

These programme regulations should be read in conjunction with the University's [core regulations for postgraduate programmes](#), and the [marking and classification conventions for postgraduate programmes](#).

## Master of Data Science (G5K823)

1. Location: Durham City
2. Duration: 12 months (full-time)
3. The last intake of students for this programme will be October 2026.

### Programme structure

4. Candidates shall undertake the following modules:

		<b>Credit Value</b>
Data Science Research Project ~	<a href="#">DATA40345</a>	45
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
Machine Learning	<a href="#">MATH42815</a>	15
Ethics of Artificial Intelligence and Data Science	<a href="#">PHIL42415</a>	15
Strategic Leadership	<a href="#">BUSI4S115</a>	15

5. 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

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

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

<b>LIST D</b>		<b>Credit Value</b>
None of the above and 30 credits from List F		30

6. Candidates shall also study and be assessed in modules to the value of 15 credits from list E

<b>List E</b>		<b>Credit value</b>
Text Mining and Language Analytics	<a href="#">COMP42415</a>	15
Data Exploration, Visualization, and Unsupervised Learning	<a href="#">MATH42515</a>	15
Multilevel Modelling	<a href="#">MATH43515</a>	15

7. Candidates taking modules in either List B or List C shall also study and be assessed in 15 credits taken from the following modules from List F subject to timetabling compatibility. Candidates selecting List D shall take 30 credits from List F subject to timetabling compatibility:

<b>LIST F</b>		<b>Credit Value</b>
Data Science Applications in Archaeology and Heritage	<a href="#">ARCH43115</a>	15
Bioinformatics	<a href="#">BIOL50315</a>	15
Text Mining and Language Analytics	<a href="#">COMP42415</a>	15
Data Exploration, Visualization, and Unsupervised Learning	<a href="#">MATH42515</a>	15
Multilevel modelling	<a href="#">MATH43515</a>	15
Models and Methods for Health Data Science	<a href="#">MATH52315</a>	15
Health Informatics and Clinical Intelligence	<a href="#">SOC159715</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**

8. Project reports for DATA 40345 are submitted on 31<sup>st</sup> August.
9. Candidates will be allocated to one of the module sets identified in Lists A to List D as part of the registration process.
10. Modules marked with ~ must be passed at 50% or above; a mark of 40-49% cannot be compensated.