2022(1&2quarter)Class Schedule

The method of the lecture (in person or remote) will be announced separately.

time period	1	2	3	4	5	6
time	8:50～10:20	10:30～12:00	13:00～14:30	14:40～16:10	16:20～17:50	18:00～19:30

2022/3/17

		Mon. 1	Mon. 2	Mon. 3	Mon. 4	Mon. 5	Mon. 6	Tue. 1	Tue. 2	Tue. 3	Tue. 4	Tue. 5	Tue. 6
Shared Subjects (Master only)	1Q April 11 ～ June 10				Advanced Theories of International Relations (Oyama) Remote								
	2Q June 13 ～ August 10												
Practical Subjects	1Q April 11 ～ June 10												
	2Q June 13 ～ August 10												
Department of Biological Functions Engineering / Specialized Subjects	1Q April 11 ～ June 10	Bio-MEMS (Yasuda) Moodle		Mechatronics (Honda) Lecture Room1				Clean Cycle Chemistry based on Microbial Functions (Maeda) Lecture Room1	Exercises on Computational Biomechanics Computer Room1		Micro-Technology (Sasaki) Lecture Room1		
	2Q June 13 ～ August 10	Micro total analysis systems (Kumemura) Lecture Room1		Semiconductor Materials and Devices (Watanabe) Lecture Room1					Exercises on Measurement Control Systems (Pandey and Watanabe) Computer Room1		Functional Biomaterials (Miyazaki) Lecture Room1		
Department of Human Intelligence Systems / Specialized Subjects	1Q April 11 ～ June 10	Fundamentals of Mathematics A (Furukawa) Lecture Room2		Machine Learning 1A (Inoue) Lecture Room2	Mathematical Neurophysiology A (Tateno) Computer Room2	Introduction to Computer Systems (Tamuko and Tanaka) Computer Room2 Lecture Room2	Intelligent Digital Integrated Circuits (Tamuko) Computer Room2	Robot Kinematics (Ishii) Lecture Room2	Practicum in Neural Information Processing (Tateno and Otsubo) Computer Room2 ※1-2Q		Practicum in Intelligent Machine Design (Wada and Yasukawa) Computer Room1		
	2Q June 13 ～ August 10	Fundamentals of Mathematics B (Wagatsuma) Lecture Room2		Machine Learning 1B (Inoue) Lecture Room2	Mathematical Neurophysiology A (Tateno) Computer Room2						AI seminar (Tamuko) Computer Room2		

		Wed. 1	Wed. 2	Wed. 3	Wed. 4	Wed. 5	Wed. 6	Thurs. 1	Thurs. 2	Thurs. 3	Thurs. 4	Thurs. 5	Thurs. 6
Shared Subjects (Master only)	1Q April 11 ～ June 10			Introduction to Human Intelligence Systems Remote						Advanced Environmental Studies (Ota) Remote			
	2Q June 13 ～ August 10			Introduction to Green Innovation Lecture Room1,Remote						Contemporary Philosophy (Nakamura) Seminar room2 Remote			
Practical Subjects	1Q April 11 ～ June 10					Exercises on Advanced Robotics Integration I (Nishida)	Exercises on Advanced Robotics Integration Ⅲ (Nishida)				English Ⅶ C (Fukunaga) English Ⅸ A (Holloway)	English Ⅶ B (Fukunaga) English Ⅸ D (Holloway)	English Ⅸ B (Holloway)
	2Q June 13 ～ August 10										Introductory Japanese1 (Ishikawa) ※1-2Q	Introductory Japanese2 (Ishikawa) ※1-2Q	※1-2Q
Department of Biological Functions Engineering / Specialized Subjects	1Q April 11 ～ June 10	Biofunctional molecular engineering (Ikeno) Lecture Room1											
	2Q June 13 ～ August 10	Clean Cycle Chemistry based on Functional Interface Engineering (Haruyama) Computer Room1						Applied power electronics (Hanamoto) Lecture Room1					
		Biomechanical dynamics (Takashima) Lecture Room1						Bioinfomatics (Ikeno and Kato) Computer Room1					
Department of Human Intelligence Systems / Specialized Subjects	1Q April 11 ～ June 10	Basic Neuroscience (Natsume, Otsubo and Tateno) Lecture Room2							Brain-Inspired Information Processing A (Yoshida) Lecture Room2				
	2Q June 13 ～ August 10	Vision Sensing and Systems Intelligence Engineering (Nakajima,Suwa) Lecture Room2							Brain-Inspired Information Processing B (Ikemoto) Lecture Room2				
								Team Management (Jahng) Room 7510					

