	Compulsory Course on Environmental Studies for Undergraduates of University of Delhi (One Semester): Teaching Schedule & Guidelines		
1.	Course Name and [Code] & Academic Session	Compulsory Core Course on Environmental Studies ¹ [ENVS 1] [With effect from Session 2014-15]	
2.	Course Credits [CC]:	4 CC	
3.	Rationale for introducing this Course:	Environment protection has dominated the global developmental narrative post UN Conference on Environment and Development at Rio de Janeiro in 1992. The awareness that economic development must not compete with environment has since been internalized in development framework in India. It is in this context that the Hon'ble Supreme Court of India in 1993 directed UGC to frame a compulsory core 4 credit course for all undergraduate students in India. UGC subsequently framed a course, which provides the basic protocol for the Course now being implemented by University of Delhi. Since human survival in many ways is linked to environmental security, this Course would help students understand and appreciate various concepts and issues concerning this linkage.	
4.	Brief Course Description:	This Course is aimed at imparting knowledge to undergraduates from all study areas to help them understand and appreciate various concepts and issues about environment at local, regional and global levels. Case studies will form the basic pedagogical tool of delivery for this Course. The major topics covered in this course are*:	
		Unit 1: Introduction to environmental studies Unit 2: Ecosystems Unit 3: Natural Resources: Renewable and Non-renewable Resources Unit 4: Biodiversity and Conservation Unit 5: Environmental Pollution Unit 6: Environmental Policies & Practices Unit 7: Human Population and the Environment Unit 8: Field Work *for details see teaching schedule at serial no. 10	
5.	Requisites:	All 1 st year undergraduate students of the University (one semester only).	

¹Approved vide AC and EC Resolutions of 19th July, 2014.

(Workload hours per week: (The weekly workload for a 4 CC is based on 50 lectures prescribed by UGC.	(i) Lectu		2
		(ii) Inter	active session/slass	
			active session/class	1
		(iii) Field	/Project work & Report	1
		Total:		4
7	Teaching Schedule:	Compulsory Course on Environmental Studies:Lecture Schedule		
7.	reaching schedule.	Lecture	Topic	ecture serieudie
	For ease of teaching and uniformity in	Lecture 1	Introduction : Multidisciplinary nature of e	nvironmental studies
	delivery of the Course, an indicative	Lecture 2	Scope, importance & Need for Public Awar	
	sequence of topics to be taught is suggested	Lecture 3	Ecosystem : Structure & Functions	
	in the opposite column*.	Lecture 4	Energy Flows & Ecological Succession	
	in the opposite column :	Lecture 5	Ecosystem Types: Forests & Grasslands	
		Lecture 6	Ecosystem Types: Deserts & Aquatic	
		Lecture 7	Natural Resources: Land & Landuse Change	
		Lecture 8	Deforestation & Causes	
		Lecture 9	Water: Use and Overexploitation	
		Lecture 10	Energy Resources: Renewable & Non-Renev	vable
		Lecture 11	Biodiversity & Conservation	
		Lecture 12	Ecosystem & Biodiversity Services	
		Lecture 13	Threats to Biodiversity	
		Lecture 14	Environmental Pollution: Cuases, Effects & 0	Control
		Lecture 15	Air & Water Pollution	
		Lecture 16	Solid Waste Management	
		Lecture 17	Nuclear Hazards & Human Health Risks	
		Lecture 18	Environmental Policies : Towards Sustainab	ility
		Lecture 19	Climate Change & Impacts	
		Lecture 20	Environmental Laws and Acts	I Doggodation
		Lecture 21 Lecture 22	Human Population Growth & Environmental Degradation Natural Disasters & Managemennt	
		Lecture 23	Environmental Movements: Indian & Intern	ational Case Studies
		Lecture 24	Environmental Ethics	ational case studies
	* See also Annexure 1	Lecture 25	Indian Culture & Environmental Practices	
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	Assessment (Marks and %age): (Indicates % breakdown for each	Assessmen	t/Evaluation:	Max marks = 100
	assessment component and for the Final Examination*.)	(i) Field-Wo	ork (Assignment/Report)	25%
		(iv) Final Exam:		75%
			answers - 25 marks (25%)	/)/0
		` '	type with choice - 50 marks (50%)	
	* Final Examination to be conducted by the			
	Examination Branch, University of Delhi & dates to be announced by the University	Total		100%
-	Course Lecturer/s: (College/s/Department/s)	Teachers of various Departments in respective Colleges will teach ENVS1 Course. Each College shall appoint a Course Coordinator from among the teachers involved in teaching		

		the Course under intimation to Head, Department of Environmental Studies. Wherever necessary, Colleges may seek assistance/guidance of Head, Department of Environmental Studies for smooth teaching of the ENVS1 Course.
10.	Modes of Teaching and Learning: (Lectures, Seminars, Discussions, Regular tests, Q & A).	An optimal combination and mix of approaches would be followed in teaching and learning this course. These will include: Lectures/seminars and discussion sessions Video presentations Field visits/excursions Interactive session/class Project activity/ report writing/presentation
11.	Interdisciplinarity & Multidisciplinarity	Inter-disciplinarity will be the main focus of teaching and learning strategies. The course content and suggested readings draw heavily from ideas developed through inter-disciplinary works. Likewise, the course will be multiple and cross-discipline based.