

Class Schedule for the Dept. of Civil and Earth Resources Eng./Urban Management						
Note: The official version is written in Japanese. This is just for your reference.						
1st semester	Master's Program				Doctoral Program	
	Department of Civil and Earth Resources Engineering		Department of Urban Management		Department of Civil and Earth Resources Engineering	Department of Urban Management
Mon.	1	□River Basin Management of Flood and Sediment (H.Nakagawa, Sumi, Kawaike, Takebayashi) Katsura C1-173 (biennial)	Environmental Geotechnics (Katsumi, Inui) Katsura C1-192 Yoshida Bldg.8 Rm.1	□River Basin Management of Flood and Sediment (H.Nakagawa, Sumi, Kawaike, Takebayashi) Katsura C1-173 (biennial)	Environmental Geotechnics (Katsumi, Inui) Katsura C1-192 Yoshida Bldg.8 Rm.1	
	2	Continuum Mechanics (Sugiura, Yagi) Katsura C1-192	Sediment Hydraulics (HitoshiGotoh , E.Harada) Katsura C1-191	Continuum Mechanics (Sugiura, Yagi) Katsura C1-192	Sediment Hydraulics (HitoshiGotoh , E.Harada) Katsura C1-191	
	3	Geomechanics (Mimura, Kimoto) Katsura C1-172	Urban Environmental Policy (D.Nakagawa , Matsunaka) Katsura C1-173	Geomechanics (Mimura, Kimoto) Katsura C1-172	Urban Environmental Policy (D.Nakagawa , Matsunaka) Katsura C1-173	
		○Disaster Mitigation for Sustainable Basin Environment (Fujita, Hiraishi, Takemon, Tsutsumi, Baba) Katsura C1-191 (biennial)	□Hydro-meteorological Disaster Prevention (Takara, Nakakita, Sayama) Katsura C1-191 (biennial)	○Disaster Mitigation for Sustainable Basin Environment (Fujita, Hiraishi, Takemon, Tsutsumi, Baba) Katsura C1-191 (biennial)	□Hydro-meteorological Disaster Prevention (Takara, Nakakita, Sayama) Katsura C1-191 (biennial)	
	4	◎Case Studies Harmonizing Disaster Management and Environment Conservation (Takara, H.Nakagawa , Nakakita, Mase, Mori) Katsura C1-191	◎Public Finance (K.Kobayashi, Matsushima) Katsura C1-173	◎Case Studies Harmonizing Disaster Management and Environment Conservation (Takara, H.Nakagawa , Nakakita, Mase, Mori) Katsura C1-191	◎Public Finance (K.Kobayashi, Matsushima) Katsura C1-173	Practice in Advanced Infrastructure Engineering A (Related instructors) Katsura C1-171
		◎Geo-Risk Management (Ohtsu) Katsura C1-172		◎Geo-Risk Management (Ohtsu) Katsura C1-172		
	5	Public Psychology for Human Behaviour (S.Fujii) Katsura C1-173	Fundamental Theories in Geophysical Exploration (Mikada, T.Goto) Katsura C1-172	Public Psychology for Human Behaviour (S.Fujii) Katsura C1-173	Fundamental Theories in Geophysical Exploration (Mikada, T.Goto) Katsura C1-172	
	1	Structural Dynamics (Igarashi, Furukawa) Katsura C1-172	□Water Resources Systems (Hori, K.Tanaka) Katsura C1-192 (biennial)	Structural Dynamics (Igarashi, Furukawa) Katsura C1-172	□Water Resources Systems (Hori, K.Tanaka) Katsura C1-192 (biennial)	
	◎Fundamental Geofront Engineering (Minura, Kimura, Higo) Katsura C1-311		◎Fundamental Geofront Engineering (Minura, Kimura, Higo) Katsura C1-311			
	2	◎Computational Mechanics and Simulation (Ishida, Furukawa, Froles, Liang) Katsura C1-173	Remote Sensing and Geographic Information System (Susaki) Katsura C1-117	◎Computational Mechanics and Simulation (Ishida, Furukawa, Froles, Liang) Katsura C1-173	Remote Sensing and Geographic Information System (Susaki) Katsura C1-117	
Tue.	3	Applied Mathematics in Civil & Earth Resources Engineering (Tsukada, Saito) Katsura C1-192		Applied Mathematics in Civil & Earth Resources Engineering (Tsukada, Saito) Katsura C1-192		
