

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

2023.10~2024.3

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering
Mon.	F1		Advanced Electronic Information System 2 (H. Uehara, M. Tamura, X. Shao) [C-614] M42630270			
	F2					
	F1		Semiconductor Physics 2 (T. Kawano, K. Takahashi, K. Yamane, Y. J. Choi) [C-613] M42630210	Data Science and Analysis 1 (T. Akiba) [A-108] M43630470 (M43610080 IMLEX)	Photobiology (Y. Hirose) [G-507] M44630500	
	F2	Micromachining Engineering (T. Shibata) [D-617] M41630040	[DDP only] Advances in Mechanical Design (T. Shibata) [D-617] M41630330	Data Science and Analysis 2 (M.Dall'Arno) [A-108] M43630500 (M43610090 IMLEX)		
	F1					
	F2	Combustion Theory (Y. Nakamura) [D-313] M41630480				
Tue.	F1	Advanced Mechanical Systems Design I (Supervisor(**)) [Laboratory] M41630210	Electrical Energy Systems 2 (H. Takikawa, Y. Murakami) [C-312] M42630170	[IMLEX only] Japanese Communication Theory (C.Ishikawa) [A-109] M40030110		
	F2					
	F1		Material Science for Electronics 2 (H.Uchida, T. Yatsui, Y. Nakamura, G. Kawamura) [C-413] M42630130			
	F2					
	F1			Principles of Japanese Grammar (J.Ishige) [A-303] M40030090 (*)		
	F2					
Wed.	F1			3D Vision Computation 1 (Y. Kanazawa) [A-203] M43630520	Advanced Polymer Chemistry (N. Haraguchi)[B-404] M44630070	
	F2	Modern Control Engineering (K. Takagi) [D-511] M41630490	[DDP only] Advances in Systems, Control and Robotics (K. Takagi) [D-511] M41630460	3D Vision Computation 2 (Y. Sugaya) [A-203] M43630530		
	F1		Methodology of R & D 1 (Supervisor) [Laboratory] M42630100	Robotic Perception and Human-Robot Interaction 1 (J. Miura) [A-105] M43630480		
	F2			Robotic Perception and Human-Robot Interaction 2(N. Ohshima, R. Ohmura) [A-105] M43630490	Advanced Polymer Engineering (E. Yoshida)[A-202] M44630080	
	F1	Advanced Materials and Manufacturing Process I (Supervisor(**)) [Laboratory] M41630230		Human Sensation and Perception 1 (S. Nakauchi) [A2-101] M43630560		Elasticity and Stability (Y. Matsumoto) [D-802] M45630010
	F2			Human Sensation and Perception 2 (K. Koida) [A2-101] M43630570		
Thu.	F1			Ethics for Researchers M4011002a M4011002b M4011002c M4011002d M4011002e		
	F2					
	F1			Networking, Advanced 1 (K. Umemura) [F1-211] M43630240		
	F2			Networking, Advanced 2 (R. Ohmura) [C2-408] M43630250		
	F1	Advanced System, Control and Robotics I (Supervisor(**)) [Laboratory] M41630250				Seismic Design of Structures (T. Saito) [D-805] M45630290
	F2					
Fri.	F1	Advanced Energy and Environmental Engineering I (Supervisor(**)) [Laboratory] M41630270				
	F2					
	F1		[DDP only] Robotics (N. Uchiyama) [D-412] M41630380	X Reality and Psychology 1 (M. Kitazaki) [A1-301] M43630580	Applied Environmental Biology (A. Nakabachi)[G-502] M44630300	Geohazards (T. Matsuda) [D-802] M45630330
	F2			X Reality and Psychology 2 (T. Minami) [A1-301] M43630590		
	F1					Coastal Hydraulics (S. Kato) [D-802] M45630090
	F2					
Intensive Course	Japanese Industrial Technologies and Innovations S40030100					
		[DDP only] Internship M41610050			Advanced Molecular Design Chemistry 1 (***) M44630430	Advanced Structural System Planning and Design I (***) M45630190
		[M-DX only] Data Science Exercise M41610070			Advanced Molecular Functional Chemistry 1 (***) M44630450	Advanced Environmental System Planning and Design I (***) M45630210
		[M-DX only] Advanced Data Science Exercise M41610080			Advanced Molecular Biological Chemistry 1 (***) M44630470	Advanced Regional System Planning and Design I (***) M45630230
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
	M2	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 [TP, DDP] M43610040	Seminar on Applied Chemistry and Life Science M44610080
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 [TP, DDP] M43610040	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]**

