

**International Master's Degree Program /
Twinning Program / Double Degree Program / IMLEX Program Class Schedule [Fall Term]**

2022.10~2023.3

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering
Mon.	1		Advanced Electronic Information System 1 (S. Ichikawa, M. Tamura, X. Shao) [C-414] M42630260			
	2		Semiconductor Physics 1 (T. Kawano, K. Takahashi) [C-513] M42630200	Data Science and Analysis 1 (T. Akiba) [A-108] M43630470 (M43610080 IMLEX) Data Science and Analysis 2 (M. Aono) [A-108] M43630500 (M43610090 IMLEX)		
	3	Advanced Characterization in Materials (M.Kobayashi)[D-511] M41630530				
	4	Advanced Mechanical Systems Design I (Supervisor[**]) [Laboratory] M41630210	Electrical Energy Systems 1 (N. Hozumi, H. Takikawa) [C-312] M42630160	[IMLEX only] Japanese Communication Theory (C. Ishikawa) [A-109] M40030110	Advanced Separation Chemistry (Y. Saito) [A-308] M44630310	
	5		Material Science for Electronics 1 (H.Uchida, T. Yatsui, Y. Nakamura, G. Kawamura) [C-413] M42630120			
Tue.	1					
	2	Advanced Aeroacoustics (A.Iida) [D-313] M41630290 Microscale Transport Phenomena (K. Doi) [D-307] M41630500	[DDP only] Advances in Thermal and Fluid Mechanics (Fall: A. Iida) [D-313] (Fall2: K. Doi) [D-307] M41630350	3D Vision Computation 1 (Y. Kanazawa) [A-203] M43630520 3D Vision Computation 2 (Y. Sugaya) [C3-511] M43630530	Applied Physical Chemistry (A. Matsumoto) [B-505] M44630320	
	3		Methodology of R & D 1 (Supervisor) [Laboratory] M42630100	Robotic Perception and Human-Robot Interaction 1 (J. Miura) [A-105] M43630480 Robotic Perception and Human-Robot Interaction 2(N. Ohshima, R. Ohmura) [A-105] M43630490		Advanced Transportation Engineering (K. Matsuo) [D-715] M45630420
	4	Advanced Materials and Manufacturing Process I (Supervisor[**]) [Laboratory] M41630230		Human Sensation and Perception 1 (S. Nakauchi) [A2-101] M43630560 Human Sensation and Perception 2 (K. Koida) [A2-101] M43630570		Finite Element Method for Continua and Bar Structures (S.Nakazawa) [D-816] M45630020
	5					
Wed.	1			Ethics for Researchers M40110020		
	2					Geotechnical Analysis (K. Miura) [D3-206] M45630050
	3					Seismic Design of Structures (T. Saito) [D-805] M45630290
	4	Advanced System, Control and Robotics I (Supervisor[**]) [Laboratory] M41630250		Algorithm Engineering, Advanced (T.Fujito) [C2-404] M43630390		
	5					
Thu.	1		Culture and Communication II (S.Iwauchi) [A-207] M40030040		Principles of Japanese Grammar (J.Ishige) [A-203] M40030090[*]	
	2			X Reality and Psychology 1 (M. Kitazaki) [A1-301] M43630580 X Reality and Psychology 2 (T. Minami) [A1-301] M43630590		
