

Bachelor of Science Degree (B.S.) Business Data Science

Program Learning Objectives:

1. Describe scientific, technical, and quantitative analysis and insights, orally and in written forms of communication to both technical and non-technical audiences.
2. Design and manage databases, and build data mining and machine learning models using best practices and patterns.
3. Demonstrate skills in programming, managing big data, and cloud computing.
4. Analyze and blend data to tell stories and draw conclusions, while evaluating source quality and spotting bias.
5. Integrate and apply learning in the context of real-world business applications, and develop ethical-moral reasoning to assess its implications.
6. **For Artificial Intelligence Concentration:** Demonstrate knowledge about applications of artificial intelligence including chatbots, deep learning, and natural language processing.
7. **For Business Analytics Concentration:** Conduct quantitative analysis of business problems, and apply descriptive, predictive, and prescriptive analytics, and optimization to solve them.

Not all programs and courses are offered at all locations. You may be required to take some courses at another location or online.

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10282.07.01.2021