

## Online Master of Science (M.Sc.) in Applied Mathematics

Curriculum :

Semester	
1	Algebra -1
	Differential Equations
	Transform theory
	Complex Analysis -1
	Numerical Methods
	Introduction to MATLAB
2	Algebra-2
	Linear Algebra
	Applied PDE
	Complex Analysis - 2
	Real Analysis
	Python Programming
3	Calculus of Variation and Integral equations
	Statistical Methods
	Mathematical Modeling
	Fluid dynamics
	Elements of Functional Analysis
	Seminar

<b>4</b>	Dynamical System and Control
	Operations Research
	Computational Fluid dynamics
	Financial Mathematics
	Number Theory
	Dissertation