

- Revision of the environmental engineering undergraduate program of Mongolian universities
- Establishment of Environmental engineering laboratories
- Accreditation and Implementation of “Environmental engineering” graduate program at the NUM
- Revision and development of new courses at undergraduate and graduate level
- Capacity building of academic staff and general public to environmental issues as well climate change



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TACKLING THE CLIMATE CHANGE THROUGH MODERNIZING ENVIRONMENTAL ENGINEERING PROGRAM TACMEE

Project information

“Tackling the Climate change through Modernizing Environmental Engineering program” – TACMEE is a joint project which funded by Erasmus+, European Commission.

In this project, the improvement of environmental studies as well as the focus on environmental problems and solutions in Mongolia will be aimed.

Two EU institutes (University of Szeged, Hungary – USZ and University of Oulu, Finland – UO) having great experience with BSc, MSc as well as PhD programs of Environmental Sciences and Environmental Engineering will improve BSc program of Environmental

Engineering in 3 institutes in Mongolia (School of Agroecology and Business – SAB, National University of Mongolia – NUM and German-Mongolian Institute for Resources and Technology – GMIT) as well as to form MSc level Environmental Engineering curriculum firstly at NUM.

The project funded by the European Union Erasmus+ programme.



Courses for undergraduate program

- Environmental Engineering Technology
- Alternative Energy Resources
- Environmental chemistry and ecology
- Microsensors and controllers
- Air pollution control engineering
- Solid waste management and recycling technologies
- Water and wastewater treatment
- Hydrology and water resources
- Material recovery technology
- Environmental remediation technology
- Climate change
 - Air Pollution
 - Solid Waste technologies
 - Sustainable development and green theory
 - Rangeland management and technology
 - Environmental monitoring and assessment

Courses for master program

- Life cycle analysis
- Environmental biotechnology
- Modelling and simulation
- Environmental operation units
- Process and environmental catalysis
- Industry and environment
- Air pollution control engineering
- Materials in environmental engineering
- Micro and nanotechnologies
- Mitigation and adaptation technologies
- Waste treatment technology
- Climate change Modelling and simulation technology



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