

# Data Science

degrees @

# UKZN



## WHAT IS DATA SCIENCE?

Data Science has emerged as a new category professional degree, with a strong interdisciplinary character that combines applied mathematics, statistics, computer science and various business disciplines.

## WHY SHOULD I STUDY DATA SCIENCE?

To equip yourself for the task of deriving and effectively communicating actionable insights from a vast quantity and variety of data. Business highly appreciates and seeks such talent with the associated knowledge and skills. Data Science is a highly demanded and exciting modern career, and is right for you, if you have a passion for working with data, as well as a good appetite for mathematical and statistical programming.

## WHY SHOULD I STUDY DATA SCIENCE AT UKZN?

The suite of scaffolded Data Science qualifications at UKZN is a one-of-a-kind offering in South Africa and perhaps Africa. It offers a Masters, Postgraduate Diploma and BSc degree in Data Science. The degrees are designed to produce well-rounded professionals, by providing work-based learning opportunities in collaboration, and through partnerships, with industry through internships and solving of real problems emanating from business and industry.

The uniqueness of the UKZN Data Science qualifications lie in our programmes equipping the learners with problem solving skills and knowledge,

using up-to-date industry problems within the modules and students' projects, where after the students present attempted solutions to the industry, for the benefit of feedback from the industry to the students, but more importantly, to the academics, that will continuously look to improve the service to industry and skills of graduates, through constant review of academic programmes. As a result, our graduates will emerge with qualifications that fulfil both industry and academic standards.

## PROGRAMME STRUCTURE AND ENTRY REQUIREMENT

	BSc Degree in Data Science	Postgraduate Diploma in Data Science	Masters Degree in Data Science
Full time (FT) or Part time (PT)	FT only	Both FT and PT	Both FT and PT
Minimum duration	3 yrs	1 yr (FT) and 2 yrs (PT)	1 yr (FT) and 2 yrs (PT)
Entry requirements	Admission to M-stream (30 points, NSC-Deg with Maths 5, Eng & LO 4 and Agric Sci or Life Sci or Phys Sci 4)	Bachelor degree in Commerce, Engineering or Science, with at least two years industry data management experience, displayed in a Portfolio of Evidence	Honours degree in Data Science, <b>or</b> Postgraduate Diploma in Data Science, <b>or</b> Honours degree in Statistics

### FOR FURTHER INFORMATION:

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