Course title: Basic Mathematics for Econ	omics			
Course code: UEO 102	No. of credits: 4	4 L-T-P: 45-15-0	Learning hours: 60	
Pre-requisite course code and title:		·		
UEO 103, Introductory Mathematical Me	thods for Econor	nics or UDS 103, Mathe	ematics for Data	
Science				
Department: Department of Policy and M	Management Stud	lies		
Course coordinator: Mr. Shikhar Kumar		Course instructor: Mr. Shikhar Kumar		
Contact details: shikharkumar8@gmail.	com			
Course type: Core		Course offered in: 2 nd Semester		
Course description:				
This course is a second course on mathem of more than one variable, vector s constrained optimization with equality of	natical methods f spaces, convex constraints.	or economics. The cou analysis, unconstrain	rse will cover functions ed optimization, and	
Course objective:				
1 To familiarize the students with	the core concor	to and to chair and of m	athomatics that are	

- To familiarize the students with the core concepts and techniques of mathematics that are used in economics.
 To apply these techniques in economic applications.
 To build analytical and technical skills and develop mathematical sophistication.