

Course title: Intermediate Statistical methods for economics			
Course Code: UEO 204	No of credits: 4	L-T-P: 44-16-0	Learning Hours: 60
Pre-requisite course code and Title: Introductory Statistical Methods (UEO 104); Statistics for Data Science (UDS 101); Mathematics for Data Science (UDS 103); Problem Solving and Python Programming (UDS 102); Environmental Statistics (MDC 201)			
Department: Department of Policy and Management Studies			
Course coordinator: Dr. Aditi Singhal		Course Instructor: Dr. Aditi Singhal	
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Course Type: Core		Course offered in: Semester 4	
Course Description: This course is a follow-up course on the introductory course on statistical methods. The course covers different types of probability distributions, introduce students to different types of samples, and to various hypothesis testing procedures. The course also provides a basic understanding of simple linear regression model.			
Course Objective:			
<ol style="list-style-type: none"> 1. Building on the foundations of previous course on statistics, the intent of this one is to familiarise students with different type so discrete and continuous probability distributions. 2. To familiarize them with joint probability distributions 3. To introduce them to the distinction between population and samples and consequently discuss the notion of hypothesis testing in case of large samples and small samples. 			