# ACCELERATED BS IN DATA SCIENCE/MBA (3+1)

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This Accelerated Dual-Degree BS in Data Science and MBA (3+1) meets the needs of the growing demand for data professionals and can be applied to numerous industries. This program is for highly motivated individuals who have a core understanding of data science and are looking to pursue leadership roles in the business world. You will learn the fundamental skills necessary to extract, analyze and interpret massive amounts of data to make strategic decisions at a high level.

Students in this program must complete the requirements (http://catalog.qu.edu/arts-sciences/mathematics/data-science-bs/#newitemtext) for the BS in Data Science during their first three years at Quinnipiac. Students must complete the requirements (http://catalog.qu.edu/graduate-studies/business/business-administration-mba/#curriculumtext) for the MBA by the end of their fourth year.

Upon completion of the BS in Data Science, students will develop the following competencies:

1. **Have a deep understanding** of the mathematical, statistical and computer science concepts necessary for data science.
2. **Understand** the technology stack necessary to bring quantitative analysis to production in any industry or academic setting.
3. **Utilize** complicated data and advanced machine learning models to solve real-world problems—whether that is predicting customer retention or identifying the impact of rain on floodplain soil conditions.
4. **Leverage** these skills and expertise in a chosen domain (e.g., biology, business, economics, history, psychology).

Upon completion of the MBA, students will develop the following competencies:

1. **Business Analytic Skills:** Demonstrate the ability to understand, interpret and develop data-driven approaches for business decision-making, and understand and use business information and metrics to assess business problems, identify opportunities and offer solutions.
2. **Managing People and Organizations:** Demonstrate the ability to manage professional relationships and ability to drive organizational growth and change.
3. **Strategic Integration:** Demonstrate the ability to assess a business situation and identify key dynamics and constraints, and to formulate and implement an effective response.
4. **Business and Society:** Demonstrate the ability to understand the relationship between business and society, and apply knowledge of ethics, social responsibility and sustainability to business situations.
5. **Application of Business Knowledge:** Demonstrate knowledge of core business functions, integrate this knowledge to address business problems and opportunities, and evaluate and apply emerging practices, technologies and ideations that can impact the future of business practices and work.

The accelerated dual-degree (3+) program is designed for outstanding students. First-year applicants will be considered for an accelerated dual-degree program based on demonstrated academic achievement to complete the bachelor's degree at an accelerated pace.

While scores are not required, if a student wants to submit, they should have at least a 1200 SAT or 25 ACT to be considered

For detailed admission requirements, including required documents, please visit the Admissions page (http://catalog.qu.edu/general-information/admissions/) of this catalog. You can also learn more about accelerated dual-degrees (https://www.qu.edu/academics/about-our-programs/accelerated-dual-degree/) on qu.edu