

Division of Transdisciplinary Science **Schedule for 2024**

<Common for each quarter> Notes

Courses marked with © are offered in different quarters, days, and times.

Select a convenient quarter, day, and time, and register for courses using the corresponding timetable code (the first 5 digits are common, the last 1 digit is individual).

Please refer to the web syllabus for the mode of delivery of each course (face-to-face, distance, etc.).

Students must register for lottery-eligible courses during the lottery period.

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**【Note to JAIST students】** : The following ♦ courses may be available on demand for those who wish to take courses at JAIST (final examinations must be taken in the lecture r

Please contact the Graduate School Affairs Section (s-yugo@adm.kanazawa-u.ac.jp) by the respective deadlines.

♦ For "Human Body: Diseases," please contact the Graduate School Affairs Section (s-yugo@adm.kanazawa-u.ac.jp) by 5:00 p.m. on Friday, April 5.

♦ For "Human Body: Structures a," please contact the Graduate School Affairs Section (s-yugo@adm.kanazawa-u.ac.jp) by 5:00 p.m. on Tuesday, April 9.

As of March 25, 2024

1st Quarter						
	1st period (8:45-10:15)	2nd period (10:30-12:00)	3rd period (13:00-14:30)	4th period (14:45-16:15)	5nd period (16:30-18:00)	6nd period (18:15-19:45)
	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room
Mon	15310 Data Mining a NAMBO, Hidetaka Room108,Natural Science and Technology Main Hall		15318 Advanced Communication Engineering a KASAHARA, Yoshiya Room105,Natural Science and Technology Main Hall		15005 Introduction to Practical Data Analysis and Statistics a 【No courses offered】	15009.1© Innovation Methodology AKITA Junichi etc Large Conference RoomA, Natural Science Lecture Hall
			15516 Advanced solid state physical chemistry 1 a MIZUNO, Motohiro Lecture Room 5,Natural Science and Technology Hall 5	15614 Introduction of Exercise Physiology a MASUDA, Kazumi Room203,Human and Social Science Lecture Hall 2	15320 Fundamentals of Nanoscale Measurements and Control A FUKUMA, Takeshi Room205,Natural Science and Technology Main Hall	
Tue	15509 © Functional Polymer Materials YAMAGISHI, TadaAki etc Room301,Natural Science and Technology Main Hall	15422 Introduction to Discovering Molecular Probes a MISHIRO Kenji etc Room210,Natural Science and Technology Main Hall	15610 Elementary Theories of Transdisciplinary Science on Cognition and Behavior a KOJIMA, Haruyuki Room306, Human and Social Science Lecture Hall 1			15409★♦ Human Body: Diseases HARADA, Kenichi etc Large multi-purpose room, School of Medicine Education Hall (Takaramachi Campus)
					15526 Optical Engineering a IYAMA, Koichi Room103,Natural Science and Technology Main Hall	
Wed	15412 Bioscience of Cancer I a SUZUKI, Takeshi etc Main Conference Room, Nano Life Science Institute 4F	15626 History of Technology and Society TANIGAWA, Ryuichi Room307,Human and Social Science Lecture Hall 1				
	15504 Introduction of Energy and Environmental Program HASEGAWA, Hiroshi etc Room207,Natural Science and Technology Main Hall					
Thu	15418 Introduction to Molecular and Biophysics a SHIBATA, Mikihiro etc Room 404・405, 4th floor, Natural Science and Technology Hall 5				15424 ♦ Human Body: Structures a OZAKI, Noriyuki etc Large multi-purpose room, School of Medicine Education Hall (Takaramachi Campus)	15409★♦ Human Body: Diseases MAEDA, Daichi etc Large multi-purpose room, School of Medicine Education Hall (Takaramachi Campus)
	15508 © Synthetic Chemistry of Polymeric Materials MAEDA, Katsuhiro etc Room301,Natural Science and Technology Main Hall				15620 Introduction to Cultural Resource Studies a ADACHI, Takuro etc Room203,Human and Social Science Lecture Hall 1	15008 Advanced Science and Technology in the Next Generation YONEDA, Takashi Large Conference RoomA, Natural Science Lecture Hall ※In-person only on the 1st session 4/11 (Thu.)

