CK101 BA (HONS) SUBJECT - MATHEMATICS

Programme Requirements

Code	Title	Credits
Year 1 - for students who did not progress to Second Year in 2025/26		
Students take **15** credits as follows:		
Core Modules		
MA1055	Mathematics (Honours)	15
Year 2		
30-credit Subject		
Students take **30** credits as follows - all listed core modules (**25** credits) and **5** credits of elective modules:		
Core Modules		
MA2051	Mathematical Analysis I	5
MA2054	Ordinary Differential Equations	5
MA2055	Linear Algebra	5
MA2071	Multivariable Calculus	5
MA2072	Complex Analysis	5
Elective Modules		
Students take modules to the value of **5** credits from the following:		5
MF2050	Discrete Time Financial Models (5)	
MS2005	Discrete Mathematics (5)	
MS2013	Geometry (5)	
ST1051	Introduction to Probability and Statistics (5)	
20-credit Subject		
Students take **20** credits as follows:		
Core Modules		
MA2051	Mathematical Analysis I	5
MA2054	Ordinary Differential Equations	5
MA2055	Linear Algebra	5
MA2071	Multivariable Calculus	5
Year 3		
30-credit Subject		
Students take **25** credits as follows:		
Core Modules		
MA3064	Measure Theory and Integration	5
MA3052	Ring and Field Theory	5
MA3062	Introduction to Modern Algebra	5
MA3063	Introduction to Differential Geometry	5
MS3024	Geometry and Applications	5
Elective Modules		
Students take modules to the value of 5 credits from the following: [A] module can only be selected if it has not been taken in a previous year		
MF2050	Discrete Time Financial Models (5)	
MS2005	Discrete Mathematics (5)	
ST1051	Introduction to Probability and Statistics (5)	
20-credit Subject		
Elective Modules		
Students take modules to the value of **20** credits from the following:		20
MA3064	Measure Theory and Integration (5)	
MA3052	Ring and Field Theory (5)	
MA3062	Introduction to Modern Algebra (5)	
MA3063	Introduction to Differential Geometry (5)	
MS3024	Geometry and Applications (5)	

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*.