



## Department of Mathematical & Physical Sciences

### Overview of the B.Sc. in Data Science & Analytics

The undergraduate program in Data Science and Analytics is a four-year B.Sc. program with 130 credits. It is designed to provide students with a solid foundation in the principles and practices of handling and analyzing large datasets. Through a multidisciplinary approach that integrates concepts from computer science, mathematics, and statistics, students gain a deep understanding of data manipulation, visualization, and interpretation. The curriculum emphasizes hands-on experience with various programming languages and statistical tools, allowing students to develop practical skills in data mining, machine learning, artificial intelligence, and predictive modeling. Furthermore, students are encouraged to apply their knowledge to real-world problems through internships, capstone projects, and research opportunities. By the end of the program, graduates will be equipped with the expertise and versatility to pursue careers in diverse fields such as business, healthcare, finance, and technology, where their analytical skills are in high demand.

### Special Features of the Program

- Experienced Faculty members
- Modern Up-to-date Curriculum
- State of the art Computer Laboratory facility
- A modern Library with up-to-date Books and Journals
- Academic collaboration with other prestigious Universities
- Undergraduate Teaching Assistantships opportunities
- Scholarship/ Financial assistance
- Bright employment opportunities

#### For details please contact

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