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**1st Quarter**

As of March 25, 2024

Fri		15018.e1 © Mathematical, Data Science, and AI Basic NAKAZAWA, Takashi etc [Face-to-face/EMI ] RoomC5, General Education Lecture Hall		15003 Research Ethics KAKIUCHI, Yasutaka etc Large Conference Room, Natural Science and Technology Library		
Intensive	15018.1 © Mathematical, Data Science, and AI Basic [For Socialite students/On-demand]	15019 ※ Strategy for Business and Technology Management KIWATA Takahiro etc Large Conference RoomA, Natural Science Lecture Hall [7 on-demand, 1 in-person].				

(Course Registration Period)

Class code	Subject title	Instructor	Target grade	Enrollment Period	
19-16702.000	Master Thesis Report I(KU)	SUPERVISOR	2	2nd year Q1	April enrollment students choose one or the other to complete the course.
19-16703.000	Research Project(KU)	SUPERVISOR	2	2nd year Q1	
19-16704.000	Research Planning for Ph.D Course(KU)	SUPERVISOR	2	2nd year Q1	

※ (Replacement subject)

Replacement subject		Course Registration		
Class code	Subject title	Class code	Subject title	Entrance year of eligible students
19-15019	Strategy for Business and Technology Management	19-15011	Management of Technology	~FY2023

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**2nd Quarter**

As of March 25, 2024

	<b>1st period (8:45-10:15)</b>	<b>2nd period (10:30-12:00)</b>	<b>3rd period (13:00-14:30)</b>	<b>4nd period (14:45-16:15)</b>	<b>5nd period (16:30-18:00)</b>	<b>As of March 25, 2024</b>
	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room
<b>Mon</b>	15311 Data Mining b NAMBO, Hidetaka Room108,Natural Science and Technology Main Hall	15408 ♦★ Human Body: Functions MIEDA, Michihiro etc Master's Course Seminar Room,1F, School of Medicine Hall F (Takaramachi Campus)	15319 Advanced Communication Engineering b KASAHARA, Yoshiya Room204,Natural Science and Technology Main Hall		15321 Fundamentals of Nanoscale Measurements and Control B FUKUMA, Takeshi Room205,Natural Science and Technology Main Hall	15009.2© Innovation Methodology AKITA Junichi etc Large Conference RoomA, Natural Science Lecture Hall
			15517 Advanced solid state physical chemistry I b MIZUNO, Motohiro Lecture Room 5, Natural Science and Technology Hall 5	15615 Introduction of Exercise Physiology b MASUDA, Kazumi Room203,Human and Social Science Lecture Hall 2		
<b>Tue</b>	15509 © Functional Polymer Materials YAMAGISHI, TadaAki etc Room301,Natural Science and Technology Main Hall		15611 Elementary Theories of Transdisciplinary Science on Cognition and Behavior b KOJIMA, Haruyuki Room306, Human and Social Science Lecture Hall 1		15527 Optical Engineering b IYAMA, Koichi Room103,Natural Science and Technology Main Hall	
				15629 ★ Applied mathematical behavior models NAKAYAMA Shoichiro 【On-demand】	15629 ★ Applied mathematical behavior models NAKAYAMA Shoichiro 【On-demand】	
<b>Wed</b>	15413 Bioscience of Cancer I b SUZUKI, Takeshi etc Main Conference Room, Nano Life Science Institute 4F	15408 ♦★ Human Body: Functions MIEDA, Michihiro etc Master's Course Seminar Room,1F, School of Medicine Hall F (Takaramachi Campus)			15017.1 © Human and Social Challenges KOBAYASHI Hiroaki etc Room201, Human and Social Science Lecture Hall 1	
	15505 Introduction of Material Program YAMAGISHI, TadaAki etc Room207,Natural Science and Technology Main Hall					
<b>Thu</b>	15419 Introduction to Molecular and Biophysics b SHIBATA, Mikihiro etc Room 404-405, 4th floor , Natural Science and Technology Hall 5				15425 ♦ Human Body: Structures b HORI, Osamu etc Large multi-purpose room, School of Medicine Education Hall (Takaramachi Campus)	15016 Innovation in Healthcare YONEDA Takashi etc Large multi-purpose room, School of Medicine Education Hall (Takaramachi Campus) ※In-person only on the 1st session 6/13 (Thu),2nd and onwards on- demand.
	15508 © Synthetic Chemistry of Polymeric Materials MAEDA, Katsuhiko etc Room301,Natural Science and Technology Main Hall				15621 Introduction to Cultural Resource Studies b ADACHI,Takuro etc Room203,Human and Social Science Lecture Hall 1	

