

# Bachelor of Science in Environmental Sciences

**Make a sustainable impact**





## You Can Change the World with an Environmental Sciences Degree

Environmental scientists are in a race against time, working to address climate change and other natural phenomena which are impacting the future of our planet. From climate change to sustainable resource management, all sectors of government, business, industry and society have begun to recognize the role they must play in the conservation and preservation of our environment.

The Bachelor of Science in Environmental Sciences at AUS combines the disciplines of biology, chemistry and other related courses that will deepen your understanding of the most significant environmental issues of our time. We will prepare you to use critical thinking skills and the scientific method so that you can effectively respond to environmental challenges that will make an impact on the region and the world.



## What Can You Do with an Environmental Sciences Degree?

Graduates with an environmental sciences degree are in high demand across government, private and not-for profit sectors and industries in a variety of roles including:

- environmental consultant
- environmental educator and researcher
- environmental engineer
- sustainability specialist
- conservationist
- sustainability manager
- water quality assurance specialist
- scientific product specialist
- police forensics technicians
- food control laboratories technicians
- renewable energies specialist
- environmental health and safety officers
- natural resource management
- aquaponics specialist



The variety of environmental science related subjects stood out the most to me while studying at AUS, as well as the caliber of AUS faculty staff.

Due to the solid background AUS has provided me with, I was able to achieve a Master of Science in Environmental and Land Planning Engineering with a Concentration in Sustainable Development from the Politecnico Di Milano, Italy and a PhD in Environmental Management from Heriot Watt University, Scotland.

I highly recommend the AUS environmental science program, as it is a rewarding educational experience that establishes a solid basis for future success.



Dr. Abeer Sajwani,

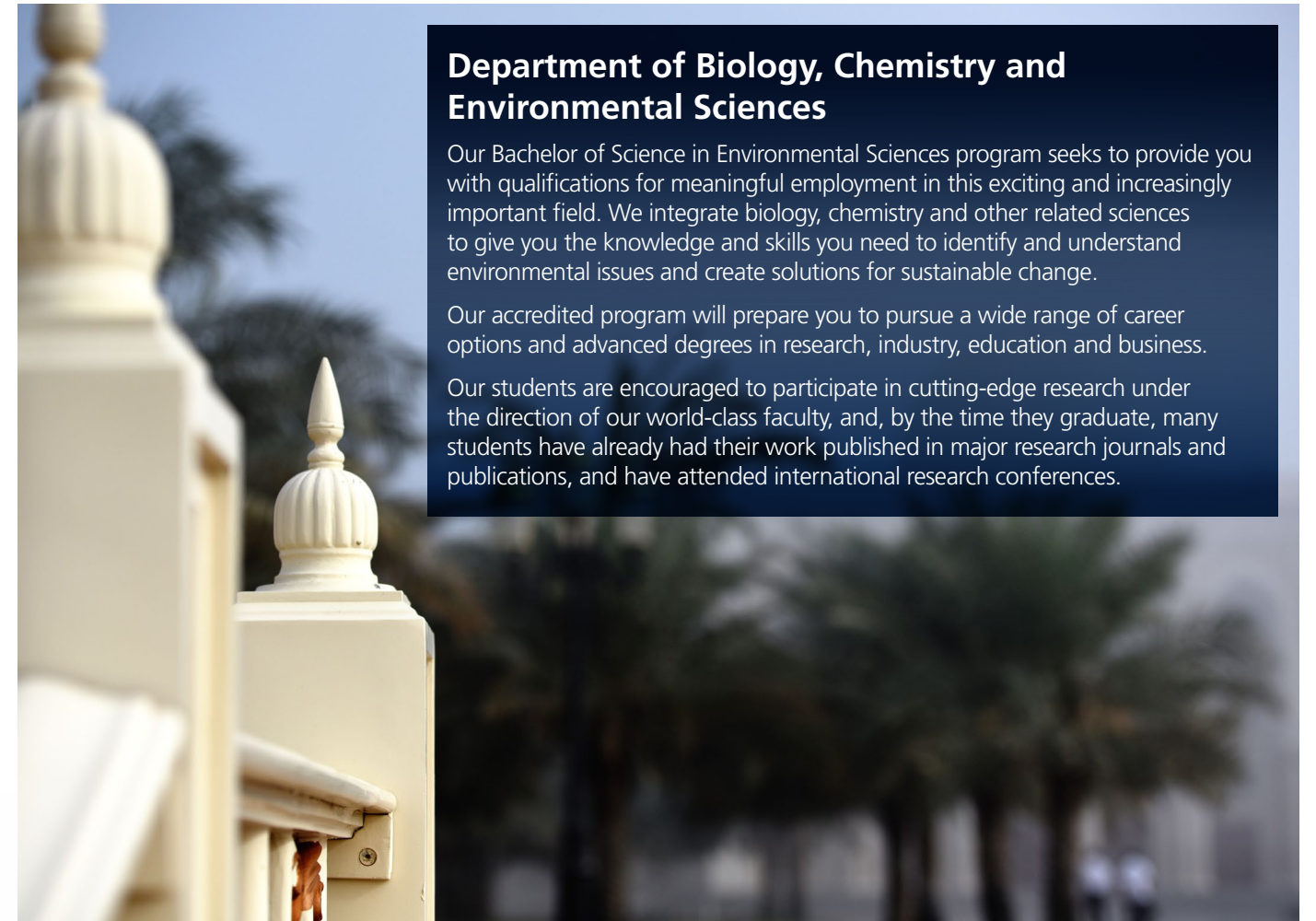
Associate Planner–Environment, Department of Urban Planning and Municipalities (DPM), Abu Dhabi

## Department of Biology, Chemistry and Environmental Sciences

Our Bachelor of Science in Environmental Sciences program seeks to provide you with qualifications for meaningful employment in this exciting and increasingly important field. We integrate biology, chemistry and other related sciences to give you the knowledge and skills you need to identify and understand environmental issues and create solutions for sustainable change.

Our accredited program will prepare you to pursue a wide range of career options and advanced degrees in research, industry, education and business.

Our students are encouraged to participate in cutting-edge research under the direction of our world-class faculty, and, by the time they graduate, many students have already had their work published in major research journals and publications, and have attended international research conferences.



## Faculty

Our internationally diverse faculty hold the highest qualifications in environmental sciences, which means they can provide you with the very best instruction and research to ensure your success as a student at AUS. Our faculty research spans a wide range of topics including, studies on coral reef communities, terrestrial and marine predator/prey/habitat relations, and climate change related to plant communities in coastal ecosystems.



## Admission Requirements

Formal admission to the program follows AUS' admission requirements. Students transferring into the program must have a cumulative GPA of 2.0 or higher and permission of the Head of the Department of Biology, Chemistry and Environmental Sciences.

## Degree Requirements

The Bachelor of Science in Environmental Sciences program comprises of a minimum of 120 credits:

General education requirements: **44 credits**

Major requirements: **37 credits**

Concentration in Environmental Biology and Ecosystems: **27 credits**

Concentration in Environmental Chemistry and Analysis: **27 credits**

Major electives: **15 credits**

Free electives: **15 credits**



If you want to pursue a degree in environmental sciences at AUS, we want to hear from you. You can talk to one of our advisors about what you are looking for.

**Contact us today**

[env@aus.edu](mailto:env@aus.edu)

[www.aus.edu/environmentalscience](http://www.aus.edu/environmentalscience)

**Apply now**

[www.aus.edu/apply](http://www.aus.edu/apply)