

2024 Course List for Short-term Exchange Students (April 2024 - March 2025)

Program	Code	Subject	Sem.	Cr.	Time	Room	Lecture Type	Professor
総合科目 (GENERAL COURSES)	01649	CROSS-CULTURAL UNDERSTANDING 1 - Today's Germany, Today's Japan <i>Conducted in German</i>	Spring	2	Mon. 5	1 2 - 1 0 3	①	YOKOYAMA YOSHIHIRO
	03269	CROSS-CULTURAL UNDERSTANDING 2 - Today's Germany, Today's Japan <i>Conducted in German</i>	Fall	2	Mon. 5	1 2 - 1 0 3	①	YOKOYAMA YOSHIHIRO
	01730	CROSS-CULTURAL UNDERSTANDING 1 - Discussion in French <i>Conducted in French</i>	Spring	2	Wed. 2	1 4 - 2 1 1	①	ONO AYA
	01744	CROSS-CULTURAL UNDERSTANDING 2 - Discussion in French <i>Conducted in French</i>	Fall	2	Wed. 2	1 2 - 2 0 2 D	①	ONO AYA
	09506	SCIENCE, TECHNOLOGY AND CULTURE	Fall	2	Tue. 1	1 2 - 1 0 5	①	MIKAMI KOICHI
日本語 (JAPANESE)	00934	JAPANESE ELEMENTARY CONVERSATION	Fall	1	MITEI	MITEI	①	MITEI
	00619	JAPANESE ELEMENTARY CONVERSATION 2	Fall	1	MITEI	MITEI	①	MITEI
	05644	JAPANESE 1 (A)	Fall	1	MITEI	MITEI	①	MITEI
	02865	JAPANESE 1 (B)	Fall	1	MITEI	MITEI	①	MITEI
	02592	JAPANESE 1 (C)	Spring	1	Wed. 3	1 2 - 2 0 7	①	NINO REINA
	03068	JAPANESE 1 (D)	Spring	1	Wed. 4	1 2 - 2 0 7	①	NINO REINA
	12934	JAPANESE 1 (E)	Fall	1	MITEI	MITEI	①	MITEI
	12949	JAPANESE 1 (F)	Fall	1	MITEI	MITEI	①	MITEI
	03072	JAPANESE 2 (A)	Fall	1	MITEI	MITEI	①	MITEI
	04227	JAPANESE 2 (B)	Spring	1	Wed. 3	1 2 - 2 0 8	①	ITO SEIKO
	05371	JAPANESE 3 (A)	Fall	1	MITEI	MITEI	①	MITEI
	03201	JAPANESE 3 (B)	Spring	1	Wed. 4	1 2 - 2 0 8	①	ITO SEIKO
	05716	JAPANESE 4 (A)	Fall	1	MITEI	MITEI	①	MITEI
03159	JAPANESE 4 (B)	Spring	1	Wed. 4	1 2 - 2 0 2 B	①	ASAYAMA YUKI	
基礎理工学専攻 (FUNDAMENTAL SCIENCE AND TECHNOLOGY)	09821	ADVANCED COURSE OF MOLECULAR DYNAMICS	Fall	2	Mon. 5	1 2 - 2 0 9	②	YASUOKA KENJI
	06064	QUANTUM ELECTRONICS	Spring	2	Tue. 2	1 2 - 1 0 3	③	HAYASE JUNKO
	12456	ADVANCED COURSE ON SPIN AND NANO-SCALED SOLID STATE PHYSICS	Spring Q2*1	2	Mon. 5/Thu. 2	1 2 - 1 0 2	①	KAIJU HIDEO and the others
	02368	INTELLIGENT MACHINE SYSTEM	Fall Q3*1	2	Mon. 1/Mon. 2	1 2 - 2 0 8	③	MURAKAMI TOSHIYUKI
	09525	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue. 1	1 2 - 2 0 6	①	ASAKURA KOICHI
総合デザイン工学専攻 (INTEGRATED DESIGN ENGINEERING)	11450	SPECIAL TOPICS ON ENGINEERING FOR SYNTHESIS AND DESIGN A	Fall (Intensive)	2	*3	-	①	ISSAKOV VADIM
	02611	ULTRAPRECISION MACHINING AND METROLOGY	Fall	2	Mon. 2	1 2 - 1 0 3	①	YAN JIANG
	02626	MEMS: DESIGN AND FABRICATION	Spring	2	Thu. 2	1 2 - 1 0 5	①	MIKI NORIHISA and the others
	01854	MECHANICAL INTERFACE DESIGN	Fall	2	Thu. 3	1 2 - 1 0 5	③	MORITA TOSHIO
	00126	SPACE EXPLORATION ENGINEERING	Fall	2	Fri. 2	1 4 - 2 0 3	①	ISHIGAMI GENYA
	01209	BIOMIMETIC MICRO/NANO ENGINEERING	Spring	2	Mon. 3	1 2 - 1 0 9	③	ONOE HIROAKI and the others
	13213	MECHANICS OF FLEXIBLE MATERIALS AND STRUCTURAL DESIGN	Spring	2	Mon. 5	1 2 - 1 0 8	①	SANO TOMOHIKO
	11392	ADVANCED CONTROL SYSTEMS DESIGN	Spring	2	Mon. 2	1 2 - 1 0 5	①	OHMORI HIROMITSU and the others
	02368	INTELLIGENT MACHINE SYSTEM	Fall Q3*1	2	Mon. 1/Mon. 2	1 2 - 2 0 8	③	MURAKAMI TOSHIYUKI
	07833	APPLIED SYSTEM DESIGN ENGINEERING	Fall	2	Thu. 3	1 4 - 2 0 4	①	BEAUCAMP ANTHONY and the others
	02152	DIGITAL SYNTHESIS OF FORMING PROCESSES	Spring	2	Mon. 5	1 2 - 1 0 5 / 1 4 B 1 0 1	①	OYA TETSUO
