



Environmental Science

Introduction

Environmental science is becoming an interesting and one of the most sought after careers because of the increase in awareness about the clean environment. Environmental science professionals are involved in the study of changes in the earth's atmosphere. They work on subjects like pollution control and mitigation, understanding of earth processes, effects of global climate change, evaluating alternative energy systems, natural resource management etc. Their major objective is to find new ways to improve and conserve the standard of living by examining the circumstances of the environment, recognizing the impact of human actions on earthly and aquatic ecosystems, and developing strategies for restoring ecosystems.

Environmental science has been divided as:

- **Environmental Chemistry** - dealing with the chemical changes in water, air and soil
- **Ecology** - the study of interactions of various species of living organism with one another and with the physical and chemical environment
- **Geosciences** - also known as earth science, it deals with the study of demographical part of the environment including oceans, biosphere, mountain, solid earth etc.
- **Atmospheric Science** - the study of the gaseous layer that covers the earth like a blanket
- **Environmental Assessment** - deals with the ways and methods to improve and enhance the environment
- **Environmental Microbiology** - related with the study of composition and physiology of microbes (bacteria) and their communities in the environment.

Skill Sets Required

1. Love for nature and the environment
2. Creative and flexible mind
3. Problem solving and writing skills
4. Data handling
5. Keen observation
6. Good communication skill

Eligibility Criteria

The basic eligibility for pursuing environmental science is qualifying 10+2 or equivalent examination with Physics, Chemistry & Biology with minimum 50% marks



Top Colleges

Fergusson, Pune

- Course:** B.Sc Environmental Science
- Eligibility:** Passed 10+2 with PCB
- Selection:** Admission will be done on the Merit basis

Mount Carmel College, Bangalore

- Course:** B.Sc (Chemistry, Zoology, Environmental Science)
- Eligibility:** Passed 10+2 with PCB
- Selection:** Walk-in interview after the announcement of 12th Results

Central university of Rajasthan

- Course:** M.Sc Environmental Science (Integrated)
- Eligibility:** Passed 10+2 with PCB
- Selection:** Admission will be done on entrance exam (CUCET)

Job Areas

- Industrial Sector
- Research & Development
- Environmental Consultants
- Environmentalist
- Environmental Journalism
- Social Development

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