

Lankaran State University offer courses that teach specifically on climate science and/or environmental sustainability

Lankaran State University (LSU) offers a comprehensive array of programs and initiatives focused on climate science and environmental sustainability. These offerings encompass undergraduate, master's, and doctoral degrees, as well as active participation in regional and international environmental projects.

Academic Programs

Undergraduate Programs:

Ecology: Provides foundational knowledge in environmental science.

Teaching of Biology and Chemistry: Equips students with the skills to educate future generations on biological and chemical sciences.

Master's Programs:

Methods of Environmental Protection and Restoration: Focuses on strategies to safeguard and rehabilitate ecosystems.

Protection of the Environment in the Agricultural Sphere: Addresses environmental concerns within agricultural practices.

Doctoral Programs:

Ecology: Advanced studies in ecological research and applications.

Geoecology: Explores the interactions between geological and ecological processes.



Research and Sustainability Initiatives

LSU has established a dedicated Research Center concentrating on environmental sustainability. This center collaborates with regional institutions such as Hirkan and Kyzylagac National Parks, as well as the Ministry of Ecology and Natural Resources. Key activities include:

- **Seminars and Workshops:** Topics like "State Ecological Policy" and "Transformation into a Net-Zero Emission Zone" have been discussed.
- **Climate Action Plan:** Development of strategies to reduce greenhouse gas emissions and promote sustainable development.

- **International Projects:** Participation in initiatives like the REFRESH project, focusing on renewable energy sources and climate change mitigation.



Additionally, LSU has signed bilateral cooperation agreements with the Ministry of Ecology and Natural Resources, Hirkan National Park, and Kyzylagac National Park, facilitating joint scientific research and participation in environmental events.



Community Engagement and Events

LSU actively engages with the community through various environmental events:

- **Flamingo Festival:** Held at Kyzylagac National Park, LSU students participated and won first place in an environmental knowledge competition.[1](#)
- **International Conferences:** LSU hosted a conference on "Protection of Biological Diversity and Ecologically Sustainable Socio-Economic Development," with participation from representatives of 10 foreign countries.
- **Seminars:** Topics such as "Ecological Factors and Climate Change" have been explored in joint seminars with other institutions.



Academic Resources

LSU's Faculty of Natural Sciences offers a range of courses and research opportunities in ecology and environmental sciences. The "Biology and Ecology" department conducts scientific research on topics like "Biological Monitoring of Environmental Pollution in the Southern Region," providing students with practical experience in environmental monitoring.



For those interested in pursuing a career in environmental science or sustainability, LSU provides a robust academic foundation, hands-on research opportunities, and active involvement in regional and international environmental initiatives.