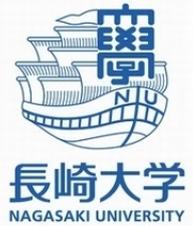




JICA-DSP



# Disaster and Radiation, Nagasaki University Graduate School of Biomedical Sciences



## JICA Development Studies Program (JICA-DSP)

Various universities, in collaboration with JICA, have established JICA-DSP among the graduate school degree courses they offer. JICA-DSP consists of class subjects pertaining to the development experience of modern Japan (including the experience of Japan's own development and of its cooperation with other countries through ODA). This program offers JICA scholars a chance to deepen their understanding of Japan's development experience in the respective academic fields.

## Disaster and Radiation, Nagasaki University Graduate School of Biomedical Sciences

The Joint Master's Program in the Division of Disaster and Radiation Medical Sciences is offered at the Graduate School of Biomedical Sciences, as part of the Nagasaki University/Fukushima Medical University Joint Graduate School. Both universities have great achievements in radiation exposure medical science and radiation risk science. The program takes advantage of the best characteristics of both universities and the disaster medical science faculty, who have gained valuable experience from the Great East Japan earthquake. The program aims to foster understanding of the basis of mental health, radiation risk evaluation, risk communication, radiation life sciences, radiation protection, and radiation health effects. This course will enable students develop radiation health sciences in their own countries through this understanding and via learnings about the development of radiation health sciences in Japan.



Nagasaki University offers JICA-DSP

<http://www.fmu.nagasaki-u.ac.jp/en/>

# JICA-DSP offered by Nagasaki University

## COURSE SUBJECTS

### **Radiation Health Effects**

- Knowledge of acute and chronic radiation effects on the human body, based on the experience in Japan

### **Radiation Protection**

- Scientific and ethical foundations of the radiological protection system
- Implementing basic scientific and ethical principles to existing, planned and emergency exposure situations, based on the experience in Japan

### **Radiation Emergency Medicine**

- Knowledge and overview of the concepts of radiation protection, preventing contamination spread, and radiation health effects, based on the experience in Japan

### **Advanced Emergency Medicine**

- Detailed explanation and practice of Japanese emergency medicine

### **Advanced Risk Communication And Management Training**

- Conducting exercises on environmental radiation measurement and risk communication with residents



JICA has my deepest gratitude for giving me the opportunity to be a part of the master's program in "Disaster and Radiation Medical Sciences" at Nagasaki University.

Studying locally allowed me to observe how the combination of culture and tradition with science can enable a nation to become a leader in this technologically advanced world.

The invaluable knowledge, skills and experiences received here helped me personally and professionally. I think the stable foundation that JICA has provided me will serve as a strengthening bridge between Kazakhstan and Japan in the future.

### **Sailaubekova Yerkezhan**

**Semey Medical University**  
**Kazakhstan**

