

Master's Program in Environmental Sciences

Expert program of environmental management and prognosis of nuclear emergencies (ENEP)

Lecture number	Lecture	Credit	Grade	Semester	Lecture Information
01AD700	Environmental Assessment and Prognosis for Nuclear Emergency I [Japanese]	1.0	1	Spring Module AB	Analysis of the environmental released radionuclides by the nuclear disaster; the diffusion, deposition, transition process, water circulation and material circulation
01AD701	Environmental Assessment and Prognosis for Nuclear Emergency II [Japanese]	1.0	1	Spring Module C	An introduction to the emergency response, reconstruction projects and decommissioning by JAEA
01AD702	Environmental Assessment and Prognosis for Nuclear Emergency III [Japanese]	1.0	1	Spring Module C	Learning industry, agriculture and ecosystem comprehensive impact after the nuclear disaster and emergency monitoring technique
01AD705	Special Seminar in Nuclear Emergency	1.0	1,2	Year Round	Learning about the evaluation method and the environmental impact of the international nuclear disaster. Lesson is given by the professors from renowned research institutions (ex. International Atomic Energy Agency, Institute de Radioprotection et de Surete Nucleaire, Ukrainian Hydrometeorological Institute, Plymouth University and the

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01AD706	Internship in Risk Assessment for Nuclear	1.0	1,2	Year Round	Internship in Japan Atomic Energy Agency
01AD707	Internship in Risk Assessment for Nuclear Emergency II [Japanese]	1.0	1,2	Year Round	Internship in National Institute for Environmental Studies
01AD708	Internship in Risk Assessment for Nuclear Emergency III [Japanese]	1.0	1,2	Year Round	Internship in related organisations
01AD709	International Internship in Assessment and Prognosis for Nuclear Emergency	1.0	1,2	Year Round	Summer global internship program. (ex. Chernobyl, International Atomic Energy Agency et.al)