





















Integral University, Lucknow
Department of BIOSCIENCES
Study and Evaluation Scheme

Program: B.Sc. Biotechnology

Semester III

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes						United Nations Sustainable Development Goals (SDGs)			
				L	T	P	CT	TA	Total	ES				E	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability		Human Value	Professional Ethics	
THEORIES																							
1	CH215	Fundamentals of Physical Chemistry	Core	3	1	0	40	20	60	40	100	3:1:0	4	√		√							
2	BS201	Metabolism	Core	3	1	0	40	20	60	40	100	3:1:0	4			√							
3	BS202	Biophysical chemistry	Core	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√							
4	BS203	Cell biology & Genetics	Core	3	1	0	40	20	60	40	100	3:1:0	4										

Semester IV

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Max. Marks	Credit	Total Credits	Attributes						United Nations Sustainable Development Goals (SDGs)		
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics	
THEORIES																						
1	BS211	Immunology	Core	3	1	0	40	20	60	40	100	3:1:0	4	√		√						    
2	BS212	Molecular Biology	Core	3	1	0	40	20	60	40	100	3:1:0	4									  
3	BS213	Fundamentals of Environment biotechnology	Core	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√		√				   
4	BS214	Industrial Biotechnology	Core	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√						 
5	BS215	Food Biotechnology	Core	3	1	0	40	20	60	40	100	3:1:0	4	√	√			√				   
PRACTICAL																						
6.	BS216	Immunology Lab	Practical	0	0	6	40	20	60	40	100	0:0:3	3	√	√	√						