		Fri. 1	Fri. 2	Fri. 3	Fri. 4	Fri. 5	Fri. 6
Shared Subjects (Master only)	1Q April 11 ～ June 10						
	2Q June 13 ～ August 10						
Practical Subjects	1Q April 11 ～ June 10						
	2Q June 13 ～ August 10						
Department of Biological Functions Engineering / Specialized Subjects	1Q April 11 ～ June 10	Semiconductor Power Devices (Omura) Computer Room1		Introduction to AI and Robotics (Horio, Ikemoto) Lecture Room 1・2 ※1-2Q	Advanced Electrochemical Technology (Pandey) Lecture Room1		
	2Q June 13 ～ August 10	Biological Recycling (Wakisaka) Computer Room1					
		Biomechanics (Yamada) Lecture Room1					
Department of Human Intelligence Systems / Specialized Subjects	1Q April 11 ～ June 10	Fandamental Machine Learning 2A (Horio) Computer Room2	Basic Engineering (Introduction to Electric Circuits and Mechanics) (Tanaka and Miyamoto) Lecture Room2	Introduction to AI and Robotics (Horio, Ikemoto) Lecture Room 1・2 ※1-2Q	Practicum in Robot Operating System (Tamuko,Tanaka) Computer Room2		
	2Q June 13 ～ August 10		Fandamental Machine Learning 2B (Horio) Computer Room2		Brain-Inspired Learning Theory A (Shibata) Lecture Room2		
		Molecular sensing systems(Otsubo) Lecture Room2					

Master course
Biological Functions and Engineering Reseach *
Biological Functions and Engineering Special Laboratory *
Human Intelligence Systems Research *
Human Intelligence Systems Special Laboratory *
Practical Course
Domestic Internship1/2
Advanced Overseas Study Ⅰ/Ⅱ
Advanced Overseas Internship Ⅰ/Ⅱ
Advanced International Collaborative Learning

* It is not necessary to register with Live Campus.

Doctor course
Special Research *
Practical Course
Domestic Extra-Mural Studies1, 2
International Extra-Mural Studies1, 2

Intensive subject(Summer)	
Common Course	Department of Human Intelligence Systems
Society and Technology(Nakano)	Laboratory Animal Science
Advanced Lectures on the SDGs	Brain Inspired Artificial Intelligence
	Psychophysiology
	Visuomotor Control System
	Measurement of Human Brain Function
	Neuronal mechanism for human sensory transduction
	Brain-Style Self-Organizing System
	Brain dynamics and Neural Information Processing

*Details will be provided separately.

Department of Biological Functions Engineering Areas Color
Environment-friendly Electronic Devices
Human- and Environment-friendly Mechatronics
Medical and Biomechanical Engineering
Bio and Environmentally Adaptive Materials
Environmental Regeneration Systems
Environmental, Chemical and Biological Engineering
Exercise Physiology
Other

Department of Human Intelligence Systems Areas Color
Human Intelligence and Machines
Intelligence Systems and Emergent Design
Human Interaction and Brain Functions
Human Behavioral Sciences
Other

生体機能・人間知能
カーロボAI連携大学院関連科目

2022(3&4quarter)Class Schedule

The method of the lecture (in person or remote) will be announced separately.

time period	1	2	3	4	5	6
time	8:50～10:20	10:30～12:00	13:00～14:30	14:40～16:10	16:20～17:50	18:00～19:30

2022/3/17

Shared Subjects (Master only)

Time period	Mon. 1	2	3	4	5	6	Tue. 1	2	3	4	5	6	Wed. 1	2	3	4	5	6	Thurs. 1	2	3	4	5	6	Fri. 1	2	3	4	5	6
3Q October 3 ～ December 8																														
4Q December9 ～ February15											G2E2 seminar Lecture Room1 (Master course)		Introduction to Life Innovation Remote Class				G2E2 seminar Lecture Room1 (Master course)												Life Science and Systems Engineering Seminar Series Lecture Room1・2 (Master Course)	

