

ADMISSION CRITERIA

- Students should apply for admission within two years after receiving high school certificate or its equivalent.
- Students must possess either Scientific or Unified Track-Scientific for their high school study.
- The minimum accepted GPA in General Secondary Certificate (TAWJIHEE) is specified on <https://www.uob.edu.bh/admission-requirements/>.
- Students should pass the General Aptitude Test conducted by the university:
 - English for private schools.
 - Arabic for public schools.
- Students should have good conduct and behavior.
- Students should be medically fit.

NOTES:

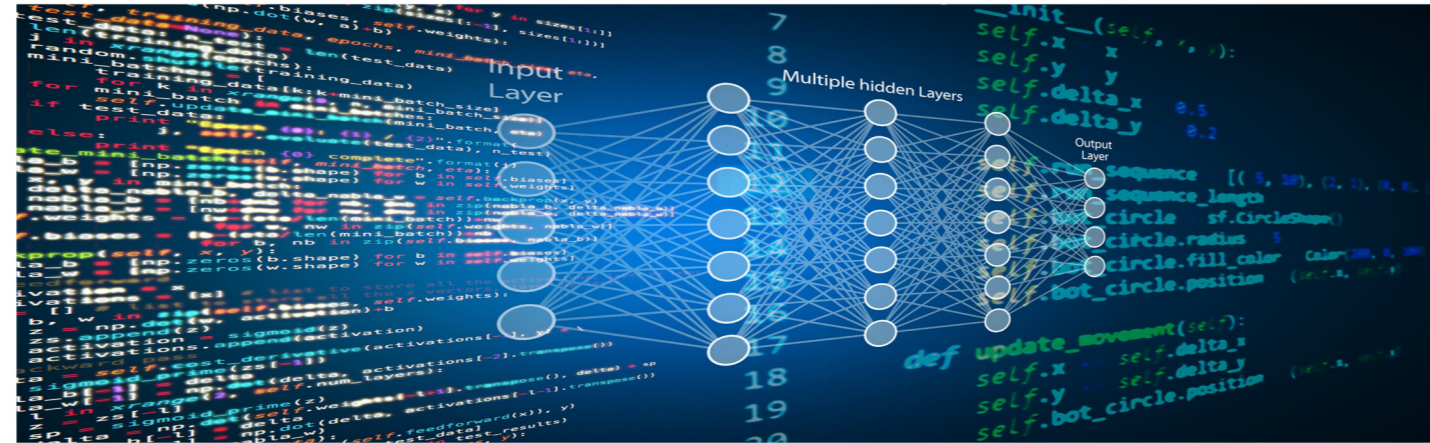
- The admission of new students to the program depends on the number of seats available of which the capacity of the program is determined by the department during the planning phase.
- The admission of new students to the program is done on a competitive basis so that students are admitted based on their “competitive average” (which includes high school GPA and entrance exam marks if applicable).

MORE DETAILS

CAREER

The B.Sc. in Statistics and Data Science degree helps you develop skills in logical thinking, problem-solving and decision making, which are valued by employers across many job sectors such as:

- Statistician
- Data Scientists
- Business Analyst
- Data Mining Analyst
- Big Data Solution Architect
- Machine Learning Engineer
- Data Visualization Developer



UNIVERSITY OF BAHRAIN
COLLEGE OF SCIENCE
DEPARTMENT OF
MATHEMATICS

BSC. IN STATISTICS AND DATA SCIENCE

“Data & data science greatly influence everything we do.”

Ronald van Loon

CONTACT US

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SCAN ME

DEPARTMENT OF MATHEMATICS



The Department of Mathematics was established in 1979. It is a major center for mathematics research and education in the

Kingdom of Bahrain. It serves around ten thousand students every year and features recognized faculty with outstanding accomplishments in teaching, research, and service.

The Department of Mathematics is keen to provide its graduates with essential mathematical and statistical knowledge to develop critical and logical thinking that will enable them to pursue different career goals such as industrial employment, professional education, or preparation for graduate programs.

The department is also committed to scholarship and research in pure and applied mathematics, statistics, actuarial science, data science and related fields, and to active participation in public professional activities of its disciplines.



PROGRAM OVERVIEW

This is a new bachelor program which was initiated in 2021 to be offered by the Department of Mathematics. The program was designed to give graduates the interdisciplinary skills that employers need.

The program integrates statistics, mathematics, computer science, and data science to produce graduates with the skills needed to evaluate and interpret data. Graduates will develop enhanced skills in problem solving, critical thinking and communication that will carry them through an interesting and flexible career in a range of industries and organizations.



PROGRAM STRUCTURE

128 CREDIT HOURS

GENERAL COURSES

Calculus, Linear Algebra, Probability, Computer Science

SPECIALIZED COURSES

Regression Analysis, Time Series Analysis, Multivariate Analysis, Data Mining, Machine Learning, Big Data Technologies

SUMMER INTERNSHIP

SENIOR PROJECT