DEGREE OF MASTER OF ARTS IN MATHEMATICS (01G10270)

DESIGNATED DEGREE OF MASTER OF ARTS IN MATHEMATICS (01G10289)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Master of Arts

All the courses listed below are prescribed for this degree

PROGRAMME YEAR 1 – 120 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
PD 1001	Professional Skills Part 1	0			
MA 1005	Calculus 1	15	MA 1508	Calculus 2	15
MA 1006	Algebra	15	MA 1511	Set Theory	15
Plus 60 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
MA 2008	Linear Algebra I	15	MA 2508	Linear Algebra II	15
MA 2009	Analysis I	15	MA 2509	Analysis II	15
Plus 60 credit points from courses of choice.					

PROGRAMME YEAR 3 – 120 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
MX 3020	Group Theory	15	MX 3535	Analysis IV	15
MX 3035	Analysis III	15	MX 3531	Rings and Fields	15
MX 3036	Metric and Topological Spaces	15	MX 3536	Differential Equations	15
Plus 15 credits from:					
MX 4087 **OR:** MX 4086	Financial Maths* Optimisation Theory*	15	MX 4540 **OR:** MX 4549	Knots* Geometry*	15
Plus 15 credit points from courses of choice. *Courses are offered in alternate years. MX4086 and MX4549 are offered in 2017-2018.					

PLEASE SEE OVER →

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
MX 4082	Galois Theory	15	MX 4557	Complex Analysis	15
MX 4023	Project	15			
Plus 60 credits from:					
MX 4085	Nonlinear Dynamics I	15	MX 4553	Modelling Theory	15
MX 4083	Measure Theory	15	MX 4555	Nonlinear Dynamics II	15
			MX 4545	Number Theory	15
			MX 4546	Algebraic Topology	
MX 4087 OR MX 4086	Financial Maths* Optimisation Theory*	15	MX 4540 OR MX 4549	Knots* Geometry*	15
Plus 15 credits from course of choice *Courses are offered in alternate years. MX4086 and MX4549 are offered in 2017-2018.					
A graduating curriculum for the honours degree must include 90 credit points from level 4 courses.					

Notes	
1.	Designated Programme: See Supplementary Regulation 1
2.	Where alternatives are offered, choice may be restricted by timetable constraints.
3.	Candidates seeking entry to the Junior Honours programme must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including the prescribed courses required to enter programme year 3.