

Programme	B.S. (4-years), Communication Studies	Course Code	GIES-201	Credit Hours	3
Course Title	Introduction to Environmental Sciences				
Course Introduction					
The objective of this course is to:					
<ul style="list-style-type: none"> • Provide orientation on the evolution and scope of this emerging discipline, • Motivate the learners to think beyond basic sciences to decision sciences • It introduce students about environment issues, challenges and prospects 					
Learning Outcomes					
By the end of the course, the students will have:					
<ul style="list-style-type: none"> • The students are also expected to become familiar with current national, regional and global challenges for sustainable development • The students are also expected to become familiar with current national, regional and global challenges for sustainable development 					
Course Content					
Week 1	1. Basic Principles About convergence of ecology with economic and sociology to evolve as environmental science, its nature, history, scope and the contribution to society.				
Week 2					
Week 3					
Week 4					
Week 5	2. Environmental Aspects Physio-chemical, biological, socio-economic, socio-cultural, moral and ethical, and philosophical thinking.				
Week 6					
Week 7					
Week 8	3. Environmental Problems Local, Regional and Global Level.				
Week 9					
Week 10					
Week 11					
Week 12	4. Environmental Challenges Sustainability of resources for development: Efficiency of Energy and Water Resources, Current and Future trends in growth and resultant Environmental Pollution, Poverty and Resource Depletion, Development in Industry, Agriculture and Urbanization.				
Week 13					
Week 14	3. Environmental Practices Environmental journalism, Environmental justice, environmental campaigns, climate skepticism, environmental management.				
Week 15					
Week 16					

Textbooks and Reading Material

Environmental Science: Earth as a Living Planet, Botkin, D.B & Keller, E.A. 9 th Ed. John Wiley & Sons, 2013.

Environmental Science: systems and solutions, McKinney, M.L., Schoch, R.M. & Yonavjak, L. 5th Ed. Jones & Bartlett Publishers, 2013

Environmental Science: Toward a Sustainable Future, Wright, R.T. & Nebel, B.J. 10th Ed. Pearson Educational, 2007.

Environmental Science: working with the Earth.11th Ed. Miller, G., Tyler. Cengage Learning, 2005

Teaching Learning Strategies

1. Lectures
2. In-Class Activities
3. Written Assignments

Assignments: Types and Number with Calendar

1. Class Participation
2. Attendance
3. Presentations
4. Attitude & Behavior
5. Hands-on Activities
6. Short Tests
7. Quizzes

Assessment

Sr. No.	Elements	Weightage	Details
1.	Midterm Assessment	25%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	15%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.
3.	Final Assessment	60%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.