	3				Advanced Molecular Life Science (T. Tanaka) [G-506] M44630120 Advanced Genomics (T. Eki) [G-302] M44630330	
	4					
	5					
Fri.	1	Advanced Energy and Environmental Engineering I (Supervisor[**]) [Laboratory] M41630270				
	2	Robot Kinematics (N. Uchiyama) [D-412] M41630400	[DDP only] Robotics (N. Uchiyama) [D-412] M41630380			
	3					
	4					
	5					
Intensive Course			Japanese Industrial Technologies and Innovations S40030100		Advanced Molecular Design Chemistry 1 (***) M44630430 Advanced Molecular Functional Chemistry 1 (***) M44630450 Advanced Molecular Biological Chemistry 1 (***) M44630470	Advanced Structural System Planning and Design I (***) M45630190 Advanced Environmental System Planning and Design I (***) M45630210 Advanced Regional System Planning and Design I (***) M45630230
		[DDP only] Internship M41610050				
Compulsory seminars	M1	Thesis Research on Mechanical Engineering M41610030	Thesis Research on Electrical and Electronic Information Engineering M42610020	Thesis Research on Computer Science and Engineering M43610030	Thesis Research on Applied Chemistry and Life Science M44610070	Thesis Research on Architecture and Civil Engineering M45610030
	M1	Seminar on Mechanical Engineering I M41610010	Seminar on Electrical and Electronic Information Engineering 1A M42610050	Seminar on Computer Science and Engineering I M43610010	Seminar on Applied Chemistry and Life Science 1 M44610050	Seminar on Architecture and Civil Engineering I M45610010
	M2	Seminar on Mechanical Engineering II M41610020	Seminar on Electrical and Electronic Information Engineering 1B M42610060	Seminar on Computer Science and Engineering II M43610020	Seminar on Applied Chemistry and Life Science 2 M44610060	Seminar on Architecture and Civil Engineering II M45610020
Compulsory seminars for Twinning Program, Double degree Program, IMLEX Program		Thesis Research on Mechanical Engineering [TP, DDP] M4161003T	Thesis Research on Electrical and Electronic Information Engineering M4261002T	Thesis Research on Computer Science and Engineering [TP, DDP] M4361003T	Thesis Research on Applied Chemistry and Life Science M4461007T	Thesis Research on Architecture and Civil Engineering M4561003T
		Seminar on Mechanical Engineering [TP] M41610040	Seminar on Mechanical Engineering I, II [DDP] M41610010, M41610020	Seminar on Electrical and Electronic Information Engineering M42610040	Seminar on Computer Science and Engineering M43610040 [TP, DDP]	Seminar on Applied Chemistry and Life Science M44610080
				Case Study in Imaging and Light and XR M43610060 [IMLEX]		
				Advanced Research Methods M43610070 [IMLEX]		

