (3)
• 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.

• BDA 271 / MG 666 Enterprise Data Management (3)
• BDA 272 / MG 677 Python Programming for Business Intelligence (3)
• BDA 600 Big Data Analytics Capstone (3)
• Total required units: 30 units.

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 BDA faculty are leading experts in many fields of applied mathematics, geospatial technology, machine learning, computer visions, social media analytics, computational linguistics, public health, management information systems, accounting, and communications.

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Estimated Costs for 2018-2019 Academic Year

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

<table>
<thead>
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<th>Students</th>
<th>2018-2019 Academic Year</th>
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<tr>
<td>Graduate Students</td>
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<tr>
<td>International</td>
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<tr>
<td>International</td>
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</table>

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 data is often complex and difficult to work with, Big Data Analytics (BDA) provides powerful tools to help students excel in their studies.

WHY SHOULD ENROLL IN THIS BDA PROGRAM?

The SDSU BDA program is unique in Southern California and admits students with backgrounds in biology, and public health, in addition to those with backgrounds in engineering or computer science. Unlike most comparable programs, the SDSU BDA program can meet each student's need by customizing individual Graduate Program of Studies (POS). The program has a dual-core design for students to learn both computational skills (programming) and methods (data mining, statistics, machine learning, and natural language processing) in a business context. Students learn to code in a variety of languages, including R, Python, and SQL.

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