	4	◎Earthquake Engineering/Lifeline Engineering (Kiyono, Igarashi) Katsura C1-191		◎Earthquake Engineering/Lifeline Engineering (Kiyono, Igarashi) Katsura C1-191		
	5					
	1	Ecomaterial and Environment-friendly Structures (Kawano, Hattori) Katsura C1-117	River Management (Hosoda, Kishida, Onda) Katsura C1-173	Ecomaterial and Environment-friendly Structures (Kawano, Hattori) Katsura C1-117	River Management (Hosoda, Kishida, Onda) Katsura C1-173	
	2	★□Emergency Management Systems (Yamori, others) Faculty of Engineering Integrated Research Bldg Rm213		★□Emergency Management Systems (Yamori, others) Faculty of Engineering Integrated Research Bldg Rm213		
Wed.	2	◎Material and Structural System & Management (Kawano, Hattori, T.Yamamoto) Katsura C1-173	Environmental Geosphere Engineering (K. Koike) Katsura C1-171	◎Material and Structural System & Management (Kawano, Hattori, T.Yamamoto) Katsura C1-173	Environmental Geosphere Engineering (K. Koike) Katsura C1-171	
		○Coastal and Urban Water Disasters Engineering (Mase, Igarashi, Yoneyama, Mori) Katsura C1-192 (biennial)	Urban Transport Policy (D.Nakagawa, Mtsunaka, Oba, Matsubara, other related instructors) (outside campus, refer Urban Policy Unit for Low-Carbon Society)	○Coastal and Urban Water Disasters Engineering (Mase, Igarashi, Yoneyama, Mori) Katsura C1-192 (biennial)	Urban Transport Policy (D.Nakagawa, Mtsunaka, Oba, Matsubara, other related instructors) (outside campus, refer Urban Policy Unit for Low-Carbon Society)	
	3	Hydrodynamics and Turbulence Mechanics (Toda, Sanjou, Okamoto) Katsura C1-191	◎Measurement in The Earth's Crust Environment (T.Asakura, Ishida, N.Yamamoto) Katsura C1-192	Hydrodynamics and Turbulence Mechanics (Toda, Sanjou, Okamoto) Katsura C1-191	◎Measurement in The Earth's Crust Environment (T.Asakura, Ishida, N.Yamamoto) Katsura C1-192	
	4	★Disaster Information (Tatano, Yamori, Hatayama) Eng. Bldg.2 room101	Policy for Low-Carbon Society (Taniguchi, D. Nakagawa, Matsubara, and other related instructors) (outside campus, refer Urban Policy Unit for Low-Carbon Society)	★Disaster Information (Tatano, Yamori, Hatayama) Eng. Bldg.2 room101	Policy for Low-Carbon Society (Taniguchi, D. Nakagawa, Matsubara, and other related instructors) (outside campus, refer Urban Policy Unit for Low-Carbon Society)	
		◎Applied Hydrology (Hori, Sumi, S.Tanaka, Takemon, K.Tanaka, Kantoush) Katsura C1-172	◎Disaster Risk Management (Tatano, Curz, Yokomatsu) Research Bldg. 5 Main Lecture Rm 2F, Katsura 171(remote class)	◎Applied Hydrology (Hori, Sumi, S.Tanaka, Takemon, K.Tanaka, Kantoush) Katsura C1-172	◎Disaster Risk Management (Tatano, Curz, Yokomatsu) Research Bldg. 5 Main Lecture Rm 2F, Katsura 171(remote class)	
	5	Urban Transport Management (D. Nakagawa, Fujii, Uno, Matsubara and other related instructors)(outside campus, refer Urban Policy Unit for Low-Carbon Society)		Urban Transport Management (D. Nakagawa, Fujii, Uno, Matsubara and other related instructors)(outside campus, refer Urban Policy Unit for Low-Carbon Society)		
	5	Seminar on Infrastructure Engineering A (Related instructors)		Seminar on Urban Management B (Related instructors)		
Thurs.	1	Information Technology for Urban Society (Related instructors) Katsura C1-192		Information Technology for Urban Society (Related instructors) Katsura C1-192		
	2					
	3	Exercise on Project Planning (Related instructors) Katsura C1-173		Exercise on Project Planning (Related instructors) Katsura C1-173		ORT on Infrastructure Engineering (Related instructors)
