HEALTH DATA SCIENCE (ONLINE – JANUARY START) (MSc/PgDip/PgCert)

63UB9IB1/63UB9IVX/63UB9IVZ

It takes a minimum of 24 months to complete the MSc programme. There are four compulsory courses for the award of MSc, but all courses can be enrolled on in any order. Students are recommended to enrol on PU5058 as early as possible.

Compulsory course in Term 1:

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

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 1:

CS502W Introduction to Data Visualisation with Python (15 credits)
CS5098 Database Systems and big data (15 credits)
PU5027 Fundamentals of Research Design (15 credits)
PU5031 Evidence Based Health Care (15 credits)
PU5036 Epidemiology (15 credits)
PU5038 Designing Real-World Trials (15 credits)

Optional courses in Term 2:

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

Optional courses in Term 3

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

Notes

- Students can elect not to enrol on any Term 3 courses and instead complete their degree by enrolling solely on Term 1 and Term 2 courses.

- Students can elect to enrol on only one of PU5919 or PU5923 and achieve the remaining credits for their award by enrolling on Term 1 and Term 2 courses, or they can study both PU5919 or PU5923.

- Students cannot enrol on both PU5922 and PU5927.

- Students cannot enrol on both PU5923 and PU927.

- PU5922 and PU5927 are not available as part of the PGCert or PGDip - they can only be enrolled on by students studying towards the award of MSc.

- PU5922, PU5923, and PU5927 can only be enrolled on following the completion of 120 credits. PU5919 can be enrolled on earlier (e.g. during Term 3 of Year 1).