

Integral University, Lucknow
Department of Environmental Science
STUDY AND EVALUATION SCHEME
w.e.f. July-2017

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 1st year/ 1st Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	LN-104	Essential Professional Communication	Foundation Course	3	1	0	25	15	40	60	100	3:1:0	4
02	MT-108	Elementary Mathematics	Foundation Course	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-116	Earth and Earth Surface Processes	Core	3	1	0	25	15	40	60	100	3:1:0	4
04	ES-117	Basics of Environmental Biology	Core	3	1	0	25	15	40	60	100	3:1:0	4
05	ES-118	Introduction to Environmental Chemistry	Core	3	1	0	25	15	40	60	100	3:1:0	4
06	ES-119	Soil and Water Chemistry Lab	Core	00	00	08	25	15	40	60	100	0:0:4	4
TOTAL				15	05	08	150	90	240	360	600	24	24

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 1st year/ 2nd Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	CS-110	Basics of Computer	Foundation Course	3	1	0	25	15	40	60	100	3:1:0	4
02	CH-107	Environmental pollution	Foundation Course	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-120	Elements of Ecology	Core	3	1	0	25	15	40	60	100	3:1:0	4
04	ES-121	Ecosystem Dynamics	Core	3	1	0	25	15	40	60	100	3:1:0	4
05	ES-122	Atmosphere and Global Climate Change	Core	3	1	0	25	15	40	60	100	3:1:0	4
06	ES-123	Ecosystem Lab	Core	00	00	08	25	15	40	60	100	0:0:4	4
TOTAL				15	05	08	150	90	240	360	600	24	24

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 2nd year/ 3rd Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	ES-203	Biodiversity and Conservation	Core	3	1	0	25	15	40	60	100	3:1:0	4
02	ES204	Natural Resource Management and Sustainability	Core	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-205	Human- Wildlife Conflict & Management	Core	3	1	0	25	15	40	60	100	3:1:0	4
04	ES-206	Environmental Pollution and Human Health	Core	3	1	0	25	15	40	60	100	3:1:0	4
05	ES-207	Environmental Impact and Risk Assessment	Elective	3	1	0	25	15	40	60	100	3:1:0	4
	ES-208	Watershed Management	Elective										
06	ES-209	Biodiversity and Environment Lab	Core	00	00	08	25	15	40	60	100	0:0:4	4
TOTAL				15	05	08	150	90	240	360	600	24	24

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 2nd year/ 4th Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	ES-210	Environmental Legislation and Policy	Core	3	1	0	25	15	40	60	100	3:1:0	4
02	ES-211	Environmental Health, Accounting & Auditing	Core	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-212	Environmental methods and analytical Techniques	Core	3	1	0	25	15	40	60	100	3:1:0	4
04	ES-213	Introduction to Environmental Biotechnology	Core	3	1	0	25	15	40	60	100	3:1:0	4
05	ES-214	Green Technologies	Elective	3	1	0	25	15	40	60	100	3:1:0	4
	ES -215	Natural Hazard and Disaster Management	Elective										
06	ES-216	Green Technology Lab	Core	00	00	08	25	15	40	60	100	0:0:4	4
TOTAL				15	05	08	150	90	240	360	600	24	24

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 3rd year/ 5th Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	ES-301	Basics of Remote Sensing, Geographic information system	Core	3	1	0	25	15	40	60	100	3:1:0	4
02	ES-302	Land and Soil Conservation and its Management	Core	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-303	Agro ecology and Agro forestry	Core	3	1	0	25	15	40	60	100	3:1:0	4
04	ES-304	Solid Waste management	Core	3	1	0	25	15	40	60	100	3:1:0	4
05	ES-305	Environmental Management	Elective	3	1	0	25	15	40	60	100	3:1:0	4
	ES -306	Urban Ecosystems	Elective										
06	ES-307	Environmental Management Lab	Core	00	00	08	25	15	40	60	100	0:0:4	4
TOTAL				15	05	08	150	90	240	360	600	24	24

B.Sc. (Hons.) ENVIRONMENTAL SCIENCE, 3rd year/ 6th Semester

S. NO.	CODE NO.	NAME OF SUBJECT	Type of paper	PERIOD			EVALUATION SCHEME				Maximum Marks	Credit	Total Credit
				L	T	P	CT	TA	TOTAL	ESE			
01	ES-308	Ecological Economics	Core	3	1	0	25	15	40	60	100	3:1:0	4
02	ES-309	Environment and Society	Core	3	1	0	25	15	40	60	100	3:1:0	4
03	ES-310	Health, Safety and Environment	Elective	3	1	0	25	15	40	60	100	3:1:0	4
	ES-311	Energy and Environment	Elective										
04	ES-312	Project Training (3 months)	Core	00	00	00	00	00	00	300	300	10	10
05	ES-313	Educational Eco-tour	Core	00	00	08	00	00	00	100	100	0:0:4	4
Total				09	05	08	150	90	240	360	600	24	26

CT= Class Test, TA= Teacher's Assessment, ESE= End Semester Examination;

Sessional=CT+TA; Subject Total= Sessional+ESE

Total Credit=24+24+24+24+24+26= 146

* The Evaluation scheme for the Industrial Training:

	Course Code	Dissertation	Presentation	Viva/Discussion	Total
Project & Training	ES-312	200	50	50	300