MSc in Data Science

The Science Faculty at UCT will offer an interdisciplinary degree in Data Science from 2017. Participating departments are Statistical Sciences, Computer Science, Astronomy, Physics, and the Bioinformatics unit (Health Sciences faculty).

The degree is aimed at students
- who hold a good honours degree;
- who do not have an advanced background in Statistics and Computer Science;
- who have been exposed to mathematics and computing during their undergraduate studies.

Students will learn the statistical and computing skills required to deal with Big Data from Astronomy, Physics, Medicine, and Commerce.
Structure: One year course work (90 credits) followed by a dissertation (90 credits)
Visit : http://www.stats.uct.ac.za/stats/study/postgrad/masters or
e-mail celene.jansen-fielies@uct.ac.za.

UNSUPERVISED LEARNING

SUPERVISED LEARNING

DATABASES

COMPUTING

PARTICLE

PHYSICS

BIOINFORMATICS

PRESCRIPTIVE

ASTRONOMY

DECISION

MODELLING

VISUALIZATION

ANALYTICS

FOR INDUSTRY