Master program of
Applied Mathematics

First Level

Course Code	Course Name	Credit Hours
611 MATH	Dynamic System and Its Application	4
612 MATH	Mathematical Methods (1)	4
613 MATH	Ordinary Differential Equations(Theory &Applied)	4
Total		12

Second Level

Course Code	Course Title	Credits
620 MATH	Partial Differential Equations(	4
622 MATH	Mathematical Methods (2)	4
623 MATH	Numerical Linear Algebra	4
Total		12

Third Level

Course Code	Course Title	Credits
631 MATH	Fluid Mechanics	4
636 MATH	Arithmetic Methods & Simulation	4
-	Optional Course (1)	4
Total		12

Fourth Level

Course Code	Course Title	Credits
	Optional Course (2)	4
690 MATH	Graduate Project	4
Total		8

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Courses(The Student Must Select Two Course ,8 Hours)

Course Code	Course Title	Credits
632 MATH	Approximation Theory and Finite Elements	4
633 MATH	Stability Theory	4
634 MATH	Biomathematics	4
635 MATH	Perturbation Theory	4
637 MATH	Advanced Mathematical Modelling	4