



Integral University, Lucknow

Diploma in Biochemistry

Year: Second / Semester: Third (Odd Semester)

S. N.	Course Code	Course Title/	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)				
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value			Professional Ethics		
1	B100301T/BS207	Molecular Biology	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓								
2	B110301T/BS245	Tools and Techniques in Biochemistry	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓								
3	B100302P/BS209	Molecular Biology Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓								
4	B110302P/BS246	Biochemical Tools and Techniques Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓								
5	B020305T/CH245	Concepts of Advanced Chemistry-I	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓		✓				
6	B020306P/CH246	Concepts of Advanced Chemistry-I Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓		✓				
7	B100303V/BS247	Molecular diagnostics	Theory	Vocational	1	0	2	-	-	-	100	100	03	✓	✓	✓								
8	Z030301/ES225	Human Values and Environment studies	Theory	Co-curricular Compulsory)	2	0	0	15	10	25	75	100	02					✓	✓	✓	✓			

TOTAL	14	3	12	105	70	175	625	800	23	
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Diploma in Biochemistry

Semester)

Year: Second / Semester: Fourth (Even

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination (ESE)	Subject Total	Total Credit Points	Attributes						United Nations Sustainable Development Goals (SDGs)			
					Lecture (L)	Tutorial (T)	Practical (P)	Class Test (CT)	Teacher Assessment (TA)	Total				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value		Professional Ethics		
1	B110401T/BS254	Enzymes and hormones	Theory	Core	3	1	0	15	10	25	75	100	04			✓							
2	B100403T/BS256	Infection and immunity	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓							
3	B110402P/BS257	Enzymes and hormones lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓					
4	B100404P/BS258	Immunological Techniques Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓							
5	B020405T/CH247	Concepts of Advanced Chemistry-II	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓		✓			
6	B020406P/CH248	Concepts of Advanced Chemistry-II Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓			
7	B030402T/MT237	Numerical analysis and testing of hypothesis	Theory	Minor Elective Course	3	1	0	15	10	25	75	100	04	✓		✓							
8	BM292/F010404TA	Entrepreneurship Development	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓			✓	✓			
8	B110405V/BS259	Molecular medicine	Theory	Vocational	3	0	0	-	-	-	100	100	03	✓	✓	✓		✓		✓			

9	Z040401	Physical Education and Yoga	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	
TOTAL					17	4	12	120	80	200	700	900	27								