Integral University, Lucknow

Department of Environmental Science

Study and Evaluation Scheme

Program: B.Sc. (Hons.) Environmental Science **Semester: Third**

S. No.	Course Code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credis	Attributes							
				L	T	P	CT	TA	Total	ESE				SDGs Goal no. with Targets	Employ ability	Entre prene urship	Skill Develop ment	Gender Equality	Environm ent & Sustainab ility	Human Value	Profess ional Ethics
THEORIES																					
01	ES203	Biodiversity and Conservation	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG -14:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development **Targets:** 14.2, 14.4 &14.5 **SDG-15.**Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss **Targets:**15.4, 15.5,15.6, 15.7, 15.8, 15.9	√	√			√		
02	ES204	Natural Resource Management and Sustainability	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG 11:** Sustainable cities and communities **Target 11.7** **SDG 12:** Responsible Consumption and Production **Target** 12.1 and 12.2	√	√	√		√	√	
03	ES205	Human Wildlife Conflict & Management	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG 15:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. **Targets:** 15.1, 15.2, 15.4, 15.5, 15.8	√	√	√		√	√	
04	ES206	Environmental Pollution and Human Health	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG 6:** Clean Water and Sanitation **Target: 6.1, 6.3** **SDG 14** Life Below Water **Target 14.1** **SDG 15** Life on Land **Target 15.1**	√	√	√		√	√	
05	ES207	Environmental Impact and Risk Assessment	Elective	3	1	0	40	20	60	40	100	3:1:0	4	**SDG12:**Responsible Consumption and Production **Target:**12.2,12.4,12.7,12.c	√	√	√		√		
	ES208	Watershed Management	Elective																		
PRACTICAL																					
06	ES209	Biodiversity and Environment Lab	Core	00	00	08	40	20	60	40	100	0:0:4	4	**SDG -14:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development **Targets:** 14.2, 14.4 &14.5 **SDG-15.**Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss **Targets:**15.4, 15.5,15.6, 15.7, 15.8, 15.9	√	√	√		√		
Total				**15**	**05**	**08**	**240**	**120**	**360**	**240**	**600**	**24**	**24**								

Integral University, Lucknow

Department of Environmental Science

Study and Evaluation Scheme

Program: B.Sc. (Hons.) Environmental Science **Semester: Fourth**

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credis	Attributes							
				L	T	P	CT	TA	Total	ESE				SDGs Goal no. with Targets	Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																					
01	ES210	Environmental Legislation and Policy	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG- 15:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss. **Target:15.7** **SDG-16:** Promote peaceful and Inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. **Target: 16.3,16.7,16.10, 16.b**	√	√	√		√		
02	ES211	Environmental Health, Accounting & Auditing	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG-3** Ensure healthy lives and promote well-being for all at all ages **Targets:** 3.3 &3.7	√	√			√		
03	ES212	Environmental methods and analytical Techniques I	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG- 12** ::Ensure Sustainable Consumption and production patterns **Target:12a**	√	√	√		√		
04	ES213	Introduction to Environmental Biotechnology	Core	3	1	0	40	20	60	40	100	3:1:0	4	**SDG- 12 :**Ensure Sustainable Consumption and production patterns **Target;12.a**	√	√	√		√		
05	ES214	Green Technologies	Elective	3	1	0	40	20	60	40	100	3:1:0	4	**SDG 11:** Sustainable cities and communities **Target 11.7** **SDG 12:** Responsible Consumption and Production **Target** 12.1 and 12.2		√	√		√		
	ES 215	Natural Hazard and Disaster Management	Elective																		
PRACTICAL																					
06	ES216	Green Technology Lab		00		08	40	20	60	40	100	0:0:4	4	**SDG-15:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss **Target: 15.1,15.2,15.7**	√	√	√		√		
Total				**15**	**05**	**08**	**240**	**120**	**360**	**240**	**600**	**24**	**24**								