	06770	DIGITAL WIRELESS COMMUNICATIONS	Spring	2	Mon. 2	1 4 - 2 1 1	①	SANADA YUKITOSHI
	09984	OPTICAL CONTROL OF QUANTUM SYSTEMS	Spring	2	Wed. 2	1 4 - 2 0 4 / 1 4 - B 1 0 1	①	SAIKI TOSHIHARU and the others
	09305	OPTICAL NETWORK SYSTEM	Fall	2	Fri. 2	1 2 - 1 0 2	①	TSUDA HIROYUKI
	07632	PHOTONIC NANOSTRUCTURE	Fall	2	Thu. 3	1 2 - 1 0 6	①	TANABE TAKASUMI
	00145	ADVANCED SIGNAL PROCESSING	Spring	2	Wed. 1	1 2 - 1 0 6	①	YUKAWA MASAHIRO
	00150	ADVANCED SYSTEM ELECTRONICS	Fall	2	Tue. 2	ONLINE	④	KUBO RYOGO
	11426	LASER PROCESSING	Fall	2	Mon. 3	1 2 - 1 0 1	①	TERAKAWA MITSUHIRO
	11919	COGNITIVE ROBOTICS	Spring	2	Fri. 5	1 2 - 1 0 2	①	MURATA SHINGO
	07795	QUANTUM INTERNET AND QUANTUM INFORMATION THEORY	Fall	2	Thu. 2	1 2 - 2 0 8	①	TAKEOKA MASAHIRO and the others
	13452	NANODEVICE ENGINEERING	Spring	2	Fri. 3	1 2 - 1 0 1	①	TANAKA TAKAHISA
	11464	CHEMICAL SENSORS / BIOSENSORS AND SENSING MATERIALS	Spring	2	Tue. 2	1 2 - 2 0 6	①	CITTERIO DANIEL
	12456	ADVANCED COURSE ON SPIN AND NANO-SCALED SOLID STATE PHYSICS	Spring Q2*1	2	Mon. 5/Thu. 2	1 2 - 1 0 2	①	KAIJU HIDEO and the others
	09525	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue. 1	1 2 - 2 0 6	①	ASAKURA KOICHI
	13577	ADVANCED FLUID MECHANICS	Fall	2	Fri. 4	1 2 - 2 0 9	①	OBI SHINOSUKE
	08791	COMPUTER VISION	Spring	2	Mon. 5	1 4 - 2 0 2	①	SAITO HIDEO
08385	COMPUTER ARCHITECTURE	Spring	2	Thu. 1	1 2 - 2 0 3 / 1 4 - 2 0 3	①	KONDO MASAOKI and the others	
開放環境科学専攻 (SCIENCE FOR OPEN AND ENVIRONMENTAL SYSTEMS)	00968	ENVIRONMENTAL INFORMATION SYSTEM ARCHITECTURE	Fall	2	Wed. 6	-	②	YASUOKA KENJI
	01290	ENVIRONMENTAL TECHNOLOGY AND POLICY	Spring	2	Mon. 4	-	②	YASUOKA KENJI and the others
	07484	PUBLIC SPACE AND COMMUNICATION	Fall	2	Wed. 3	1 4 - 2 0 1	①	INOUE KYOKO
	01577	ADVANCED THEORY OF CONTEMPORARY ARCHITECTURAL DESIGN	Fall	2	Fri. 4	1 2 - 2 0 7	①	SANO SATOSHI
	09525	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue. 1	1 2 - 2 0 6	①	ASAKURA KOICHI
	09582	COMPRESSIBLE FLUID DYNAMICS	Spring Q1*1 (Every other week)	2	Mon. 2/Wed. 1	1 2 - 1 0 2	①	MATSUO AKIKO
	00991	ADVANCED COURSE IN APPLIED AND COMPUTATIONAL MECHANICS 2	Fall	2	Mon. 1	1 4 - 2 0 4	②	ANDO KEITA and the others
	01888	ADVANCED ACTUATOR ENGINEERING	Fall	2	Tue. 2	1 2 - 2 0 2 A	③	TAKEMURA KENJIRO
	09821	ADVANCED COURSE OF MOLECULAR DYNAMICS	Fall	2	Mon. 5	1 2 - 2 0 9	②	YASUOKA KENJI
	02664	FUNDAMENTALS OF TURBULENCE AND ITS THEORY	Spring	2	Fri. 2	1 2 - 2 0 6	③	FUKAGATA KOJI
	13577	ADVANCED FLUID MECHANICS	Fall	2	Fri. 4	1 2 - 2 0 9	①	OBI SHINOSUKE
	00714	FUNDAMENTALS OF MULTIPHASE FLOW	Spring	2	Tue. 3	1 1 - 2 1	②	ANDO KEITA
	09286	FINITE ELEMENT MODELING AND SIMULATION	Fall	2	Tue. 1	1 2 - 2 0 6	②	MURAMATSU MAYU
	12308	MECHANICS AND NUMERICAL SIMULATION OF ADVANCED MATERIALS	Spring	2	Tue. 2	1 1 - 2 1	①	TAKANO NAOKI
	12786	NONLINEAR DYNAMICS	Fall	2	Thu. 5	1 2 - 2 0 6	②	PENG LINYU
	08768	TOPICS IN COMPUTER OPERATING SYSTEMS	Spring	2	Tue. 3	1 2 - 1 0 8	①	KONO KENJI
	08199	ADVANCED COURSE IN DATABASE SYSTEMS	Spring	2	Thu. 5	1 2 - 1 0 9	①	TOYAMA MOTOMICHI and the others
	02430	MICROPROCESSOR ARCHITECTURE	Fall	2	Thu. 3	1 2 - 1 0 3	①	YAMASAKI NOBUYUKI
	08294	FORMAL PROGRAMMING LANGUAGE THEORY	Fall	2	Thu. 4	1 4 - B 1 0 2	①	TAKIMOTO MUNEHIRO

