

# What is the multidisciplinary nature of environmental studies?

EVS is an interdisciplinary academic subject that investigates, researches, and expands knowledge about the living and physical environment. It also contributes to a better understanding of ecological, political, technological, economic, social, and cultural environmental factors. Environmental Studies, often known as EVS, is the science of physical phenomena in the environment. To grasp the interdisciplinary character of environmental studies, we must first grasp the precise definition of the term. The term consists of two words: multidisciplinary and disciplinary. The phrase "disciplinary" refers to focused research on a certain topic. In contrast, "multidisciplinary" refers to the integration of more than one field or area of study. It defines cross-disciplinary, multi-sectorial, and multi-dimensional research. A multidisciplinary course of study, for example, is one in which you study a number of subjects such as Science, Social Science, Mathematics, English, and so on.

## How are Environmental Studies Multidisciplinary in Nature?

Environmental Studies is a broad subject of study that includes components of Physics, Chemistry, Medical Science, Agriculture, Geography, and Biology. It is not just limited to environmental protection and resource management. Still, it also emphasises comprehension:

- Pollution types and their negative consequences on living creatures
- Biodiversity, its forms, and the factors that contribute to its depletion
- Deforestation and strategies for increasing forest cover
- Desertification
- Waste disposal and sewage treatment, for example.

## Why Pursue the Multidisciplinary Nature of Environmental Studies?

Because of the time-sensitive nature and importance of environmental changes, there is a demand for people with the skill set required to discover solutions to this challenge. A career in environmental studies may be immensely rewarding for people who are enthusiastic about the environment and wish to make a difference in today's society. There is a lot of opportunity in this sector if you make the proper decisions and locate suitable courses and colleges.

# Multidisciplinary Nature of Environmental Studies

**Environmental studies include several components. These are:**

- Anthropology studies human qualities, biology, **psychology**, communities, civilisations, and human growth and evolution. EVS is related to anthropology since it analyses people and their settings across time.
- Biology is the study of living things. Physico-chemical processes, molecular interactions and evolution are all covered. EVS is linked to biology since it concerns live beings' natural habitat.
- **Chemistry** is the study of chemicals and the components of matter. Understanding EVS natural phenomena require **chemistry** understanding.
- **Computer Science**: As the world advanced, computers became essential. The EPA uses computers to track contaminants in soil and water.
- Geology is the study of Earth's physical structures and substances, as well as their history and processes. EVS also studies the planet and environment.
- Economics studies the production, consumption, and distribution of goods and services. Various economic techniques have been devised to protect the environment from pollution, global warming, and climate change.
- Physics studies energy, matter, and their interactions in space and time. Physics addresses concerns about the environment.
- Sociology is the study of social life, change, causes, and consequences. It also discusses the relationship of modern civilisation to the environment.
- Statisticians gather, analyse, interpret, and present quantitative data. It also analyses data to identify patterns and recommends the best environmental growth.

## Top Specialisations in Environmental Studies

While the basic disciplines that address the fundamental features of environmental studies are consistent throughout institutions, universities offer a variety of Environmental Science courses and specialisations to examine the interdisciplinary nature of the environment as a whole. These specialities are designed to provide you with the specialised skill set required to face the difficulties of this field. Among the specialities available are:

- Soil pollution and Ecology
- Aquatic/Marine Biology
- Earth Systems
- Environmental and Biological Conservation
- Energy and Climate Change

- Water Resource Management
- Pollution Prevention and Remediation
- Natural Resource Management

# Significance of Multidisciplinary Nature of Environmental Studies

Environmental studies is significant because they assist us in understanding our environment and natural events. Several considerations underline the importance of environmental studies' interdisciplinary character. These are their names:

- It aids in gathering knowledge regarding current environmental issues. It provides us with the information and skills needed to address environmental issues such as pollution, global warming, and climate change.
- It helps to maintain ecological balance by giving a fundamental understanding of environmental systems and processes.
- It tells us about environmental changes induced by man-made factors.
- It also teaches us how to analyse diverse environmental systems and the effects of human activity on the environment.
- Its objective is to protect and preserve biodiversity. It introduces us to various flora and animal species. It provides us with several strategies for maintaining and protecting them.
- It brings our attention to our environmental duties. It also notifies us about several environmental issues that must be handled as soon as possible.
- Environmental studies cover a wide range of themes, including energy conservation, hazardous emissions, water conservation, rubbish disposal, rising global temperatures, and many more.
- Environmental Studies allow people to investigate and interact with their natural and surrounding environments. It helps people better understand human processes, natural occurrences, and other environmental changes.

## What is the scope of the multidisciplinary nature of environmental studies?

The Multidisciplinary Nature of Environmental Studies encompasses biological, cultural, social, and physical components. Science, geography, economics, statistics, health, technology, population, and ecology are all related to it. The broad character of Environmental Studies provides a diverse variety of professional options after completing a degree program in this discipline. Some job profiles that can help you further your career in environmental studies include:

- Hydrologist
- Environmental Lawyer

- Wildlife Conservationist
- Environmental Land Consultant
- Mining Consultant
- Researcher
- Political Advisor
- Environmental Consultant
- Water Resource Manager
- Environmental Analyst
- Environmental Law
- Oceanographer
- Eco-tourism Operator
- Non-profit Administrator
- Sustainability Development Manager
- Environmental journalist
- Professor
- Forest Carbon Specialist (Arborist)
- Professor
- Environmental Accounting
- Activist
- Botanist
- Food Cooperative Specialist
- Conservation Biologist
- Agricultural Technologist
- GIS Specialist
- Conservation Officer
- Ecologist
- Air Quality Inspector
- Environmental Land Consultant
- Animal Services Worker
- Greenhouse Manager
- Environmental Planner
- Food Scientist
- Geologist
- Hazardous Waste Manager
- Water Quality Inspector
- Health Promoter
- Fisheries Consultant
- International Developer
- Soil Scientist
- Forest Resource Officer
- Urban Planner