[*]: Not open to students in the IMLEX program.

[**]: Refer to the course requirement guide book to confirm the faculty member in charge of the subject.

**International Master's Degree Program /
Twinning Program / Double Degree Program / IMLEX Program Class Schedule [Spring Term]**

2023.4~2023.9

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering	
Mon.	1	S1					
		S2					
	2	S1				Theory and Practice of Architectural and Civil Engineer A (Ono) [Undecided] M45610060	
		S2					
	3	S1		Information and Communication Technology 1 (H. Uehara, K. Takeuchi) [C-414] M42630240			
	S2						
	4	S1	Advanced Mechanical Systems Design II (Supervisor[**]) [Laboratory] M41630220		Advanced Reactive Plasma (K. Takashima) [G-504] M44630360		
		S2					
	5	S1					
		S2					
Tue.	1	S1					
		S2					
	2	S1	Applied Mechanics of Materials (T.Adachi) [D-313] M41630030	Electrical Technology and Materials 1 (R. Inada, Y. Murakami, T. Harigai) [C-313] M42630180			
		S2					
	3	S1		Methodology of R & D 2 (Supervisor) [Laboratory] M42630110			
	S2						
	4	S1	Advanced Materials and Manufacturing Process II (Supervisor[**]) [Laboratory] M41630240			Water Environment Engineering (T.Inoue, K. Yokota) [A-203] M45630350	
		S2					
	5	S1			Special Topics in Applied Organic Chemistry (K. Shibatomi) [B-506] M44630100		
		S2					
Wed.	1	S1	Principles of Japanese Conversation (Y. Muramatsu) [A-203] M40030080[*]				
		S2					
	2	S1					
		S2					
	3	S1		Physics for Electronics 1 (A. Matsuda, T. Hattori, R. Kato) [B-306] M42630140	Computational Intelligence in Brain System (K. Murakoshi) [F1-103] M43630540		
	S2						
	4	S1				Building science: Thermal Environment and vernacular architecture (M. Tajima, Y. Shimazaki) [D4-705]M45630440	
		S2		Information Security (K. Suzuki) [F-201] M43630430			
	5	S1					
		S2					
Thu.	1	S1					
		S2					
	2	S1	Precision Mechatronics (K. Sato) [D-412] M41630440	[DDP only] Advances in Systems, Control and Robotics (K. Sato) [D-412] M41630460	LSI Process 1 (K. Sawada, Y. Ishikawa, H. Sekiguchi, T. Noda) [C-613] M42630220		
		S2					
	3	S1				Advanced Biomaterials Engineering (H. Tsuji, R. Tero) [G-606] M44630290	
	S2						
	4	S1	Advanced System, Control and Robotics II (Supervisor[**]) [Laboratory] M41630260				
		S2					
	5	S1	Japanese Life Today (omnibus) [A-106] M40030050				
		S2					
Fri.	1	S1					
		S2					
	2	S1	[DDP only] Advances in Systems, Control and Robotics (N. Uchiyama) [D-412] M41630460			Advanced Supercritical Fluid Engineering (H. Daimon) [G-602] M44630200	
		S2					
	3	S1	Microstructure and Properties of Structural Materials (Y.Todaka) [D-617] M41630430				
	S2						
	4	S1	Advanced Energy and Environmental Engineering II (Supervisor[**]) [Laboratory] M41630280				
		S2					
	5	S1					
		S2					
Intensive Course			[DDP only] Internship M41610050			Advanced Molecular Design Chemistry 2 [**] M44630440	Advanced Structural System Planning and Design II [**] M45630200
						Advanced Molecular Functional Chemistry 2 M44630460	Advanced Environmental System Planning and Design II [**] M45630220
						Advanced Molecular Biological Chemistry 2 [**] M44630480	Advanced Regional System Planning and Design II [**] M45630240
Compulsory seminars	M1	M2	Thesis Research on Mechanical Engineering M41610030	Thesis Research on Electrical and Electronic Information Engineering M42610020	Thesis Research on Computer Science and Engineering M43610030	Thesis Research on Applied Chemistry and Life Science M44610070	Thesis Research on Architecture and Civil Engineering M45610030
	M1		Seminar on Mechanical Engineering I M41610010	Seminar on Electrical and Electronic Information Engineering 1A M42610050	Seminar on Computer Science and Engineering I M43610010	Seminar on Applied Chemistry and Life Science 1 M44610050	Seminar on Architecture and Civil Engineering I M45610010
	M2		Seminar on Mechanical Engineering II M41610020	Seminar on Electrical and Electronic Information Engineering 1B M42610060	Seminar on Computer Science and Engineering II M43610020	Seminar on Applied Chemistry and Life Science 2 M44610060	Seminar on Architecture and Civil Engineering II M45610020
Compulsory seminars for Twinning Program, Double degree Program, IMLEX Program			Thesis Research on Mechanical Engineering M4161003T	Thesis Research on Electrical and Electronic Information Engineering M4261002T	Thesis Research on Computer Science and Engineering [TP, DDP] M4461003T	Thesis Research on Applied Chemistry and Life Science M4461007T	Thesis Research on Architecture and Civil Engineering M4561003T
			Seminar on Mechanical Engineering [TP] M41610040	Seminar on Mechanical Engineering I, II [DDP] M41610010, M41610020	Seminar on Electrical and Electronic Information Engineering M42610040	Seminar on Applied Chemistry and Life Science M44610080	Seminar on Architecture and Civil Engineering M45610040
					Supervised Research in Computer Science and Engineering [IMLEX] M43610100		

[*]: Not open to students in the IMLEX program.