2024.4~2024.9

		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 2 (S. Ichikawa, K. Takeuchi, N. Haga) [C-614] M42630250			
	S2						
	4	S1	Advanced Mechanical Systems Design II (Supervisor[**]) [Laboratory] M41630220				
		S2					
	5	S1					
		S2					
Tue.	1	S1				Advanced Urban Planning(J. Asano, Haruka Ono)[Undecided]M45630370	
		S2					
	2	S1	Vibration Engineering (S. Kawamura) [D-313] M41630310	[DDP only] Advances in Mechanical Design (S. Kawamura) [D-313] M41630330	Electrical Technology and Materials 2 (R. Inada,T. Harigai) [C-313] M42630190		Advanced Architectural Design (A. Mizutani) [D4-705] M45630380
		S2				Developmental Neuroscience (S. Yoshida)[CRC-302] M44630110	
	3	S1			Methodology of R & D 2 (Supervisor) [Laboratory] M42630110		
		S2				X-ray Spectroscopy for Catalytic Engineering (T. Mizushima)[B-303] M44630280	
	4	S1	Advanced Materials and Manufacturing Process II (Supervisor[**]) [Laboratory] M41630240			Water Environment Engineering (T.Inoue) [A-203] M45630350	
		S2					
	5	S1		Molecular Simulation 1 (N. Kurita) [F1-103] M43630400			
		S2		Molecular Simulation 2 (H. Goto) [F1-103] M43630410			
Wed.	1	S1	Principles of Japanese Conversation (Y. Muramatsu) [A-302] M40030080 [*]				
		S2					
	2	S1					
		S2					
	3	S1		Physics for Electronics 2 (A. Matsuda, R. Kato) [B-306] M42630150	Computational Intelligence in Brain System (K. Murakoshi) [F1-103] M43630540		
	S2						
	4	S1				Building science: Indoor Air Quality and Ventilation (M. Tajima, Y. Shimazaki) [D4-705]M45630060	
		S2					
	5	S1					
		S2					
Thu.	1	S1				Environment Management (K. Yokota, T.Tokairin [D-813]) M45630450	
		S2					
	2	S1	Advanced Agricultural Engineering (K. Takayama) [D-610] M41630510	[DDP only] Advances in Systems, Control and Robotics (K. Takayama) [D-610] M41630460	LSI Process 2 (K. Sawada, Y. Ishikawa, H. Sekiguchi, T. Noda) [C-613] M42630230	Advanced Reaction Engineering (T. Oguchi)[G-406] M44630180	
		S2				Statistical Machine Learning Theory (K. Watanabe) [A-202] M43630460	
	3	S1				Advanced Molecular and Cellular Bioengineering (H. Kurita) [G-405]M44630520	Seismic Evaluation of Existing Buildings (T. Matsui) [D-807]M45630030
	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	Culture and Communication II (E.Ryan) [A-207] M40030040				
		S2					
	2	S1					Advanced Transportation and Urban Planning (N. Sugiki) [D-715] M45630410
		S2					
	3	S1	Microsystems Engineering (M. Nagai) [D-617] M41630520				
	S2						
	4	S1	Advanced Energy and Environmental Engineering II (Supervisor[**]) [Laboratory] M41630280			Advanced Computational Economics (H. Shibusawa) [D-709] M45630430	
		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		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
	M2		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
	M3		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]

