

## **MSc in Data Analytics for Government Programme Structure**

### **Options for Different Lengths of Study**

#### **2 years part-time**

Alternatively, students could take three module in each semester in the first year (60 credits), followed by three modules in each semester plus the dissertation in the second year (120 credits).

#### **3 years part-time**

Students will typically take three modules in each semester in the first year (60 credits), 3 modules in each semester in the second year (60 credits) and the dissertation in the third year (60 credits).

#### **4 years part-time**

Students will typically take two modules in each semester in the first year (40 credits), two modules in each semester in the second year (40 credits), two optional in each semester in the third year (40 credits), and the dissertation in their fourth year (60 credits).

#### **5 years part-time**

Students will typically take three modules each year for the first four years and then complete the dissertation in their final year.

The above options are shown in the following structure diagrams.

**2 years part-time**

**Year 1  
Semester 1**

P08801  
Data Science  
Foundations

P08803  
Statistical  
Programming

P08811  
Regression  
Modelling

**Year 1  
Semester 2**

P08800  
Statistics in  
Government

P08802  
Survey  
Fundamentals

P08814  
Advanced  
Statistical  
Modelling

**Year 2  
Semester 1**

P08810  
Introduction to  
Survey  
Research

P08820  
Introduction to  
Machine  
Learning

P08822  
Introduction to  
Distributed  
Systems

P08899  
Dissertation in  
Data Analytics

**Year 2  
Semester 2**

P08815  
Series  
Analysis

P08821  
Advanced  
Machine  
Learning

P08825  
Data  
Visualisation

**3 years part-time**

<b>Year 1 Semester 1</b>	P08801 Data Science Foundations	P08803 Statistical Programming	P08811 Regression Modelling
<b>Year 1 Semester 2</b>	P08800 Statistics in Government	P08802 Survey Fundamentals	P08814 Advanced Statistical Modelling
<b>Year 2 Semester 1</b>	P08810 Introduction to Survey Research	P08820 Introduction to Machine Learning	P08822 Introduction to Distributed Systems
<b>Year 2 Semester 2</b>	P08815 Series Analysis	P08821 Advanced Machine Learning	P08825 Data Visualisation
<b>Year 3 Semester 1</b>	P08899 Dissertation in Data Analytics		
<b>Year 3 Semester 2</b>			

**4 years part-time**

<b>Year 1 Semester 1</b>	P08801 Data Science Foundations	P08803 Statistical Programming	<b>Year 3 Semester 1</b>	P08820 Introduction to Machine Learning	P08822 Introduction to Distributed Systems
<b>Year 1 Semester 2</b>	P08800 Statistics in Government	P08802 Survey Fundamentals	<b>Year 3 Semester 2</b>	P08821 Advanced Machine Learning	P08825 Data Visualisation
<b>Year 2 Semester 1</b>	P08811 Regression Modelling	P08810 Introduction to Survey Research	<b>Year 4 Semester 1</b>	P08899 Dissertation in Data Analytics	
<b>Year 2 Semester 2</b>	P08814 Advanced Statistical Modelling	P08815 Series Analysis	<b>Year 4 Semester 2</b>		

**5 years part-time**