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**2nd Quarter**

As of March 25, 2024

		15018.e2 © Mathematical, Data Science, and AI Basic NAKAZAWA, Takashi etc 【Face-to-face/EMI】 RoomC5, General Education Lecture Hall				
<b>Fri</b>		15528 *Fundamentals of Materials Characterization INOKUMA, Takao Room302, Natural Science and Technology Main Hall				
<b>Intensive</b>	15018.2 © <b>subject of a lottery</b> Mathematical, Data Science, and AI Basic 【On-demand】					

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**3rd Quarter**

As of March 25, 2024

	<b>1st period (8:45-10:15)</b>	<b>2nd period (10:30-12:00)</b>	<b>3rd period (13:00-14:30)</b>	<b>4th period (14:45-16:15)</b>	<b>5th period (16:30-18:00)</b>	<b>6th period (18:15-19:45)</b>
	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room
<b>Mon</b>			15612 Introduction to comparative cognition a TANIUCHI, Tohru Room309,Human and Social Science Lecture Hall 1	15522 Devices Process Engineering a KAWAE, Takeshi Room204,Natural Science and Technology Main Hall		
<b>The</b>		15624 Biomechanical Engineering I a SAKAMOTO, Jiro Room209, Natural Science and Technology Main Hall		15007.3 © Data Science in Society 5.0 HAYASHI Tohru etc Large Conference RoomA, Natural Science Lecture Hall		
		15015.1© Smart Science and Technology for Innovation NISHIYAMA Nobuaki etc Room202,Human and Social Science Lecture Hall 1				
		15618 Clinical Neuropsychology I a MATSUI, Mie Room204 ,Human and Social Science Lecture Hall 1				
<b>Wed</b>	15529 Separation and Purification Technology A Kodama Akio Room103, Natural Science and Technology Main Hall	15518◆Remote(On Demand) Advanced bio-refinery engineering I a NINOMIYA, Kazuaki Remote Lecture Room,Natural Science and Technology Main Hall			15608 Science in Archaeology a KAWAI, Nozomu etc Room205,Human and Social Science Lecture Hall 1	
			15014 MoT as for Disruptive Innovation MATSUSHIMA Daisuke Room E15,General Education Hall 2		15007.1 © Data Science in Society 5.0 HAYASHI Tohru etc Room202, Human and Social Science Lecture Hall 1	
<b>Thu</b>	15003.1 Research Ethics(For October intake) KAKIUCHI, Yasutaka etc Room C2,General Education Lecture Hall					
	15414 Bioscience of Cancer II a HIRAO, Atsushi etc Room418, Cancer Research Institute					

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**3rd Quarter**

As of March 25, 2024

Fri		15416 Introduction to Dynamics of Biomolecules a SHIBATA, Mikihiro etc Nano Life Science Institute 1F meeting room 1		15627 Computer Vision A YONEDA, Keisuke Room102, Natural Science and Technology Main Hall	15622 Intelligent Mobile Robot I a SEKI, Hiroaki etc Room107, Natural Science and Technology Main Hall	
		15506 Ⓢ Advanced study of solar cell technology I TAIMA, Tetsuya etc Room304, Natural Science and Technology Main Hall	15312 Information Processing in Video Systems a IMAMURA, Kousuke Room204, Natural Science and Technology Main Hall			
		15520 Advanced Surface and Interface Engineering I a TOKUDA, Norio Room204, Natural Science and Technology Main Hall				
		15018.e3 © Mathematical, Data Science, and AI Basic NAKAZAWA, Takashi etc 【Face-to-face/EMI】 RoomD5, General Education Lectyre Hall				
		15015.3© Smart Science and Technology for Innovation NISHIYAMA Nobuaki etc Room107, Natural Science and Technology Main Hall				
Intensive	15018.3 © Mathematical, Data Science, and AI Basic 【For Socialite students/On-demand】					

