MSC (BIOINFORMATICS AND COMPUTATIONAL BIOLOGY)

GOIVII O	TATIONAL BIOLOGI)	
Programme R	equirements	
Code	Title Cree	dits
	LOGICAL SCIENCE GRADUATES	
	credits as follows - all listed core modules (85	
,	dits of elective modules:	
Biological Science	e laught Modules	
CS6405	Datamining	5
CS6501	•	5
CS6502	Programming for Bioscientists I Programming for Bioscientists II	5
MB6300	Computational Systems Biology	5
MB6300	Genomic Data Analysis	5
MB6301	•	5
ST3300	Computational Microbiome Analysis	5
	Data Analysis I	
ST4400	Data Analysis II	5
ST5005	Introduction to Probability and Statistics	5
Elective Modules	andika funus klan fallannin ur	
	redits from the following:	_
CS6421	Deep Learning	5
AM6020	Open Source Infrastructure for Modelling with Data	5
AM6016	Dynamic Machine Learning with Applications	5
MS6005	Discrete Mathematics	5
CS6503	Introduction to Relational Databases	5
	e Research Module	
Core Modules	B B (00
MB6303	Dissertation in Bioinformatics and Computational Biology	30
	MPUTER SCIENCE GRADUATES	
	credits as follows - all listed core modules (85 dits of elective modules:	
Computer Science	Taught Modules	
Core Modules		
ST5005	Introduction to Probability and Statistics	5
BC6002	Molecular Biology	5
BC6003	Biomolecules	5
BL6023	Cells, Biomolecules, Genetics and Evolution	5
CS6405	Datamining	5
CS6502	Programming for Bioscientists II	5
MB6300	Computational Systems Biology	5
MB6301	Genomic Data Analysis	5
MB6302	Computational Microbiome Analysis	5
ST3300	Data Analysis I	5
ST4400	Data Analysis II	5
Elective Modules		
MS6005	Discrete Mathematics	5
CS6501	Programming for Bioscientists I	5
Computer Science	Research Modules	

Core Modules

MB6303	Dissertation in Bioinformatics and Computational Biology	30
STREAM FOR M	MATHEMATICS GRADUATES	
	00 credits as follows - all listed core modules (85 redits of elective modules:	
Mathematics Ta	aught Modules	
Core Modules		
ST3300	Data Analysis I	5
or ST4400	Data Analysis II	
AM6016	Dynamic Machine Learning with Applications	5
BC6002	Molecular Biology	5
BC6003	Biomolecules	5
BL6023	Cells, Biomolecules, Genetics and Evolution	5
AM6020	Open Source Infrastructure for Modelling with Data	5
CS6405	Datamining	5
CS6502	Programming for Bioscientists II	5
MB6300	Computational Systems Biology	5
MB6301	Genomic Data Analysis	5
MB6302	Computational Microbiome Analysis	5
Elective Modules	\$	
Students take 5	credits from the following:	
CS6503	Introduction to Relational Databases (5)	
CS6501	Programming for Bioscientists I (5)	
	esearch Module	
Core Modules		
MB6303	Dissertation in Bioinformatics and Computational Biology	30
	TATISTICS GRADUATES	
	0 credits as follows - all listed core modules (85 redits of elective modules:	
Statistics Taugh	nt Modules	
Core Modules		
AM6016	Dynamic Machine Learning with Applications	5
BC6002	Molecular Biology	5
BC6003	Biomolecules	5
BL6023	Cells, Biomolecules, Genetics and Evolution	5
AM6020	Open Source Infrastructure for Modelling with Data	5
CS6405	Datamining	5
CS6502	Programming for Bioscientists II	5
MB6300	Computational Systems Biology	5
MB6301	Genomic Data Analysis	5
MB6302	Computational Microbiome Analysis	5
MS6005	Discrete Mathematics	5
Elective Modules		
	nodules to the value of 5 credits from the following:	
CS6503	Introduction to Relational Databases	5
CS6501	Programming for Bioscientists I	5

Dissertation in Bioinformatics and Computational

Statistics Research Module

Biology

Core Modules

MB6303

Examinations

Full details and regulations governing Examinations for each programme will be contained in the *Marks and Standards Book* and for each module in the *Book of Modules*.