B.Sc. Financial Mathematics and Economics

For 4th year students Ac.Yr 2021/2022

B.Sc. Financial Mathematics - 4FM2					
4th year			**Sem**	**Pre-requisites**	**Exclusion-requisites**
MM4000 or EC471	Final Year Project (10ECTS)	Core	I+II		
CS4423	Networks	Core	II		
EC4100	Derivatives and Risk Management	Core	II		
MA385	Numerical Analysis I	Core	I		
MA490	Measure Theory	Core	I		
MA3991 † †	*Actuarial mathematics Cashflow models*	*Core*	*I*	*2yr Cycle, not available in 21.22*	
MA3992†	Actuarial mathematics Life contingencies 1, pricing and reserving	Core	I	2yr Cycle, available in 21.22	
MA495	Actuarial Mathematics: Life Contingencies II	Core	II		
MA418	Differential Equations With Financial Derivatives	Core	II		
ST413	Statistical Modelling	Core	I		
Select two modules from the following electives:					
EC3105	Econometrics	Elective	I		
EC423	Ireland in the Global Economy	Elective	I		
SBE3006	Entrepreneurial Finance	Elective	I		
EC420	International Monetary Economics	Elective	II		
EC3100	Economics and Philosophy	Elective	II		
† Offered on a 2yr Cycle, next available in 2021.22, †† Offered on a 2yr Cycle, next available in 2022.23.					