	4					ORT on Urban Management (Related instructors)
	5	Seminar on Infrastructure Engineering B (Related instructors)	◎Global Survivability Studies (Takara, Yoshikawa, and related instructors) Yoshida Campus, Higashi-ichijo, Shishu-kan Hall	Seminar on Urban Management B (Related instructors)	◎Global Survivability Studies (Takara, Yoshikawa, and related instructors) Yoshida Campus, Higashi-ichijo, Shishu-kan Hall	
Fri.	1	◎Open Channel Hydraulics (Hosoda, Onda) Katsura C1-173 (biennial)		◎Open Channel Hydraulics (Hosoda, Onda) Katsura C1-173 (biennial)		
	2	◎Structural Stability (Shirato, Sugiura) Katsura C1-173	Hydrologic Design and Management (Tachikawa, Ichikawa) Katsura C1-191	◎Structural Stability (Shirato, Sugiura) Katsura C1-173	Hydrologic Design and Management (Tachikawa, Ichikawa) Katsura C1-191	
	3	◎Coastal Wave Dynamics (Hitoshi Gotoh, Khayyer, E.Harada, Ikari) Katsura C1-173 (biennial)		◎Coastal Wave Dynamics (Hitoshi Gotoh, Khayyer, E.Harada, Ikari) Katsura C1-173 (biennial)		
	4	Seminar on Infrastructure Engineering B (Related instructors)				
	5	Seminar on Infrastructure Engineering A (Related instructors)		Seminar on Urban Management A (Related instructors)		◎Integrated Seminar on Infrastructure Engineering A (Related instructors) Katsura C1-173

◎Class in English, ○held in this year (biennially), □held in next year (biennially)
 ◎■(this year in English, next year in Japanese), ◎●(this year in Japanese, next year in English)
 ※Class in other departments, ★Class in other graduate schools

Class Schedule for the Dept. of Civil and Earth Resources Eng./Urban Management						
Note: The official version is written in Japanese. This is just for your reference.						
2nd semester	Master's Program				Doctoral Program	
	Department of Civil and Earth Resources Engineering		Department of Urban Management		Department of Civil and Earth Resources Engineering	Department of Urban Management
Mon.	1	◎ Integrated Disasters and Resources Management in Watersheds (Fujita, Hiraishi, Yoneyama, Kawaiko, Takebayashi, Tsutsumi, Baba) Katsura C1-172		◎ Integrated Disasters and Resources Management in Watersheds (Fujita, Hiraishi, Yoneyama, Kawaiko, Takebayashi, Tsutsumi, Baba) Katsura C1-172		
	2	◎ Structural Design (Kubota, Takahashi, Matsumura) Katsura C1-173 ★ Theory & Practice of Environmental Design Research (H. Kobayashi) Middle-size Lecture Room in No.5 Bldg. at Yashida	◎ Disaster Prevention through Geotechnics (Iai, Ueda) Katsura C1-117	◎ Structural Design (Kubota, Takahashi, Matsumura) Katsura C1-173 ◎ Disaster Prevention through Geotechnics (Iai, Ueda) Katsura C1-117		
	3	◎ Bridge Engineering (Shirato, Sugiura, Yagi, Matsumura) Katsura C1-172		◎ Bridge Engineering (Shirato, Sugiura, Yagi, Matsumura) Katsura C1-172		
	4	Seismic Simulation Exercise (S.Sawada, Takahashi, Hiroyuki Goto) Katsura C1-192	◎ Computational Fluid Dynamics (Ushijima, Hitoshi Gotoh, Khayyer) Katsura C1-172	Seismic Simulation Exercise (S.Sawada, Takahashi, Hiroyuki Goto) Katsura C1-192	◎ Computational Fluid Dynamics (Ushijima, Hitoshi Gotoh, Khayyer) Katsura C1-172	
	5	Seminar on Infrastructure Engineering A (Related instructors)		Seminar on Urban Management A (Related instructors)		
Tue.	1	Practice in Infrastructure Engineering (Related instructors) Katsura C1-173		Practice in Urban Management (Related instructors) Katsura C1-173		
	2	Concrete Structural Engineering (K.Yamamoto, Takaya, Mizuno) Katsura C1-172	◎ Hydrology (Tachikawa, Ichikawa, Yorozu) Katsura C1-117 (biennial)	Concrete Structural Engineering (K.Yamamoto, Takaya, Mizuno) Katsura C1-172	◎ Hydrology (Tachikawa, Ichikawa, Yorozu) Katsura C1-117 (biennial)	
