HEALTH DATA SCIENCE (ONLINE) (MSc/PgDip/PgCert)

63UB9IB1/63UB9IVX/63UB9IVZ

It takes a minimum 24 months (part-time) to complete the MSc programme. There are four compulsory taught courses for the award of MSc, but all taught courses can be taken in any order. We would recommend taking PU5058 as early as possible.

Compulsory course in Term 1:

PU5058 Introduction to Health Data Science (15 credits) (compulsory for all awards)

Optional courses in Term 1:

CS5098 Database Systems and big data (15 credits)
CS502W Introduction to Data Visualisation with Python (15 credits)
PU5027 Fundamentals of Research Design (15 credits)
PU5038 Designing Real-World Trials (15 Credits)
PU5031 Evidence Based Health Care (15 Credits)

Compulsory courses in Term 2:

PU5522 Applied Statistics (15 credits) (compulsory for MSc award)
PU5532 Health Informatics (15 credits) (compulsory for PGDip and MSc)
PU5558 Machine Learning for Healthcare (15 credits) (compulsory for PGDip and MSc)

Optional courses in Term 2:

CS551L Data Science: from data to insight (15 credits)
PU5546 Health Economics (15 credits)
PU5538 Epidemiology (15 credits)
PU5559 Understanding and Applying Regression Models (15 credits)

Optional courses in Term 3

PU5922 Research Project (60 credits)
PU5927 Professional Placement in Health Data Science (60 credits)
PU5919 Evaluating Policy Effects in Practice (30 credits)
PU5923 Extended Work-Based Placement in Applied Health Sciences (30 credits)

- Students can select to not take any of the Term 3 courses and complete their degree based solely on Term 1 & 2 courses

- Students can choose to take only one of the 30-credit courses and build the other credits from the Term 1 or 2 options to complete the appropriate number of credits for their award or take both 30-credit courses

- The 60-credit research project PU5922 and 60- or 30-credit work-based placement courses can only be taken after the completion of 120 credits. PU5919 can be taken earlier (e.g. during Term 3 of Year 1)

- The 60-credit courses are not available as part of the PGCert or PGDip - they can only be used towards the award of MSc

- Students cannot take both 30- and 60- credit work-based placement courses (coded PU5923 and PU927, respectively)

- Students cannot take both the 60-credit research project and the 60-credit work-based placement