

Strengthening academic potential in water management

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Interdisciplinarity

The course offers to engage in cutting-edge research and practice in the water sector – water management aspects related to water engineering, geo-informatics, economics, law, policy etc. in Central Asia – seeking to prepare the leaders of tomorrow as integrated water management professionals on a regional and national level.



International Partnership

Within The Central Asia Water Initiative (the “Berlin Process”) of the German Federal Foreign Office the Central Asian states expressed joint intention to develop cooperation and welcomed the participation of students from the region in the MA Program at the German-Kazakh University. Accordingly our university could have signed a number of Memorandums of Understanding (MoU) and start cooperation with national water state agencies and scientific entities in water sector representing all countries of Central Asia.



Course is conducted in partnership with one of the world's leading universities Freie Universität Berlin and Berlin Centre for Caspian Region Studies serving as an interdisciplinary hub for cutting-edge research on the region

Our scientific activities on water management:

- Regional **Seminar on Application of the concept of Integrated Water Resources Management in Central Asia the Current Practices and Further Development**, supported by international partners (Ministry of Foreign Affairs of Germany, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Organization for Security and Co-operation in Europe (OSCE), United Nations Development Programme (UNDP), United Nations Economic Commission for Europe (UNECE,) followed book, which was presented to head of delegation during the High Level International Conference on Water Cooperation (August 2013 , Dushanbe)
- Two weeks interdisciplinary **Summer School on Water Management for Students from Central Asia and Germany** (incl. lectures, trainings, field trips, etc. conducted by a number of teachers from Central Asia and Germany.

Inter-Regional Exchange

Our students come from all over Central Asia to deepen their knowledge on integrated water management The unique partnership between European and Central Asian academics and practitioners is full filled in the teaching, common scientific research and training.



Young leaders with an interdisciplinary approach contribute to effective water management and cross-border cooperation in Central Asia, to stability and security and thus to sustainable economic development.

Contents of the MA Program:

- Land and water interactions/water systems and climate
- Cultural, political, legal, ecological, and economic issues that have an impact on water distribution
- Hydraulic engineering, water treatment ,GIS, field work

Duration of Study: 2 years;

Language of instruction: English (70%); Russian, German (optional)

Admission requirements: BA degree in either Natural Sciences, Agricultural Sciences, in Engineering or working experience in water management sector