	3	◎ Hydraulic Engineering for Infrastructure Development and Management (Hosoda, Toda, Hitoshi Gotoh, Tachikawa, Kishida, Ichikawa, E.Harada, Sanjou, Khayyer, S.Kim) Katsura C1-117	Civic and Landscape Design (Kawasaki, Kubota, Yamaguchi, Okabe) Katsura C1-173	◎ Hydraulic Engineering for Infrastructure Development and Management (Hosoda, Toda, Hitoshi Gotoh, Tachikawa, Kishida, Ichikawa, E.Harada, Sanjou, Khayyer, S.Kim) Katsura C1-117	Civic and Landscape Design (Kawasaki, Kubota, Yamaguchi, Okabe) Katsura C1-173	
	4	Design of Underground Structures (T.Asakura, Ishida, Yasuda) Katsura C1-172		Design of Underground Structures (T.Asakura, Ishida, Yasuda) Katsura C1-172		
	5	Seminar on Infrastructure Engineering A (Related instructors)		Seminar on Urban Management A (Related instructors)	◎ Integrated Seminar on Infrastructure Engineering B (Related instructors) Katsura C1-173	◎ Integrated Seminar on Urban Management B (Related instructors) Katsura C1-173
Wed.	1					
	2	◎ □ Energy System Management (Koike) Katsura C1-171 (biennial)		◎ □ Energy System Management (Koike) Katsura C1-171 (biennial)		
	3	◎ Risk Management (Cruz, Yokomatsu) Katsura C1-173		◎ Risk Management (Cruz, Yokomatsu) Katsura C1-173		
	4	◎ ○ Lecture on Exploration Geophysics (Mikada, T.Gotoh) Katsura C1-117 (biennial)		◎ ○ Lecture on Exploration Geophysics (Mikada, T.Gotoh) Katsura C1-117 (biennial)		
	5	Exercise on Project Planning (Related instructors) Katsura C1-192		Exercise on Project Planning (Related instructors) Katsura C1-192		
Thurs.	2	◎ Infrastructural Structure Engineering (Related instructors) Katsura C1-172		◎ Infrastructural Structure Engineering (Related instructors) Katsura C1-172		
	3	Infrastructure Safety Engineering (Sugiyama, Iobe) Katsura C1-172		Infrastructure Safety Engineering (Sugiyama, Iobe) Katsura C1-172		
	4	Seminar on Infrastructure Engineering B (Related instructors)		Capstone Project (Related instructors) Katsura C1-171	ORT on Infrastructure Engineering (Related instructors)	ORT on Urban Management (Related instructors)
	5			Seminar on Urban Management B (Related instructors)		
Fri.	1	Construction of Geotechnical Infrastructures (Kimura, Kishida) Katsura C1-171	Resources Development Systems (Murata) Katsura C1-172	Construction of Geotechnical Infrastructures (Kimura, Kishida) Katsura C1-171	Resources Development Systems (Murata) Katsura C1-172	
	2	◎ Computational Geotechnics (Kimoto, Inui) Katsura C1-172	Intelligent Transportation Systems (Uno, T.Yamada, T.Nakamura) Katsura C1-173	◎ Computational Geotechnics (Kimoto, Inui) Katsura C1-172	Intelligent Transportation Systems (Uno, T.Yamada, T.Nakamura) Katsura C1-173	
	3	Applied Elasticity for Rock Mechanics (Murata) Katsura C1-172		Applied Elasticity for Rock Mechanics (Murata) Katsura C1-172		
	4					
	5	Seminar on Infrastructure Engineering B (Related instructors)		Seminar on Urban Management B (Related instructors)	Practice in Advanced Infrastructure Engineering B (Related instructors) Katsura C1-172	Practice in Advanced Urban Management B (Related instructors) Katsura C1-172

◎ English Class, ○ Biennial (Held this year), □ Biennial (Held next year)

◎ ■ Held every year, but English and Japanese alternately every other year, ◎ ● Held every year, but Japanese and English alternately every other year

※ Subject of other Department, ★ Subject of other Graduate School