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開放環境科学専攻 (SCIENCE FOR OPEN AND ENVIRONMENTAL SYSTEMS)	08328	ADVANCED COURSE ON NATURAL LANGUAGE PROCESSING	Fall	2	Wed. 2	1 2 - 1 0 8	①	OHARA KYOKO and the others
	03527	DESIGN OF PHYSICALLY GROUNDED COMMUNICATION SYSTEM	Spring	2	Fri. 2	1 2 - 1 0 1	①	IMAI MICHITA
	03182	ADVANCED COURSE ON NETWORK ENGINEERING	Fall	2	Mon. 4	1 2 - 1 0 6	①	TERAOKA FUMIO
	11574	SOFTWARE ENGINEERING: DEVELOPMENT AND TESTING	Spring	2	Tue. 5	1 2 - 1 0 1 / 1 2 - 1 0 2	①	TAKADA SHINGO
	02281	ADVANCED COURSE ON COMPUTER VISUALIZATION	Spring	2	Thu. 4	1 4 - 2 0 1	①	FUJISHIRO ISSEI
	00733	ADVANCED COURSE ON NETWORK SERVICES	Fall	2	Fri. 2	1 2 - 1 0 5	①	KANEKO KUNITAKE
	08351	REAL WORLD INTERACTIVE SYSTEM	Fall	2	Tue. 2	1 4 - 2 0 4	①	SUGIURA YUTA
	08791	COMPUTER VISION	Spring	2	Mon. 5	1 4 - 2 0 2	①	SAITO HIDEO
	08256	ADVANCED COURSE ON DIGITAL COMMUNICATION THEORY	Spring	2	Tue. 2	1 4 - 2 0 4	①	SASASE IWAOKI
	03178	ADVANCED COURSE OF INTERNET BACKBONE ARCHITECTURE	Spring	2	Mon. 2	1 4 - 2 0 4	①	YAMANAKA NAOAKI
	02793	AD HOC AND SENSOR NETWORK	Fall	2	Mon. 3	1 4 - 2 0 1	①	OTSUKI TOMOAKI
	08385	COMPUTER ARCHITECTURE	Spring	2	Thu. 1	1 2 - 2 0 3 / 1 4 - 2 0 3	①	AMANO HIDEHARU and the others
	01027	MIXED REALITY	Spring	2	Mon. 3	1 2 - 2 1 1	①	SUGIMOTO MAKI
	11168	MODELS FOR CONCURRENCY	Spring(Intensive)	2	*5	1 4 - 2 0 1	①	YOSHIDA NOBUKO
	13065	MACHINE INTELLIGENCE	Spring	2	Fri. 4	1 1 - 2 1	①	SUGIURA KOMEI
	13524	ADVANCED VLSI DESIGN EXERCISES	Spring	2	Thu. 3	1 4 - B1 0 3	①	MATSUTANI HIROKI
	08753	DISTRIBUTED SYSTEMS	Fall	2	Fri. 5	1 2 - 1 0 3	①	MATSUTANI HIROKI
	13510	MEDIA COMPUTING	Fall	2	Tue. 3	1 4 - 2 0 4	①	ISOGAWA MARIKO
	07795	QUANTUM INTERNET AND QUANTUM INFORMATION THEORY	Fall	2	Thu. 2	1 2 - 2 0 8	①	TAKEOKA MASAHIRO and the others
	08002	HUMAN-AGENT INTERACTION	Spring	2	Tue. 4	1 2 - 1 0 8	①	OSAWA HIROTAKE
	07962	APPLIED STATISTICAL ANALYSIS	Fall	2	Mon. 2	1 2 - 2 0 9	①	SUZUKI HIDEO
02296	OPERATIONS MANAGEMENT	Spring	2	Mon. 2	1 2 - 1 0 8	③	MATSUKAWA HIROAKI	
02315	OPEN SYSTEMS MANAGEMENT: LECTURE AND LABORATORIES	Fall (Every other week*7)	2	Thu. 4/Thu. 5	1 4 - 2 1 1	①	YAMADA SHU and the others	
08643	ADVANCED TOPICS IN BUSINESS ECONOMICS 2	Fall	2	Fri. 4	1 2 - 1 0 4	①	BANDO KEISUKE	
11976	ADVANCED COURSE ON TOTAL QUALITY MANAGEMENT	Fall	2	Fri. 5	1 2 - 1 0 1	①	YAMADA SHU	

