

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 (Bioinformatics and Biological Modelling) (G5P223)

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

Programme structure

3. Candidates shall undertake the following module:

Research Project ~	DATA40160	Credit Value 60
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4. Candidates shall study and be assessed in the following modules:

		Credit Value
Introduction to Computer Science	COMP42215	15
Introduction to Statistics for Data Science	MATH42715	15
Machine Learning	MATH42815	15
Programming for Data Science	COMP42315	15
Introduction to Mathematics for Data Science	MATH42615	15
Ethics and Bias in Data Analytics	PHIL42415	15

5. Candidates shall study and be assessed in the following modules:

Bioinformatics	BIOL50315	Credit Value 15
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6. Candidates shall study and be assessed in 15 credits taken from the following modules:

		Credit Value
Text Mining and Language Analytics	COMP42415	15
Data Exploration, Visualization, and Unsupervised Learning	MATH42515	15
Strategic Leadership	BUSI4S115	15
Modelling in Molecular Biology	BIOL50415	15

Assessment, progression and award

7. If a candidate fails a module they may be given the opportunity to resit the relevant examination(s) before the end of the academic year at a time to be determined by the Department.
8. Modules marked with a ~ must be passed at 50% or above; a mark of 40-49% cannot be compensated.