2023.10~2024.3

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering
<b>Mon.</b>	1					
	2	Advanced Production Processes (T. Shibata, Y. Abe, M. Nagai) [D-605] D51030020	Advanced Electrical Systems 1 (H. Takikawa, R. Inada, Y. Murakami) [C-205] D52030030	Advanced Data Science and Analysis 1 (T. Akiba) [A-108] D53030380		
	3			Advanced Data Science and Analysis 2 (M. Dall'Arno) [A-108] D53030410		
	4			Seminar on Interdisciplinary Research [A-114]		
	5	D51010050	D52010050	D53010050	D54010050	D55010050 [Global Rotation Program] D55030140
	6		Advanced Information and Communication Systems 2 (H. Uehara, M. Tamura, X. Shao) [C-614] D52030080			
7						
<b>Tue.</b>	1					
	2	Advanced Systems and Instrumentation Engineering (N. Uchiyama, K. Takayama, J. Takahashi) [D-610] D51030090	Advanced Microelectronics 2 (T. Kawano, K. Takahashi, K. Yamane, Y. J. Choi) [C-613] D52030060	Advanced 3D Vision Computation 1 (Y. Kanazawa) [A-203] D53030430		
	3			Advanced 3D Vision Computation 2 (Y. Sugaya) [A-203] D53030440		
	4		Methodology of R & D (Supervisor) [Laboratory] D52030090	Advanced Robotic Perception and Human-Robot Interaction 1 (J. Miura) [A-105] D53030390		
	5			Advanced Robotic Perception and Human-Robot Interaction 2 (N. Ohshima, R. Ohmura) [A-105] D53030400		
	6			Advanced Human Sensation and Perception 1 (S. Nakauchi) [A2-101] D53030470		Advanced Structural Design (T. Saito, T. Matsui) [D-815] D55030020
7			Advanced Human Sensation and Perception 2 (K. Koida) [A2-101] D53030480			
<b>Wed.</b>	1	D5002001a	D5002001b	Ethics for Researchers D5002001c	D5002001d	D5002001e
	2			Computer Network Engineering 1 (K. Umemura) [F1-211] D53030210		
	3			Computer Network Engineering 2 (R. Ohmura) [C2-408] D53030220		
	4					
	5					
	6					
<b>Thu.</b>	1	Advanced Environmental Engineering (A. Iida, N. Sekishita, H. Yokoyama) [D-313] D51030080				Advanced Water Environmental Engineering (T. Inoue, S. Kato) [D-811] D55030080
	2			Advanced X Reality and Psychology 1 (M. Kitazaki) [A1-301] D53030490		
	3		Advanced Electronic Materials 2 (A. Matsuda, T. Hattori, R. Kato) [C-205] D52030020			
	4					
	5					Advanced Theory in Architectural Design (A. Mizutani) [D-707] D55030040
	6					
<b>Fri.</b>	1					
	2	Advanced Materials Science (H. Miura, Y. Todaka, N. Adachi, Y. Oba) [D-508] D51030040			Advanced Chemical Technology (A. Matsumoto, T. Mizushima, T. Oguchi, K. Takashima) [B-504] D54030080	Advanced Geologic Hazard Mitigation Planning (T. Matsuda) [D-806] D55030070
	3					
	4				Advanced Molecular Function Chemistry 2 (Y. Saito, R. Tero, Y. Arakawa) [G-402] D54030070	
	5				Advanced Biotechnology 2 (E. Yoshida, Y. Hirose, S. Yoshida) [A-202] D54030050	Sustainable Urban Planning (J. Asano, H. Ono) [D-708] D55030060
<b>Sat.</b>	1	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
	2	[M-DX only] Data Science Exercise D51010100				[Global Rotation Program only] Problem-Based Learning Program B D55010100
	3	[M-DX only] Advanced Data Science Exercise D51010110				[Global Rotation Program only] Teaching Practice on Global Education D55010120
	4	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	Seminar on Architecture and Civil Engineering 2 D55010020
	5					[Global Rotation Program only] Japanese Industrial Internship Program D55010080
<b>DDP</b>			Seminar on Computer Science and Engineering for DDDP D53010030			

## International Doctoral Degree Program Course Schedule [Spring Term]

[Spring Term]

2024.4~2024.9

		Mechanical Engineering	Electrical and Electronic Information Engineering	Computer Science and Engineering	Applied Chemistry and Life Science	Architecture and Civil Engineering
<b>Mon.</b>	1					
	2	S1 Advanced Mechanical Systems (S. Kawamura, T. Adachi, Y. Takeichi) [D-305] D51030010	Advanced Electrical Systems 2 (T. Takikawa, R. Inada, Y. Murakami) [C-205] D52030040			Theory and Practice of Architectural and Civil Engineer B (Ono) [Undecided] D55010110
	3					
	4		Advanced Information and Communication Systems 1 (S. Ichikawa, K. Takeuchi, N. Haga) [C-614] D52030070			
	5					Advanced Building Environmental Engineering and Building Services (M. Tajima, Y Shimazaki) [D-802] D55030030
<b>Tue.</b>	1				Advanced Molecular Function Chemistry 1 (K. Shibatomi, N. Haraguchi) [B-404] D54030060	
	2	Advanced Manufacturing Processes (M. Kobayashi, T. Yasui) [D-511] D51030030				Advanced Environment Management (K. Yokota, T. Tokairin) [D-813] D55030160
	3					
	4					
	5			Advanced Molecular Simulation 1 (N. Kurita) [F1-103] D53030300		
S2			Advanced Molecular Simulation 2 (H. Goto) [F1-103] D53030310			
<b>Wed.</b>	1		Advanced Microelectronics 1 (K. Sawada, Y. Ishikawa, H. Sekiguchi, T. Noda) [C-613] D52030050			
	2					
	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			
	5					
<b>Thu.</b>	1					
	2	S1 Advanced Mechatronics (K. Sato, K. Takagi, S. Sano) [D-511] D51030110		Advanced Statistical Machine Learning Theory (K. Watanabe) [A- 202] D53030360	Advanced Ecological Engineering (H. Daimon) [G-602] D54030030	
	3					
	4					
	5					
<b>Fri.</b>	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, H. Kurita) [G-505] D54030040	
	3					
	4					
	5					
<b>D1</b>		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
						[Global Rotation Program only] Teaching Practice on Global Education D55010120
<b>D2</b>		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	Seminar on Architecture and Civil Engineering 2 D55010020
						[Global Rotation Program only] Japanese Industrial Internship Program D55010080
<b>DDP</b>				Seminar on Computer Science and Engineering for DDDP D53010030		