

These programme regulations should be read in conjunction with the University's [core regulations for modular taught master's degrees, postgraduate diplomas and postgraduate certificates](#).

## **Master of Data Science (Heritage) (G5P523)**

1. Location: Durham City
2. Duration: 12 months (full-time)

### **Programme structure**

3. Candidates shall undertake the following modules:

		<b>Credit Value</b>
Data Science Research Project ~	<a href="#">DATA40345</a>	45
Data Science Applications in Heritage and Archaeology	<a href="#">ARCH43115</a>	15
Data Analysis in Space and Time	<a href="#">GEOL50315</a>	15
Critical Perspectives in Data Science and AI	<a href="#">ANTH40A15</a>	15
Programming for Data Science	<a href="#">COMP42315</a>	15
Introduction to Statistics for Data Science	<a href="#">MATH42715</a>	15

4. Candidates shall also study and be assessed in the following modules in one of the following lists depending on their prior qualifications and experience:

<b>LIST A</b>		<b>Credit Value</b>
Introduction to Computer Science	<a href="#">COMP42215</a>	15
Introduction to Mathematics for Data Science	<a href="#">MATH42615</a>	15
30 credits from List E		30

<b>LIST B</b>		<b>Credit Value</b>
Introduction to Computer Science	<a href="#">COMP42215</a>	15
45 credits from List E		45

<b>LIST C</b>		<b>Credit Value</b>
Introduction to Mathematics for Data Science	<a href="#">MATH42615</a>	15
45 credits from List E		45

<b>LIST D</b>		<b>Credit Value</b>
None of the above and 60 credits from List E		60

5. Candidates allocated to List A shall also study and be assessed in 30 credits taken from the following modules from List E. Candidates allocated to List B or List C shall also study and be assessed in 45 credits from List E. Candidates allocated to List D shall also study and be assessed in 60 credits from List E.

<b>LIST E</b>		<b>Credit Value</b>
Text Mining and Language Analytics	<a href="#">COMP42415</a>	15
Ethics of Artificial Intelligence and Data Science	<a href="#">PHIL42415</a>	15
Machine Learning	<a href="#">MATH42815</a>	15
Computational Social Sciences	<a href="#">SOCI44115</a>	15
Modelling in Molecular Biology	<a href="#">BIOL50415</a>	15
Strategic Leadership	<a href="#">BUSI4S114</a>	15
Data Exploration, Visualization, and Unsupervised Learning	<a href="#">MATH42515</a>	15

Timetabling compatibility may change on an annual basis. Not all modules will be available every year. Students will be informed as part of the registration process which modules are available in that year.

### **Teaching, assessment, progression and award**

6. Project reports for DATA 40345 are submitted on 31<sup>st</sup> August.

7. Candidates will be allocated to one of the module sets identified in Lists A - D as part of the registration process.
8. Modules marked with ~ must be passed at 50% or above; a mark of 40-49% cannot be compensated.