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 (Bioinformatics and Biological Modelling) (G5P223)

1. Location: Durham City

2. Duration: 12 months (full-time)

Programme structure

3. Candidates shall undertake the following modules:

		Credit Value
Data Science Research Project ~	DATA40345	45
Bioinformatics	BIOL50315	15
Critical Perspectives in Data Science	ANTH40A15	15
Programming for Data Science	COMP42315	15
Introduction to Statistics for Data Science	MATH42715	15
Machine Learning	MATH42815	15
Ethics and Bias in Data Science	PHIL42415	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:

LIST A		Credit Value
Introduction to Computer Science	COMP42215	15
Introduction to Mathematics for Data Science	MATH42615	15
15 credits from List D		15

LIST B		Credit Value
Introduction to Computer Science	COMP42215	15
30 credits from List D		30

LIST C		Credit Value
Introduction to Mathematics for Data Science	MATH42615	15
30 credits from List D		30

5. Candidates shall also study and be assessed in modules taken from List D to the value of 15 credits for students allocated to List A and 30 credits for students allocated to List B or List C, subject to timetabling compatibility:

LIST D		Credit Value
Modelling in Molecular Biology	BIOL50415	15
Strategic Leadership	BUSI4S115	15
Text Mining and Language Analytics	COMP42415	15
Data Exploration, Visualization, and Unsupervised Learning	MATH42515	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 induction process which modules are available in that year.

Teaching, assessment, progression and award

6. Candidates will be allocated to one of the module sets identified in Lists A to List C as part of the induction process.

7. Teaching on this programme will be delivered in a blended mode with specific elements delivered online by design. The individual module outlines provide further detail of how taught content will be delivered.

2023 – 2024

8. If a candidate fails a module they may be given the opportunity to resit the relevant assessment(s) before the end of the academic year at a time to be determined by the relevant department.

9. Modules marked with ~ must be passed at 50% or above; a mark of 40-49% cannot be compensated.