



Earning Potential

According to the U.S. Bureau of Labor Statistics (BLS), the national median salary for:

- Data Scientist:
\$108,020
- Research Scientist:
\$145,080
- Applied Statistician:
\$104,860
- Quantitative Analyst:
\$99,890
- Operations Research Analyst:
\$83,640

Delivery Options

- Downtown

Contact

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Data Science is a new emerging discipline built on a foundation of mathematics, statistics, and computing, which seeks to extract information from data using state-of-the-art technology combined with industry knowledge. This degree will prepare students for a career, such as a data scientist—one of the industry’s fastest growing professions—while simultaneously providing the knowledge and skills needed for jobs of the future. According to The Wall Street Journal, data science is “one of the hottest corners of the high-tech labor market.” Additionally, Glassdoor.com asserts that a data scientist is the “best job in America.”

About the Program

The Bachelor of Science in Data Science degree at UHD—the first-of-its-kind in Texas—offers several special features. Students successful at completing the required courses will:

- Learn mathematical modeling and optimization; statistical inference and techniques; modern programming languages; ethically and mathematically sound decision-making; data visualization, presentation and communication.
- Simultaneously earn at least two minors—mathematics and applied statistics.
- Be exposed to at least four courses in a secondary discipline to gain knowledge and context in industries where their data science skills may be applied.
- Have the opportunity for undergraduate research, senior projects or internships as a capstone experience.

Additionally, successful graduates will be prepared for immediate employment in satisfying and lucrative careers while being prepared to enter graduate school in Data Analytics, Data Science and Applied Statistics.

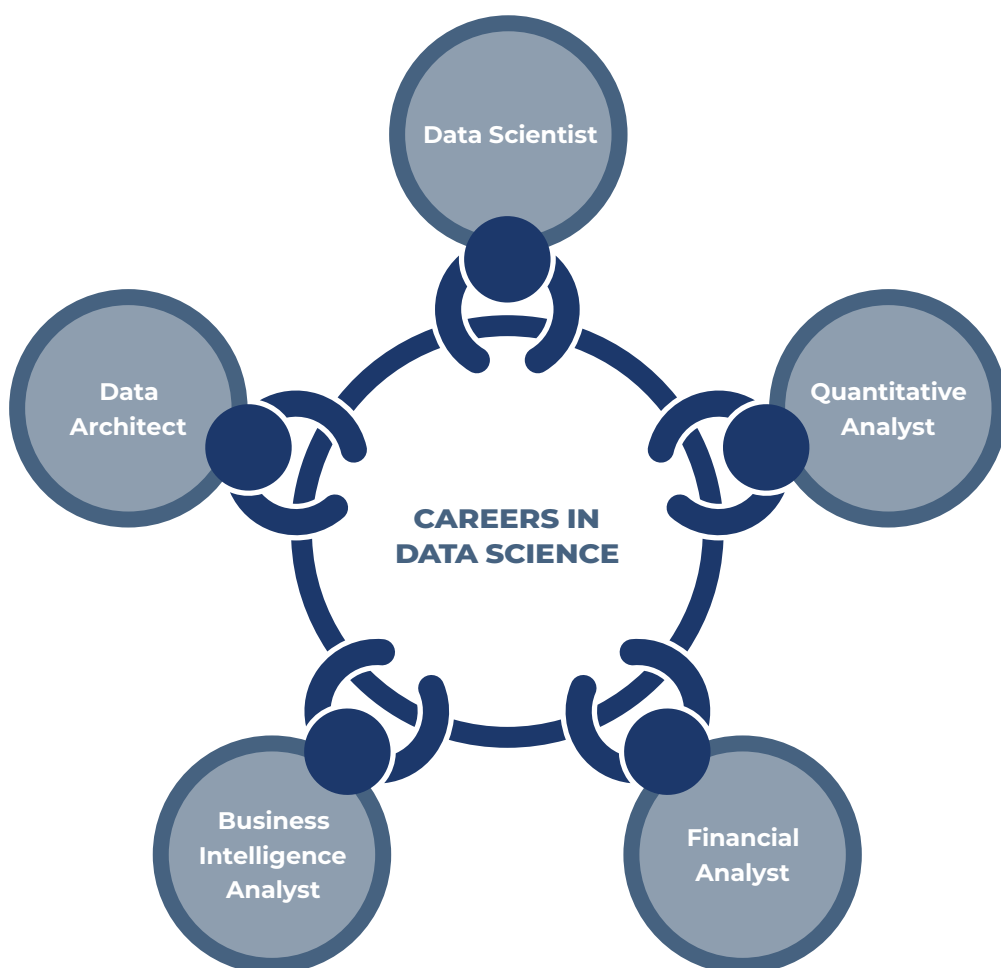
Bachelor of Science in DATA SCIENCE

Affiliated Student Organizations

The **Mathematical Association of America** is the largest professional society that focuses on mathematics accessible at the undergraduate level.

Career Options

A bachelor's degree in Data Science from the University of Houston-Downtown opens up a world of exciting career possibilities. Graduates are well-equipped to pursue in-demand roles like data analyst, data engineer, business intelligence analyst, and more. With companies across all industries relying on data to drive decisions, data scientists are highly sought after. Potential employers range from tech giants and financial firms to healthcare organizations, government agencies, and everything in between. The skills gained through this program, including expertise in data mining, machine learning, predictive modeling, and data visualization, position graduates for fulfilling careers at the forefront of the data revolution. Whether analyzing consumer trends, optimizing logistics, or transforming raw data into actionable insights that create value, data scientists play a crucial role. The largest employers of Data Science graduates are government, local authorities, companies (technological, financial, consulting/reporting, telecommunications, manufacturing, construction, utility, market research) and research institutes. The Data Science curriculum is designed to prepare students for a variety of career paths.



Next Steps

Applicants must complete and submit all of the following items:

- Apply for admissions online via uhd.edu/apply
- Submit your \$50 application fee
- Apply for Financial Aid fafsa.gov
- Fulfill testing requirements uhd.edu/testing
- Get advised and Register uhd.edu/academics/advising
- Pay for Classes uhd.edu/cashiers
- Prepare for Class



Scan QR Code or visit
uhd.edu/datascience
for more information