Integral University, Lucknow

Department of Mathematics & Statistics

Study and Evaluation Scheme (w. e. f. 2026-27)

M. Sc. (Data Science) **II year / III Semester**

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem.			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	United Nations Sustainable Goals: (SDGs
THEORIES																					
1	MT555	Statistical Machine Learning II	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
2	MT556	Optimization Techniques for Data Science	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
3	CS569	Neural Network Analysis	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
4	CS 609	Big Data	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
5	CS 560	Programming For Data Science with Python	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
PRACTICAL																					
6	CS562	Big Data Management & Data Analysis Lab	Core	00	00	04	40	20	60	40	100	0:0:2	2	√		√					
7	CS565	Python 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**								

Integral University, Lucknow

Department of Mathematics & Statistics

Study and Evaluation Scheme (w. e. f. 2026-27)

M. Sc. (Data Science) **II year / IV Semester**

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	United Nations Sustainable Goals: (SDGs)
THEORIES																					
1	MT559	Time Series Analysis	DE	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
	MT560	Structured Query Language	DE																		
2	CS568	Cloud Computing Basics	DE																		
4	CS567	Deep Learning Using Python	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
5	CS530	Applied Data Mining and Warehousing	Core	03	01	00	40	20	60	40	100	3:1:0	4	√		√					
6	CS566	Internship/Project	Core	00	00	08	00	00	00	200	200	0:0:6	8	√		√					
			Total	**09**	**03**	**08**	**60**	**60**	**180**	**320**	**500**	**18**	**20**								

CT = Class Test; **TA** = Teacher's Assessment; **ESE** = End Semester Examination; **Sessional** = CT + TA; **Subject Total** = Sessional + ESE

Total Credits = 24 + 24 + 24 + 20 = 92

*** The Evaluation scheme for Project**

	Course Code	Project Dissertation	Presentation	Viva-Voce	Total
Minor Project	CS566	100	50	50	200