(Course Registration Period)

Class code	Subject title	Instructor	Target grade	Enrollment Period	
19-16702.000	Master Thesis Report I(KU)	SUPERVISOR	2	2nd year Q3	October enrollment students choose one or the other to complete the course.
19-16703.000	Research Project(KU)	SUPERVISOR	2	2nd year Q3	
19-16704.000	Research Planning for Ph.D Course(KU)	SUPERVISOR	2	2nd year Q3	

※ (Replacement subject)

Replacement subject		Course Registration		
Class code	Subject title	Class code	Subject title	Entrance year of eligible students
Registration is not possible due to lack of alternatives.		19-15322	Theory of Artificial Intelligence Software A	~FY2023

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**4th Quarter**

As of March 25, 2024

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	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room	Class code Subject title Instructor Lecture Room
<b>Mon</b>			15613 Introduction to comparative cognition b TANIUCHI, Tohru Room309, Human and Social Science Lecture Hall 1	15523 Devices Process Engineering b KAWAE, Takeshi Room204,Natural Science and Technology Main Hall		
<b>Tue</b>		15423 Introduction to Discovering Molecular Probes b MISHIRO Kenji etc Room305, Natural Science and Technology Main Hall				
		15625 Biomechanical Engineering I b SAKAMOTO, Jiro Room209, Natural Science and Technology Main Hall				
		15619 Clinical Neuropsychology I b MATSUI, Mie				
<b>Wed</b>	15530 Separation and Purification Technology B Kodama Akio Room103, Natural Science and Technology Main Hall	15519 ♦Remote(On Demand) Advanced bio-refinery engineering I b NINOMIYA, Kazuaki Remote Lecture Room,Natural Science and Technology Main Hall			15609 Science in Archaeology b KAWAI, Nozomu etc Room205,Human and Social Science Lecture Hall 1	
<b>Thu</b>	15415 Bioscience of Cancer II b HIRAO, Atsushi etc Room418, Cancer Research Institute					

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**4th Quarter**

As of March 25, 2024

<b>Fri</b>		15417 Introduction to Dynamics of Biomolecules b SHIBATA, Mikihiro etc Nano Life Science Institute 1F meeting room 1		15628 Computer Vision B YONEDA, Keisuke Room102, Natural Science and Technology Main Hall	15623 Intelligent Mobile Robot I b SUGANUMA, Naoki etc Room107, Natural Science and Technology Main Hall	
		15506 Ⓢ Advanced study of solar cell technology I TAIMA, Tetsuya etc Room304, Natural Science and Technology Main Hall	15313 Information Processing in Video Systems b IMAMURA, Kousuke Room204, Natural Science and Technology Main Hall			
		15521 Advanced Surface and Interface Engineering I b MATSUMOTO, Tsubasa Room204, Natural Science and Technology Main Hall				
		15015.2Ⓢ Smart Science and Technology for Innovation NISHIYAMA Nobuaki etc Room B1, General Education Lecture Hall				
<b>Intensive</b>	15007.3Ⓢ Data Science in Society 5.0 HAYASHI Toru etc 【On-demand】	15017.2 Ⓢ Human and Social Challenges KOBAYASHI Hiroaki etc 【On-demand】	15018.4 Ⓢ <b>subject of a lottery</b> Mathematical, Data Science, and AI Basic 【On-demand】			

※ (Replacement subject)

Replacement subject		Course Registration		
Class code	Subject title	Class code	Subject title	Entrance year of eligible students
Registration is not possible due to lack of alternatives.		19-15323	Theory of Artificial Intelligence Software B	~FY2023