



**INTEGRAL
UNIVERSITY**



Department of Environmental Science

Evaluation Scheme of Undergraduate & Post Graduate Program as per NEP-2020 Guidelines
w.e.f. Session 2024-25

Certificate in Environmental Science

Year: First / Semester: First (Odd Semester)

S. N.	Course Code	Course Title	Theory / Practical	Course Type	Periods/ Per week			Continuous Assessment			End Semester Examination	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 &	Human Value	Professional Ethics	United Nations Sustainable Development Goals (SDGs)		
Major 1			Theory	Major 1	4	0	2	15	10	25	75	100	06	✓	✓			✓					
1	B150101T/ES125	Basics of Environmental Science						15	10	25	75	100											
	B150102P/ES126	Practical on Environment						15	10	25	75	100											
3	B150103T/ ES127	Environmental Chemicals and toxicants			15	10	25	75	100	06	✓	✓	✓		✓								
		B150104P/ ES128			Toxicant Analysis Lab	15	10	25	75													100	
4	I150107T/ES131	Introduction to Natural Hazards and Disaster Management	Theory	Vocational (anyone)	2	1	0	-	-	-	-	100	03	✓	✓	✓		✓					
5	I150108T/ES132	Water Monitoring and Conservation Techniques	Theory		2	1	0	-	-	-	-	100	03	✓	✓	✓		✓					
6		MOOC/SWAYAM	Theory		0	0	0	0	0	0	0	0	03										
7	Z010101T/BE105	Food Nutrition and Hygiene	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02			✓		✓	✓				
8	A050101T/HM101	Rashtra Gaurav	Theory	Audit course	2	0	0	0	0	0	0	100	0					✓	✓				
TOTAL					12	1	4	75	50	125	375	700	17										

Minor Elective offered by Department of EVS to all: B150109T/ES142-Human and Environment (04-Credit)



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Year: First / Semester: Second (Even Semester)

Certificate in Environmental Science																				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 &	Human Value	Professional Ethics			
Major 1																							
1	B150201T/ES133	Environmental Biology	Theory	Major 1	4	0	2	15	10	25	75	100	06	✓	✓		✓	✓					
	B150202P/ES134	Practical on Environmental Biology	Practical					15	10	25	75	100											
2	B150203T/ES135	Eco-Restoration and Invaded Ecosystems	Theory		4	0	2	15	10	25	75	100	06	✓	✓	✓		✓					
	B150204P/ES136	Ecosystem Dynamic Lab	Practical					15	10	25	75	100											
Multi-Disciplinary																							
3	B190103T/CH135	Water Treatment and Analysis	Theory	Anyone	4	0	2	15	10	25	75	100	06	✓	✓	✓		✓					
	B190104P/CH136	Water Quality Analysis	Practical					15	10	25	75	100											
4	B150205T/ES137	Natural Resources and its Management	Theory		4	0	2	15	10	25	75	100		✓	✓	✓		✓					
	B150206P/ES138	Natural Resources Lab	Practical					15	10	25	75	100											
5	A070201T/SS108	Society in India: Structure Organization and Change	Theory		6	0	0	15	10	25	75	100		✓	✓	✓		✓					
6		MOOC/SWAYAM	Theory	Vocational Course Anyone	0	0	0	0	0	0	0	0	03										
7	I150208T/ES140	Ecotourism and Wildlife Management	Theory		3	0	0	-	-	-	-	100	03	✓	✓	✓		✓					
8	Z020201T/NS110	First Aid and Health	Theory	Co-curricular (Compulsory)	2	0	0	15	10	25	75	100	02			✓		✓	✓				
9	B150207T/ ES139	AI for Earth and Environmental Sciences	Theory	Audit course	4	0	0	0	0	0	0	100	0			✓		✓	✓				
TOTAL					17	0	6	105	70	175	600	900	23										

Minor Elective offered by Department of EVS to all : B150209T/ ES141- Introduction to Environmental Studies (4 Credit)
B150210T/ES143- Environmental education and Sustainable Management (6 Credit)