

DEPARTMENT OF MATHEMATICS

MSc in Data Science 2021-22

LIFE SCIENCES STREAM

- The maximum number of credits **should not exceed 180** for the year.
- The maximum number of credits at Level 6 **should not exceed 30** for the year.
- Email this form to mps_pgtooffice@sussex.ac.uk **by 12 noon on 24th September 2021**.
- Please note that the Department reserves the right to withdraw any of these modules.
- **No option module changes will be allowed after WEEK TWO of either Semester.**

Department	Sem	Status	Module	Module code	Credits	Level	Tick Here
SEMESTER ONE							
Informatics	S1	Core	Data Science Research Methods	970G5	15	7	✓
Informatics	S1	Core	Algorithmic Data Science	969G5	15	7	✓
Informatics	S1	Core	Mathematics and Computational Methods for Complex Systems	817G5	15	7	✓
Life Sciences	S1	Option	Advanced Methods in Molecular Research (Highly recommended)	806C7	30	7	
P&A	S1	Option	Programming in C++	898F3	15	7	
P&A	S1	Option	Data Analysis Techniques	890F3	15	7	
SEMESTER TWO							
Mathematics	S2	Core	Data Science Masters Research Proposal	806G1	15	7	✓
P&A	S2	Core	Wider Topics in Data Science	905F3	15	7	✓
Informatics	S2	Core	Machine Learning	934G5	15	7	✓
Life Sciences	S2	Option	Genomics and Bioinformatics	C7120	15	6	
Mathematics	S2	Option	Statistical Inference	867G1	15	7	
YEAR							
Mathematics	Year	Core	Dissertation (Data Science)	844G1	45	7	✓

Syllabus Rule: Student must take 15 credits (one option) in Semester 1 and 30 credits (two options) in Semester 2. All options must be from the chosen stream.
 We recommend that all students on the Life Sciences stream take “Genomics and Bioinformatics”.
 Graduates from a non-life science background should take “Introduction to Genes and Biochemistry”.

Student's Full Name: _____

STUDENT DECLARATION I confirm that I have checked the syllabus and credit information and chosen my options accordingly. Student's signature: _____ Date: _____
COURSE CONVENOR (Prof Enrico Scalas) I confirm that the options taken by this student are appropriate and are according to the course structure. Convenor signature: _____ Date: _____