

❖ **Carrier Opportunity in Environment Management**

❖ **Environmental management course :-**

Introduction:-

Environmental management courses are postgraduate level and require a 60% aggregate score in 12th standard and a bachelor's degree to qualify. The bachelors should preferably be from a business management stream or Environmental resources management stream. Ecology and other environmental fields, in general, are preferable.

Both direct and entrance test based enrollment is possible in these degrees and the course lasts about two years.

Specialization:- Soil Management, Water Management, Biodiversity Management etc.

❖ **FUTURE PROSPECTS & JOB PROFILES :-**

- Environmental Professional.
- Environmental Auditor.
- Environmental Property Assessor.
- Environmental Systems Manager.
- Environmental management students can also work in NGOs.

❖ **Qualifications:-**

Although this career is open to all graduates, it may help if you have a degree in one of the following subjects:

- Bioscience
- Earth sciences
- Ecology
- Energy
- Environmental engineering
- Environmental health
- Environmental sciences or management
- Engineering - with a sustainability focus.

❖ **Courses:-**

Students can opt certificate, diploma, bachelors, masters and Ph.d courses in this field.

- **UG Courses:-** XIIth exam passed with science stream

- **PG Courses:-** Students should have a bachelor degree in related field.
- **Certificate courses:-**
 1. Certificate in Environmental Studies (CES)
 2. Certificate courses in Environmental Science
- **Diploma courses:-**
 1. Diploma in Environmental Science
 2. Diploma in Environmental Law
 3. Diploma in Environmental Protection
- **Bachelor Courses :-**
 1. Bachelor of Science in Environmental Science
 2. Bachelor of Science in Environmental Management
- **Master Courses:-**
 1. Master of Science in Environmental Management
 2. Master of Philosophy in Environmental Science
- **Ph.D Courses:-**
 1. Doctor of Philosophy in Environmental Science
 2. Doctor of Philosophy in Earth Science

❖ Master of Science (M.Sc) in Environmental Management :-

- **Course level:** - Post Graduate
- **Duration:-** 2 years
- **Eligibility criteria:-** B.Sc with minimum 55% from any recognized board.
- **Examination type:-** Semester type
- **Admission Process:-** Merit based or score in entrance examinations.
- **Areas of Employment:-**

Government and local authorities, Non-Governmental Organizations (NGOs) Public Sector Companies, Private companies and Manufacturers, Research Organizations and various other non-profit organizations.
- **Job Positions:-**
 1. Pollution Control Manager
 2. Environment Manager, Environment Consultant
 3. Project Manager
 4. Researcher
 5. Communication and Public Awareness Officer
 6. Eco- Tourism Manager
 7. Wildlife Manager and many more.

❖ M.Sc Environmental Management: Job Prospects and Career Options:-

Job Title	Job Description
Pollution Control Manager	Pollution Control Managers are responsible for ensuring benchmark pollution standards in the city/area. They have to ensure that all the laws and regulations related to pollution are being adhered to and industries or households indulge in the best way when it comes to environment management. Pollution control Managers are hired by government and local bodies.
Environment Manager	Environment Managers have the duty to ensure internal adherence to environmental laws. They also ensure that the latest products/machines and activities by the company fulfill the basic environmental standards. Environment Managers are hired by various public sector and private sector companies.
Environment Consultant	Environmental Consultants usually work with research companies or consulting companies. Environmental Consultants have to assist their clients in fulfilling environment related requirements to ensure maximum efficiency and minimum repercussions.
Project Manager	Project Managers are responsible for doing on site work on the latest projects of the companies and have to ensure best environmental practices till the completion of projects. Project Managers are also hired by public sector and private sector companies.
Researcher	Researchers usually work with laboratories, research organizations or corporate organizations to always bring new innovations in the field.
Communication and Public Awareness Officer	Communication and Public Awareness Officers are responsible for spreading awareness about environment conservation and pollution. These officers usually work with non-government organizations (NGOs), CSR Centers of Companies and Government.
Eco-Tourism Manager	Eco-Tourism Managers are mostly hired by the local authorities or any government body to ensure a better environmental tourism in any area or city or state. These managers also ensure a safe, secure and natural environment for national and international tourists.

❖ Course Comparison:-

Parameters	MBA Environmental Management	M.Sc. Environmental Management
Duration	2 years	2 years
Admission Criteria	Merit based or direct admission	Merit based or entrance examination.
Eligibility	Bachelor's degree in any stream with	Bachelor's degree in Science stream or

Criteria	minimum of 55% marks from any recognized university/college.	environment science with minimum of 55% marks from any recognized university/college.
Job options	Pollution Control Manager, Environment Manager, Environment Consultant, Project Manager, Researcher, Communication and Public Awareness Officer, Eco- Tourism Manager, Wildlife Manager	Pollution Control Manager, Environment Manager, Environment Consultant, Project Manager, Researcher, Communication and Public Awareness Officer, Eco- Tourism Manager, Wildlife Manager
Areas of Employment	Government and local authorities, Non-Governmental Organizations (NGOs), Public Sector Companies, Private companies and Manufacturers.	Government and local authorities, Non-Governmental Organizations (NGOs), Public Sector Companies, Private companies and Manufacturers, Research Organizations and various other non-profit organizations

M.SC Environmental Management : Top Colleges

Name of the College

Gujarat Forensic Sciences University

Guru Gobind Singh Indraprastha University

Dimoria College

Gauhati University

SIES Indian Institute of Environment Management

Amity University, Noida

Professional development

Chartered Institute of Ecology and Environmental Management (CIEEM)

Chartered Institution of Water and Environmental Management (CIWEM)

Institute of Environmental Management and Assessment (IEMA)

