



Integral University, Lucknow
Department of Mathematics & Statistics
Study and Evaluation Scheme(w.e.f 2023-24)

M. Sc. (Data Science)

Ist year / IInd Semester

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						UN SDGs	
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics
THEORIES																					
1	MT451	Regression Analysis & Predictive Modeling	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
2	MT452	Sampling Techniques & Testing of Hypothesis	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
3	MT453	Bayesian Techniques	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
4	CS544	Machine Learning: Theory & methods	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
5	CS442	Programming for Data Science with R	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
PRACTICAL																					
6	MT454	Data Analytics using SPSS	Core	00	00	04	40	20	60	40	100	0:0:2	2	√		√			√		
7	CS545	R Programming lab	Core	00	00	04	40	20	60	40	100	0:0:2	2	√		√			√		
Total				15	05	08	280	140	420	280	700		24	24							