



# BACHELOR OF SCIENCE IN ENVIRONMENTAL HEALTH AND SAFETY

## Why study Environmental Health and Safety (EHS)?

The air we breathe, the soil we build upon, the food we eat, and the water we drink are some of the environmental factors that affect our health. To ensure our air, soil, food, and water are safe, we rely daily on Environmental Health Practitioners. ADU's new Environmental Health and Safety Program will prepare students for careers as Environmental Health Practitioners in both the private and public sectors. Students will graduate with the knowledge and abilities necessary to understand, analyze, and solve environmental health and safety problems in the UAE and the Gulf region, as well as develop a firm understanding of the connection between environmental factors and human health.

## Career opportunities

Whether you like the idea of building community plans and helping government to implement laws and policies, or spending time in a laboratory running tests on water quality and food safety, or getting out into the cities and wild spaces of the UAE to monitor air quality or building and work place safety, there is a career for you in the field of Environmental Health and Safety. Six different degree concentrations (learning paths) have been developed to assist students in program planning. The career paths / degree concentrations are:

- Pollution monitoring and control
- Community and urban planning
- Food safety and inspection
- Policy planning and implementation
- Project assessment and management
- Industrial and occupational health and safety

## Who is the BSc in EHS designed for?

The BS in Environmental Health and Safety is designed for those who want to become highly qualified professionals who make a real difference to people's health and well-being. This program is ideal for students with an interest in the connection between human health and the environment, and who want to help build and maintain safer communities and a healthier environment in the UAE.

## How long will it take me?

The BS in Environmental Health and Safety requires 130 credit hours for graduation (approximately 4 years), including a summer internship.

## Core Courses

Core courses for this program include (but are not limited to):

- Introduction to Environmental Health
- Health Management
- Biological Determinants of Public Health
- Occupational Health and Safety
- Food Safety and Management
- Hazardous Materials
- Environmental Health Regulations and Compliance
- Global Issues in Environmental Health
- Health Risk Management
- Toxicology
- Epidemiology
- Housing and Sustainable Communities

## Learning outcomes?

After completing this course, students will be able to:

- Illustrate and explain the scope of environmental health.
- Discuss selected scientific and social science principles and concepts.
- Explain the ways in which environmental health problems have arisen and illustrate this by using appropriate case study materials.
- Illustrate the role of environmental health problems in selected workplace situations.
- Explain the effects of environmental health problems in physical and social contexts.
- Use critical thinking to identify and assess environmental health risks.

## How do I apply?

All application forms and supplementary information can be obtained from the Office of Admissions and Registration. Applications for admission should be submitted by the date set by the Office of Admissions and Registration. Applicants must meet the standards set by the College of Arts and Sciences for all Natural and Applied Science programs. Please contact the College for details.

## Who will teach me?

The EHS program courses are taught by full-time experienced faculty, all of whom have both theoretical and practical knowledge with PhD degrees from well-recognized North American and European Universities.



### TO APPLY OR FOR MORE INFORMATION:

Contact the Office of Admissions and Registration at the below noted numbers.

P.O. Box 59911  
Abu Dhabi, United Arab Emirates  
T +971-2-5015555  
F +971-2-5015990

P.O. Box 1790  
Al Ain, United Arab Emirates  
T +971-3-7670000  
F +971-3-7670001

Call Toll Free:  
800ADYOU (800 23968)  
Visit Online:  
[www.adu.ac.ae](http://www.adu.ac.ae)

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