

Advanced Environmental Science

Disclaimer: This course is for individuals at Senior High school Level, Pre-University and Level 1/First Year University. Individuals who intend to pursue studies in Environmental Science would find this course very useful and would gain insight on numerous concepts and ideas, that they need to ace their studies.

This course is not intended to replace any of your studies once enrolled in a College or University Program, but is made to make you better equipped to ace, said programs at your Institution of choice!

This course can be completed in 1 (one) month if you pace yourself well.

Course Description

This course explores the interdisciplinary field of environmental science, emphasizing the complex relationships between natural systems, human societies, and the environment. Topics include ecological principles, environmental policy, climate change, biodiversity conservation, and sustainable development.

environmental concerns have been primarily addressed in terms of the effects of development on environmental quality.

Historical Context

The subject evolved because of **(i) the need for a multidisciplinary approach to analyzing complex environmental problems, (ii) the introduction of substantive environmental laws requiring specific environmental protocols of investigation, and (iii) growing public awareness of the need for action in addressing environmental problems.** Since the 1970s, this topic has been pushed globally and increasingly integrated into the official education systems of several nations.

Environmental Sciences: Scope and Importance Environmental education (EE), which has comparatively simpler material and increased relevance for a person, is typically accommodated by the term for the topic to have wider reach and adoption among ordinary man. Following the orders of the Honorable Supreme Court of India, EE has been declared obligatory at the graduate level (all disciplines or streams of higher education) in all universities and colleges in India since 2003.

Aside from these, certain subdivisions—environmental studies, environmental engineering, environmental economics, environmental ethics, environmental management, environmental sociology, environmental biotechnology, and so on—are generally treated as independent academic disciplines alongside environmental science. Most of these fields are concerned with environmental protection, although their techniques differ. Environmental studies, for example, combine additional social sciences to better comprehend human connections, beliefs, and policies toward the environment.