Practical Subjects

Time period	Mon. 1	2	3	4	5	6	Tue. 1	2	3	4	5	6	Wed. 1	2	3	4	5	6	Thurs. 1	2	3	4	5	6	Fri. 1	2	3	4	5	6
3Q October 3 ～ December 8				Elective English 2T (Holloway) Remote	Elective English 4T (Holloway) Remote										Exercises on Advanced Robotics Integration II (Nishida)						Exercises on Team Management (Jahng,Ishii)			Elective English 2T (Holloway) Remote	Elective English 4T (Holloway) Remote						
4Q December9 ～ February15					English Technical Writing (Holloway) (Doctor course)	English IXD (Holloway) Lecture Room1																Introductory Japanese1 (Ishikawa/Computer Room1) ※3-4Q	Introductory Japanese2 (Ishikawa/Computer Room1) ※3-4Q English Technical Writing (Holloway) (Doctor	English IXD (Holloway) Lecture Room1								

Department of Biological Functions Engineering — Specialized Subjects

Time period	Mon. 1	2	3	4	5	6	Tue. 1	2	3	4	5	6	Wed. 1	2	3	4	5	6	Thurs. 1	2	3	4	5	6	Fri. 1	2	3	4	5	6
3Q October 3 ～ December 8																					Seminar on semiconductor topics (Kumemura and Watanabe) ※3-4Q										
4Q December9 ～ February15	Harmonic Functional Materials Chemistry (Nakamura) Lecture Room1		Clean Cycle Chemistry based on Photo-functional Materials (Murakami) Lecture Room1						Nano materias and energy conversion (Ma) Lecture Room1 Biofluid Engineering (Tamagawa) Computer Room1		G2E2 seminar Lecture Room1, Remoet Class (Doctor course)		Biopolymers Structure and Functions (Kato) Computer Room1		G2E2 seminar Lecture Room1, Remoet Class (Doctor course)		Collaborative Brainstorming on Clean Cycle Chemistry (Haruyama, Maeda, Murakami) Lecture Room1			Intelligent information processing for automobiles (Natsume, Tateno) Computer Room2					Organic Electronic Materials and Devices (Pandey) Lecture Room1		Life Science and Systems Engineering Seminar Series Lecture Room1・2 (Doctor Course)	

Department of Human Intelligence Systems — Specialized Subjects

Time period	Mon. 1	2	3	4	5	6	Tue. 1	2	3	4	5	6	Wed. 1	2	3	4	5	6	Thurs. 1	2	3	4	5	6	Fri. 1	2	3	4	5	6
3Q October 3 ～ December 8																					Seminar on semiconductor topics (Kumemura and Watanabe) ※3-4Q										
4Q December9 ～ February15			Human Function Substitution System (Wada) Lecture Room2	Brain-Inspired Learning Theory B (Osa) Lecture Room2	Advanced Human Intelligence Systems 1 Lecture Room2		Robot Sensing (Yasukawa) Computer Room2		Intelligent Material Systems (Tanaka) Computer Room2		Advanced Human Intelligence Systems 2 Lecture Room2 G2E2 seminar Lecture Room1, Remoet Class (Doctor course)			Robot Learning Control (Miyamoto) Lecture Room2			G2E2 seminar Lecture Room1, Remoet Class (Doctor course)		Behavioral cognitive psychology (Isogai) Lecture Room2		Intelligent information processing for automobiles (Natsume, Tateno) Computer Room2		Advanced Human Intelligence Systems 3			Biomimetics (Matsuo) Computer Room2		Life Science and Systems Engineering Seminar Series Lecture Room1・2 (Doctor Course)	

Department of Human Intelligence Systems
Specialized Course(3&4quarter)
AAR Seminar(Shibata,Tanaka)
*Held irregularly

Department of Biological Functions Engineering Areas Color
Environment-friendly Electronic Devices
Human- and Environment-friendly Mechatronics
Medical and Biomechanical Engineering
Bio and Environmentally Adaptive Materials
Environmental Regeneration Systems
Environmental, Chemical and Biological Engineering
Exercise Physiology
Other

Department of Human Intelligence Systems Areas Color
Human Intelligence and Machines
Intelligence Systems and Emergent Design
Human Interaction and Brain Functions
Human Behavioral Sciences
Other

生体機能・人間知能
カーロボAI連携大学院関連科目