



**INTEGRAL UNIVERSITY**



Department of Biosciences  
Evaluation Scheme of Under Graduate & Post Graduate Program as per NEP-2024-25 Guidelines  
B.Sc. (Honours) Biochemistry  
w.e.f. Session 2024-25

**CERTIFICATE IN BIOCHEMISTRY**

Year: First / Semester: First (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	B100101T/BS103	Introduction to Cell biology and genetics	Theory	Core	3	1	0	15	10	25	75	100	04			✓				✓		
2	B110101T/BS142	Fundamentals of Biochemistry	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓		✓				3 GOOD HEALTH AND WELL-BEING
3	B100103P/BS105	Introduction to Cell biology and genetics Lab	Practical		0	0	4	15	10	25	75	100	02	✓		✓						
4	B110102P/BS143	Analytical Biochemistry Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓						
5	B110205V/BS146	Basic Microbiology and Bio safety Measures	Theory + Practical	Vocational	2	0	1	-	-	-	100	100	03	✓		✓		✓	✓	✓	✓	3 GOOD HEALTH AND WELL-BEING, 6 CLEAN WATER AND SANITATION
6	Z010101T/BE105	Food Nutrition and Hygiene	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓		✓	✓	✓	✓	3 GOOD HEALTH AND WELL-BEING
7	A050101T/HM101	Rashtra Gaurav	Theory	Compulsory	0	0	0	0	0	0	0	0	00	✓	✓	✓		✓	✓	✓	✓	
<b>TOTAL</b>					<b>10</b>	<b>2</b>	<b>9</b>	<b>75</b>	<b>50</b>	<b>125</b>	<b>475</b>	<b>600</b>	<b>17</b>									



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**CERTIFICATE IN CERTIFICATE IN BIOCHEMISTRY**

Year: First / Semester: Second (Even 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 Values	Professional Ethics							
1	B100201T/BS115	Human Physiology	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓											
2	B110203T/ BS154	Clinical Biochemistry	Theory		3	1	0	15	10	25	75	100	04	✓	✓	✓							✓				
3	B100202P/BS152	Human Physiology Lab	Practical		0	0	4	15	10	25	75	100	02	✓		✓											
4	B110204P/ BS155	Clinical Biochemistry Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓							✓				
5	B030202T/MT148	Basic Mathematics and Statistics	Theory	Minor Elective	5	1	0	15	10	25	75	100	06	✓	✓	✓											
6	A040209T/LN109	Basics of Communication	Theory		5	1	0	15	10	25	75	100	06	✓		✓											
7	B100205V/BS381	Food Adulteration	Theory + Practical	Vocational	2	0	1	-	-	-	100	100	03	✓	✓	✓					✓	✓					
8	Z020201/NS110	First Aid and Health	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓					✓	✓					
9	B100208T/BS116	Artificial Intelligence in Biological Sciences	Theory	Compulsory	0	0	0	0	0	0	0	0	00	✓	✓	✓					✓	✓					
<b>TOTAL</b>					<b>15</b>	<b>3</b>	<b>9</b>	<b>90</b>	<b>60</b>	<b>150</b>	<b>550</b>	<b>700</b>	<b>23</b>														