

Sustainable Development Goal 13 Climate Action

Education programs on climate

Continuously highlighting the awareness on climate change in education, research and community context, AzTU has subjects on climate change in the curriculums of its programs as mentioned in its Climate Action Policy – <https://www.aztu.edu.az/sdg/wp-content/uploads/2023/11/Climate-action-policy-AzTU-2.pdf>

The following subjects are taught in the master level program Environmental Engineering at AzTU since 2021, which are linked with relevant researches:

- Recycling of wastewater
- Biogas production technologies
- Assessment of organic wastes consumption
- Laboratory analysis of wastewaters
- Automobile wastes
- Environmental modelling
- Environmental biotechnologies
- Environmental safety
- Methods of biological treatment
- Wasteless industrial production
- Biofuel production
- Marine ecology
- Transport ecology
- Air ecology

https://www.aztu.edu.az/sub_site/web_admin/upload/files/aztu.edu.az/Subsites/9-2022/Magistratura_tedris/T%C9%99dris_planlar%C4%B1/metallurgiya/TP_Ekologiya_muh%C9%99ndisliyi_2022.pdf

Apart of engineering disciplines, Economics, Management and MBA Programs have environmental and sustainable development subjects, such as:

- Energy management
- Energy economics
- Energy audit
- Smart grids
- Green economics
- Green logistics
- Green supply chain management

https://www.aztu.edu.az/sub_site/web_admin/upload/files/aztu.edu.az/Subsites/9-2022/Beynlxal_biznes_m%C9%99kt%C9%99bi_MBA/MBA_EM22.pdf

https://www.aztu.edu.az/sub_site/web_admin/upload/files/aztu.edu.az/Subsites/9-2022/Beynlxal_biznes_m%C9%99kt%C9%99bi_MBA/MBA_BL21.pdf

Furthermore, master level students of AzTU wrote and defended master thesis on food waste recycling and utilization, green logistics and supply chain management in private companies, and potential benefits of shifting from fuel-consuming vehicles to hybrid and electric vehicles.

Researches on climate issues

AzTU has dedicated Sustainable Development Institute, an intra-university think-tank that conducts researches on various aspects of sustainable development. Moreover, AzTU was the co-organizer of academic conferences held in 2022 together with other universities, public and private institutions.

3rd Eurasian Energy and Sustainability Conference. The Dynamic Energy Landscape in Eurasia: Global Threats to Energy Security, Regional Challenges and Opportunities

https://aztuconference.aztu.edu.az/conference_detail/20

Energy Efficiency and Green Energy Technologies

https://aztuconference.aztu.edu.az/conference_detail/22