



Integral University, Lucknow

Department of Biosciences

Evaluation Scheme of Undergraduate Program as per NEP-2020 Guidelines with double majors

(B.Sc. Zoology & Botany)

w.e.f. Session 2024-25

CERTIFICATE IN SCIENCE (ZOOLOGY & BOTANY)

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			
					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	B040101T/BS166	Microbiology & Plant Pathology	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓								
2	B040102P/BS167	Techniques in Microbiology & Plant Pathology	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓			✓					
3	B040103V/BS168	Biofertilizer technology	Theory	Vocational	2	0	2	0	0	0	100	100	03	✓	✓	✓								
	I110101V/BS144	Biomolecules & Nutrition																						
		NPTEL/MOOCs/SWAYAM																						
4	B050101T/BS164	Cytology, Genetics and Infectious Diseases	Theory	Core	3	1	0	15	10	25	75	100	04	✓	✓	✓						✓		
5	B050102P/BS165	Cell Biology & Cytogenetics Lab	Practical		0	0	4	15	10	25	75	100	02	✓	✓	✓			✓					
6	Z010101T/BE105	Food Nutrition and Hygiene	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02	✓	✓	✓			✓		✓	✓		
7	A050101T/HM101	Rashtra Gaurav	Theory	Compulsory	2	0	0	0	0	0	100	100	0	✓	✓	✓			✓		✓	✓		
TOTAL					12	2	10	75	50	125	575	700	17											



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CERTIFICATE IN SCIENCE (ZOOLOGY & BOTANY)

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							
					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	B040201T/BS177	Archegoniate & Plant Architecture	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓					
2	B040202P/BS178	Land Plants Architecture	Practical		0	0	4	15	10	25	75	100	02	✓				✓			
3	ES115	Fundamentals of Environmental Science	Theory	Minor Elective	4	2	0	15	10	25	75	100	06	✓	✓	✓					
4	A040209T/LN109	Basics of Communication	Theory		4	2	0	15	10	25	75	100	06	✓		✓					
5	B050203V/BS179	Apiculture NPTEL SWAYAM /MOOC	Theory	Vocational	2	1	0	0	0		100	100	03	✓	✓	✓				✓	✓
6	B050201T/BS175	Biochemistry & Physiology	Theory	Core	3	1	0	15	10	25	75	100	04	✓		✓					
7	B050202P/BS176	Physiological, Biochemical & Haematology Lab	Practical		0	0	4	15	10	25	75	100	02	✓				✓			
8	Z020201T/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	0	✓	✓	✓				✓	✓
TOTAL													23								