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Faculty of Science and Technology	06382	STABILITY THEORY IN DYNAMICS SYSTEMS/SPECIAL LECTURE IN MATHEMATICAL SCIENCE 1	Fall Q4*1	2	Mon.2	1 2 - 1 0 1	①	PENG LINYU
	11670	SPECIAL LECTURE IN MECHANICAL ENGINEERING	Spring Q1*1	2	Mon.5	1 2 - 1 0 4	①	PENG LINYU
	42098	INTRODUCTION TO FLUID MECHANICS	Fall Q4*1	2	Tue.2	D 4 0 6 *6	①	ANDO KEITA

※Permission of supervisor is required at the time of course registration

*1 Most courses are taught on a semester system, but the courses marked "Q1" "Q2" "Q3" or "Q4" are conducted on a quarter system which divides a semester into two halves.

Spring Q1 courses: April to May

Spring Q2 courses: End of May to July

Fall Q3 courses: September to mid-November

Fall Q4: Mid-November to January

Please confirm page 4-7 of the "Course Guidebook" for Academic Year class schedule.

*2 "INTERNSHIP": Internship term is generally around three weeks or more. Please check the "Course Guidebook" in detail.

*3 "SPECIAL TOPICS ON ENGINEERING FOR SYNTHESIS AND DESIGN A" :

Lecture days are as follows: MITEI (Undecided date) .

*4 "COMPUTER SCIENCE: EXERCISES": This course does not have lectures.

*5 "MODELS FOR CONCURRENCY": This is an intensive course. Lecture days are as follows: Aug.5(1-5period), Aug.6(1-5period), Aug.7(1-4period)

*6 This class is held in Hiyoshi Campus.

*7 "OPEN SYSTEMS MANAGEMENT:LECTURE AND LABORATORIES" : Lecture days are as follows: Oct.10,24 Nov.7,28, Dec.5,19, Jan.9

*8 Short-term exchange students are not allowed to register "General Courses", but "SCIENCE, TECHNOLOGY AND CULTURE" and "CROSS CULTURAL UNDERSTANDING 1/2" are exceptions.

[Type of Classes]

① : Face to Face Classes (conducted mainly in-person)

② : Online Classes (mainly real-time format)

③ : Online Classes (mainly on-demand format)

④ : Online Classes (completely on-demand format)

For more information, please attend the first class and check with the instructor.