[**]: Refer to the course requirement guide book to confirm the faculty member in charge of the subject.

International Doctoral Degree Program Course Schedule [Fall Term]

[Fall Term]

2022.10~2023.3

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering	
Mon.	1						
	F1 2	Advanced Production Processes (T. Shibata, Y. Abe, M. Nagai) [D-605] D51030020	Advanced Electrical Systems 1 (N. Hozumi, H. Takikawa) [C-205] D52030030	Advanced Data Science and Analysis 1 (T. Akiba) [A-108] D53030380			
	F2			Advanced Data Science and Analysis 2 (M. Aono) [A-108] D53030410			
	D1 3					Advanced Mechanics and Design of Spatial Structure Systems (S. Nakazawa, Y. Matsumoto) [D-817] D55030010	
	D2	Seminar on Interdisciplinary Research [A1-201]					
		D51010050	D52010050	D53010050	D54010050	D55010050 [Global Rotation Program] D55030140	
	4		Advanced Information and Communication Systems 2 (S. Ichikawa, M. Tamura, X. Shao) [C-414] D52030080				
5							
Tue.	F1 2	Advanced Systems and Instrumentation Engineering (N. Uchiyama, K. Takayama, J. Takahashi) [D-610] D51030090	Advanced Microelectronics 2 (T. Kawano, K. Takahashi) [C-613] D52030060	Advanced 3D Vision Computation 1 (Y. Kanazawa) [A-203] D53030430			
	F2			Advanced 3D Vision Computation 2 (Y. Sugaya) [C3-511] D53030440			
	F1 3		Methodology of R & D (Supervisor) [Laboratory] D52030090	Advanced Robotic Perception and Human- Robot Interaction 1 (J. Miura) [A-105] D53030390			
	F2			Advanced Robotic Perception and Human- Robot Interaction 2 (N. Ohshima, R. Ohmura) [A-105] D53030400			
	F1 4			Advanced Human Sensation and Perception 1 (S. Nakauchi) [A2-101] D53030470		Advanced Structural Design (T. Saito, T. Matsui) [D-815] D55030020	
	F2			Advanced Human Sensation and Perception 2 (K. Koida) [A2-101] D53030480			
F1 5							
Wed.	F1 1	D51020010	D52020010	Ethics for Researchers D53020010	D54020010	D55020010	
	F2 2						
	3						
	F1 4			Theoretical Computer Science, Advanced (T. Fujito) [C2-404] D53030290			
	F2 5						
Thu.	1	Advanced Environmental Engineering (H. Yanada, A. Iida, N. Sekishita, H. Yokoyama) [D-313] D51030080				Advanced Water Environmental Engineering (T. Inoue, S. Kato, K. Yokota) [D-811] D55030080	
	F1 2			Advanced X Reality and Psychology 1 (M. Kitazaki) [A1-301] D53030490			
	F2 3			Advanced X Reality and Psychology 2 (T. Minami) [A1-301] D53030500			
	4		Advanced Electronic Materials 2 (A. Matsuda, T. Hattori, R. Kato) [C-205] D52030020				
	5					Advanced Theory in Architectural Design (S. Matsushima, A. Mizutani) [D-707] D55030040	
Fri.	2	Advanced Materials Science (H. Miura, Y. Todaka, M. Kobayashi) [D-508] D51030040			Advanced Chemical Technology (A. Matsumoto, T. Mizushima, T. Oguchi, K. Takashima) [B-505] D54030080	Advanced Geologic Hazard Mitigation Planning (K. Miura, T. Matsuda) [D-806] D55030070	
	3						
	4				Advanced Molecular Function Chemistry 2 (H. Tsuji, Y. Saito, R. Tero) [G-606] D54030070		
	5				Advanced Biotechnology 2 (E. Yoshida, Y. Hirose, S. Yoshida) [B-201] D54030050	Sustainable Urban Planning (J. Asano, H. Ono) [D-708] D55030060	
	DDP	Advanced Seminar on Mechanical Engineering 1 D51010010	Seminar on Electrical and Electronic Information Engineering 2 D52010020	Seminar on Computer Science and Engineering 1 D53010010	Seminar on Applied Chemistry and Life Science 1 D54010080	Seminar on Architecture and Civil Engineering 1 D55010010	
D1					[Global Rotation Program only] Problem-Based Learning Program B D55010100		
D2	Advanced Seminar on Mechanical Engineering 2 D51010020	Seminar on Electrical and Electronic Information Engineering 3 D52010030	Seminar on Computer Science and Engineering 2 D53010020	Seminar on Applied Chemistry and Life Science 2 D54010090	[Global Rotation Program only] Teaching Practice on Global Education D55010120		
DDP			Seminar on Computer Science and Engineering for DDDP D53010030		Seminar on Architecture and Civil Engineering 2 D55010020		

