

## Graduation Requirement Chart

講義名・演習名・単位数・責任教官一覧表

Category	Title	Instructor	Credit
I Required	Individual Study		10
II Recommend	Disaster Management Policy	Prof. Shigeru Morichi (GRIPS)	2
	Disaster Risk Management	Prof. Kenji Okazaki (GRIPS)	2
	Hydrological Observation, Modeling & Forecasting	Prof. JayawardenaAmithirigala (ICHARM)	2
	Hydraulics	Prof. Tadaharu Ishikawa (Tokyo Institute of Technology)	2
	Introduction to International Cooperation	Prof. Mikio Ishiwatari (JICA)	2
	Integrated Flood Risk Management (IFRM) (1) Basic Concept of IRBM, IFRM & Global Trend	Prof. Kuniyoshi Takeuchi (ICHARM)	2
	Integrated Flood Risk Management (IFRM) (2) Non-structural Measures & Community Defense	Prof. Kuniyoshi Takeuchi (ICHARM)	2
	Integrated Flood Risk Management (IFRM) (3) IRBM & Structural Measures	Prof. Shouji Fukuoka (Chuo Univ.)	2
	Flood Hazard Mapping & Evacuation Planning	Prof. Shigenobu Tanaka (ICHARM)	2
	Sustainable Reservoir Development & Management	Prof. Norihisa Matsumoto (Japan Dam Engineering Center)	2
	Control Measures for Landslide & Debris Flow	Prof. Shun Okubo (Japan Sabo Association)	2
III Elective	Practice on Hydrological Observation, Modeling & Forecasting	Prof. JayawardenaAmithirigala (ICHARM)	1
	Practice on Hydraulics	Prof. Tadaharu Ishikawa (Tokyo Institute of Technology)	2
	Practice on Integrated Flood Risk Management	Prof. Kuniyoshi Takeuchi (ICHARM)	1
	Practice on Hazard Mapping & Evacuation Planning	Prof. Shigenobu Tanaka (ICHARM)	1
	Practice on Sustainable Reservoir Development & Management	Prof. Norihisa Matsumoto (Japan Dam Engineering Center)	1
	Practice on Control Measures for Landslide & Debris Flow	Prof. Shun Okubo (Japan Sabo Association)	1