

Bachelor of Science in Environmental Sciences and Sustainability

Make a sustainable impact



You Can Change the World with an Environmental Sciences and Sustainability Degree

Environmental and sustainability 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 and Sustainability at AUS is a multidisciplinary, natural science-based program that integrates natural sciences with management, policy and sustainability. The program will prepare you for a rewarding career in the rapidly growing field of environmental sciences and sustainability. It not only enhances your understanding of environmental issues to ultimately devise solutions towards a sustainable society and environment, but also provides practical experience with a wide array of advanced field and laboratory analytical equipment. Graduates of this program have the skills to effectively communicate environmental and sustainability concepts to various stakeholders and to become an integral part in shaping a sustainable future.



What Can You Do with an Environmental Sciences and Sustainability 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. Our graduates are prepared for the following: including:

- environmental sustainability management and policy, in governmental organizations, industry and consulting
- environmental auditing and environmental impact assessments
- environmental protection, targeting air, water, land and food quality, with human and environmental health perspective
- conservation and protection of natural resources, such as fisheries and wildlife management
- operation of resource-based industries such as oil, mining, forestry and agriculture
- environmental sustainability awareness education and communication
- environmental sciences and sustainability research, involving detecting environmental pollutants and improving prediction of environmental and geophysical changes
- graduate study in environmental sciences, sustainability or management-related areas



“ 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,

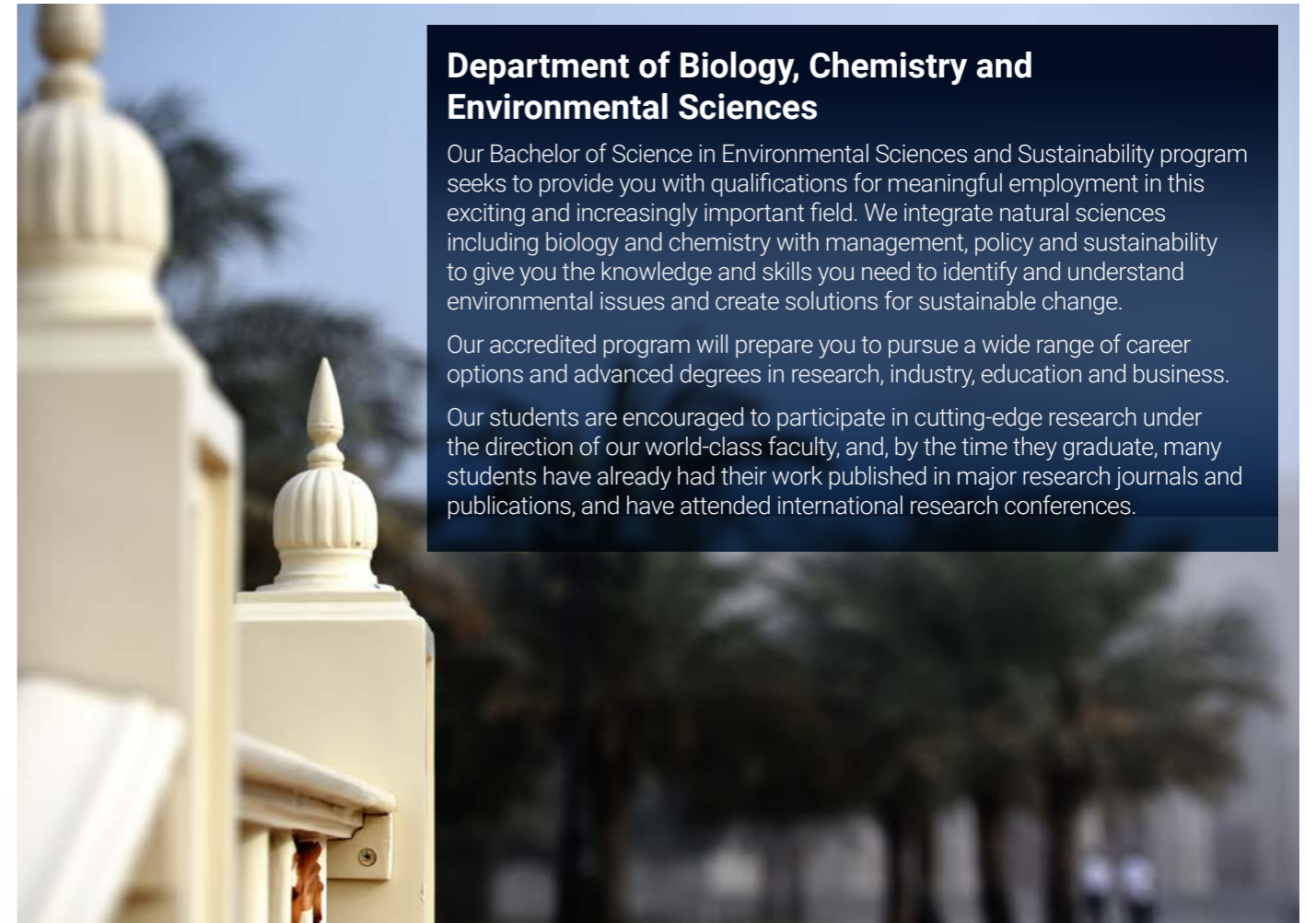
Associate Planner–Environment, Department of Urban Planning and Municipalities (DPM), Abu Dhabi

Department of Biology, Chemistry and Environmental Sciences

Our Bachelor of Science in Environmental Sciences and Sustainability program seeks to provide you with qualifications for meaningful employment in this exciting and increasingly important field. We integrate natural sciences including biology and chemistry with management, policy and sustainability 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 and sustainability, 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 water quality monitoring, environmental pollution assessments, impacts of climate change, health risk assessments, nature based solutions, among many others.



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 and Sustainability program comprises of a minimum of 120 credits:

General education requirements: **44 credits**

Major requirements: **58 credits**

Major electives: **9 credits**

Free electives: **9 credits**

If you want to pursue a degree in environmental sciences and sustainability 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

www.aus.edu/environmentalscience

Apply now

www.aus.edu/apply

