

## COURSE DESCRIPTION

### Department of Service Courses

**Environment and Society** **Course No. 01101142** **(3 CHs)**

- Environment: concept, environmental systems and types, and the relations between environmental systems and other branches of science.
- Changes of environmental systems: ozone layer, latent gases, acid rain, bio-geochemical circulations.
- Natural cycles: water cycle in nature, oxygen cycle, carbon cycle, Nitrogen cycle, phosphor cycle, sulfur cycle.
- Environmental pollutants: concept of pollution, air pollution, water pollution, radiant pollution, noise, waste management, remedial and preventive plans of pollution.
- Society and environment: environmental dangers, inhabitants and environment, the relation of society with development and environment management, the safety of environmental systems and their effect on man's health.

#### Course outcomes:

1. Knowledge and understanding of environmental terminology.
2. Concept of environment and its relation with other societal concepts.
3. Knowledge of environmental systems changes.
4. Knowledge of natural cycles and their influences on the environment.
5. Awareness of environmental pollutants: water pollution, air pollution, and radiant pollution.
6. Acquaintance with waste management, and their disposal methods.
7. Awareness of the relation between man, society with development and environment management.