

I have the knowledge and experience to contribute to solving global problems.

Program Overview (Development Studies Programs Offered by Various Universities)

Name of University	Tohoku University
Name of School	WISE Program for Sustainability in the Dynamic Earth
Features of School	https://syde.tohoku.ac.jp/english/
Program Outline	<p>Name of the Program: “Disaster Risk Reduction (DRR) Leaders Capacity Development for the Sendai Framework Implementation”</p> <p>“Disaster Risk Reduction (DRR) Leaders Capacity Development for the Sendai Framework Implementation” is targeted at future leaders in the field of DRR in developing countries, and aiming to foster DRR leaders well-versed in Japanese experiences including Sendai Framework.</p>
Outline of Subjects	<p>“Global Risk Management”</p> <p>The objective of this class is to learn importance and methodologies of risk management from lectures on various risk management cases and studies around the world including the experiences of pre-disaster investment and Sendai Framework.</p> <p>“Disaster Control System”</p> <p>Countermeasures, their history and issues in Japan are comprehensively compiled and the system and information to reduce damage for each hazard are discussed. Comparative study on disasters, statistics, and community map for disaster prevention are introduced.</p> <p>“Special lecture on Sustainability in the Dynamic Earth 1 (Master’s Course), Advanced lecture on Sustainability in the Dynamic Earth 1 (Doctoral Course)”</p> <p>DRR activities must be needed well balanced holistic approached so that there are many gaps between academia education and real DRR policy and activities. The objective of this class is to gain practical knowledge on the ground especially knowledge through official development assistance ODA to developing countries, based on Japanese experiences.</p>
Related URL	https://syde.tohoku.ac.jp/student/syllabus/
Program’s appeal	<p>Voices from students who take the subjects</p> <p>I am a second-year master’s student from the Department of Geophysics, Graduate school of Science. In early 2020 I joined WISE Program for Sustainability in the Dynamic Earth (SyDE) as a first-year master’s student. The SyDE program gives us an opportunity to learn lots of recent knowledge and information about Earth and global environmental changes from many perspectives. Another opportunity given by</p>

	<p>the SyDE program is a chance to attend the Global Risk Management course. A series of lectures given by many experts give us insight full information about several causes and countermeasures for disasters and hazards. I learned about the evolution of countermeasure based on the evolution of disasters, especially in Japan. In addition, the SyDE program also gives us a chance to learn from JICA expert, Prof. Kimio Takeya, about his experience as a JICA expert from how to deal with many disasters to the negotiation circumstances in the international organization. We also gained experience in the proposal making for a local Disaster Risk Reduction Plan. We practiced considering many aspects to create the best plan to reduce disaster risk from various views of the community. It was a challenging yet interesting experience. I am grateful for the opportunity to join the SyDE program. I hope that after graduating from this program I have the knowledge and experience to contribute to solving global problems.</p>
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