The Bachelor of Science in Data Science

Turn data into insight to drive change.



The Bachelor of Science in Data Science (BSDSC) prepares you to lead in a world driven by data. Our curriculum combines data analysis, computing and critical thinking with a strong foundation in math, statistics and programming skills to help you turn complex data into meaningful insights. Through hands-on learning, you will gain real-world experience and the confidence to graduate ready to make an impact. From technology and healthcare to business and beyond, data science opens the door to exciting and rewarding careers.

Why Pursue the BSDSC Degree Program?

- Master the core of data science with solid skills in math, statistics and programming.
- Develop specialized skills in data analysis and learn how to analyze data using the latest tools and techniques.
- Apply data science to tackle complex real-world challenges across various industries with a strong sense of ethical responsibility in data usage and management.
- Develop the ability to explain data insights clearly and work effectively in diverse and interdisciplinary environments.
- Stay ahead in a fast-changing field of data science by building the adaptability and mindset to grow with new tools and technologies.



Faculty

Our internationally diverse faculty hold the top qualifications in applied statistics, mathematics and related fields, bringing a wealth of knowledge to the classroom. Their commitment to excellence in teaching and research ensures that students receive high-quality education and the support needed to thrive as a student at AUS.

In addition to conducting extensive research in data science and its related areas, AUS faculty explore a wide range of topics in the mathematical sciences. Their work encompasses foundational pure mathematics, such as analysis, algebra and topology, which support the development of algorithms. They also pursue applied mathematics, computational methods and simulation in addition to advanced studies in probability and statistics, all of which contribute to the evolving landscape of data-driven science.

Admission Requirements

Formal admission to the program follows AUS' undergraduate admission requirements. Students transferring into the program must have a cumulative **GPA of 2.0** or higher and permission of the Head of the Department of Mathematics and Statistics or the college Associate Dean for Undergraduate Affairs.

Degree Requirements

The Bachelor of Science in Data Science program comprises of a minimum of **122 credits**, including a minimum of **48 credits** in courses at the **300 level** or above:

General education requirements	38 credits
Major requirements and electives	69 credits
Innovation and entrepreneurship requirement	3 credits
Free electives	12 credits

If you want to pursue a degree in data science at AUS, then we want to hear from you. You can talk to one of our advisors about what you are looking for.

Contact us today

bsdsc@aus.edu go.aus.edu/bsdsc

@ausharjah



Apply now

www.aus.edu/apply