

**DATA SCIENCE (ONLINE) (SEPTEMBER START)
(MSc/PgDip/PgCert)**

63F3DSB1

Duration: 12 months or 27 months

Content:

Stage 1

- PX5015 Introduction to Programming (15 credit points)
- PX5016 Introduction to Data Science (15 credit points)
- PX5018 Statistics and Time Series Analysis (15 credit points)
- PX5027 Introduction to Python and R (15 credit points)

Stage 2

- PX5511 Data Visualisation (15 credit points) or CS551G Data Mining and Visualisation (15 credit points)
- PX5512 Advanced Statistics and Special Applications (15 credit points)
- PX5517 Machine Learning (15 credit points)
- PX5525 Image Analysis (15 credit points)

Stage 3

- PX5902 Data Science Project (60 credit points)

Assessment: By course work, by written examination or by a combination of these as prescribed for each course. The course PX5902 – Data Science Project will be assessed by a dissertation.