International Doctoral Degree Program Course Schedule [Spring Term]

[Spring Term]

2023.4~2023.9

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering
Mon.	1					
	2	Advanced Mechanical Systems (S. Kawamura, T. Adachi, Y. Takeichi, M. Matsubara) [D-305] D51030010				Theory and Practice of Architectural and Civil Engineer B (Ono) [Undecided] D55010110
	S1					
	3					
	4		Advanced Information and Communication Systems 1 (H. Uehara, K. Takeuchi) [C-414] D52030070			
5					Advanced Building Environmental Engineering and Building Services (M. Tajima, Y Shimazaki) [D-802] D55030030	
Tue.	1				Advanced Molecular Function Chemistry 1 (K. Shibatomi, N. Haraguchi) [B-502] D54030060	
	2	Advanced Manufacturing Processes (S. Yokoyama, T. Yasui) [D-511] D51030030				
	3					Advanced Environmental Control in Biology (T. Tokairin) [G-411] D55030150
	4					
	5					
Wed.	1		Advanced Microelectronics 1 (K. Sawada, Y. Ishikawa, H. Sekiguchi, T. Noda) [C-613] D52030050			
	2		Advanced Electrical Systems 2 (R. Inada, Y. Murakami) [C-205] D52030040			
	3			Advanced Computational Intelligence in Brain System (K. Murakoshi) [F1-103] D53030450		Advanced Transportation Systems and Economics (H. Shibusawa, N.Sugiki, K. Matsuo) [D-709] D55030090
	4		Advanced Electronic Materials 1 (H. Uchida, T. Yatsui, Y. Nakamura, G. Kawamura) [C-205] D52030010	Information Security, Advanced (K. Suzuki) [F-201] D53030330		
	5					
Thu.	1					
	2	Advanced Mechatronics (K. Sato, K. Takagi, S. Sano) [D-511] D51030110			Advanced Ecological Engineering (H. Nakano, H. Daimon) [G-603] D54030030	
	3					
	4					
	5					
Fri.	1					
	2	Advanced Energy Engineering (Y.Nakamura, K. Doi, T. Suzuki, T. Matsuoka) [D-311] D51030070			Advanced Biotechnology 1 (T. Eki, T. Tanaka, A. Nakabachi) [G-505] D54030040	
	3					
	4					
	5					
DDP	D1	Advanced Seminar on Mechanical Engineering 1 D51010010	Seminar on Electrical and Electronic Information Engineering 2 D52010020	Seminar on Computer Science and Engineering 1 D53010010	Seminar on Applied Chemistry and Life Science 1 D54010080	Seminar on Architecture and Civil Engineering 1 D55010010
	D2	Advanced Seminar on Mechanical Engineering 2 D51010020		Seminar on Computer Science and Engineering 2 D53010020	Seminar on Applied Chemistry and Life Science 2 D54010090	Seminar on Architecture and Civil Engineering 2 D55010020
DDP			Seminar on Computer Science and Engineering for DDDP D53010030			