

Environmental Studies Master Program

The environmental studies master program is a multidisciplinary oriented program which;

- Provides a diverse comprehensive background of knowledge, understanding and skills with a multidisciplinary context in the field of environmental studies and related disciplines.
- Enhances research necessary to develop approaches that help preserve, conserve, protect or enhance the environment for future generations.
- Applies a cross disciplinary approach to investigate and find potential solutions to environmental challenges in industries, cities, nature and relevant contexts.

Program structure and award requirements

Course code	Course title	Credit hours
Compulsory courses		
2001701	Physical environment	3
2001702	Principles of applied ecology	3
2001703	Environmental laws, policies, management and economics	3
2001704	Natural resources	3
2001705	Advanced applied ecology	3
2001707	Introduction to environmental toxicology	3
2001708	Environmental biochemistry	3
2001709	Environmental measurements	3
2001710	Biological health hazards	3
2001711	Technology of urban environment	3
2001721	Applied statistics (2)	3
Optional courses		
2001712	Effect of pollution on plants and animals	3
2001713	Methods of environmental measurements	3
2001714	Environmental impact assessment and auditing	3
2001715	Geographic information systems	3
2001716	Remote sensing techniques	3
2001717	Air pollution	3
2001718	Geological and geochemical studies	3
2001719	Effects of atomic radiations and protection	3
2001720	Operations research and environmental modeling (2)	3
2001722	Pesticides, environment and human health	3
2001723	Biological treatment of wastes	3
2001724	Applied microbiology	3
2001725	Environmental biotechnology	3
2001726	Natural protectorates	3
2001727	Biomass and energy	3
2001728	Advanced environmental economics	3
2001729	Economics of natural resources	3
2001730	Environmental economic assessment	3
2001731	Economic tools for environmental management	3
2001733	Environment and trade liberalization	3
2001734	Environmental awareness	3
2001735	Family and environmental health	3
2001736	Standards of food safety	3
2001737	Medicinal plants, health and the environment	3
2001738	Public health and the environment	3

Students are awarded the degree when;

- Passing 24 credits for courses with a CGPA of at least C⁺.
- Passing the non-credit courses of scientific writing and research methodology.
- Successfully preparing and defending the master dissertation.

Career prospects of the graduate

Graduates of the environmental studies master program will gain the knowledge, intellectual tools and learning experiences to engage in an increasingly diverse set of career options. They will gain hands-on experience relevant to careers in government agencies, non-government organizations, industry, and academia.