

List of Compulsory Course for 2021 Fall Semester for the students enrolled in September

For Master's program

Subject	Registration Code	School	Center	Cr.
INDEPENDENT STUDY	10252	Fundamental Science and Technology	Mathematics	4
	10267		Physics	
	10271		Molecular Chemistry	
	10286		Applied Physics and Physico-Informatics	
	10047		Chemical Biology	
	10051		Biosciences and Informatics	
	09487	Integrated Design Engineering	Multidisciplinary and Design Science	
	09764		System Integration Engineering	
	08658		Electronics and Electrical Engineering	
	10066		Material Design Science	
	09779	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	09783		Science of Environment and Energy	
	01099		Applied and Computational Mechanics	
	09798		Information and Computer Science	
09802	Open Systems Management			
GRADUATE RESEARCH 1	02679	Fundamental Science and Technology	Mathematics	6
	03216		Physics	
	01950		Molecular Chemistry	
	10578		Applied Physics and Physico-Informatics	
	08457		Chemical Biology	
	10339		Biosciences and Informatics	
	10468	Integrated Design Engineering	Multidisciplinary and Design Science	
	02459		System Integration Engineering	
	02717		Electronics and Electrical Engineering	
	10090		Material Design Science	
	10984	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	09946		Science of Environment and Energy	
	01122		Applied and Computational Mechanics	
	11115		Information and Computer Science	
11168	Open Systems Management			

For Ph.D. program

Subject	Registration Code	School	Center	Cr.
GRADUATE RESEARCH 2	02812	Fundamental Science and Technology	Mathematics	6
	03273		Physics	
	02774		Molecular Chemistry	
	10640		Applied Physics and Physico-Informatics	
	08844		Chemical Biology	
	10362		Biosciences and Informatics	
	10491	Integrated Design Engineering	Multidisciplinary and Design Science	
	03087		System Integration Engineering	
	02425		Electronics and Electrical Engineering	
	10123		Material Design Science	
	11010	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	10779		Science of Environment and Energy	
	01486		Applied and Computational Mechanics	
	11149		Information and Computer Science	
04189	Open Systems Management			

Course List for Fall Semester 2021 (September 2021 - March 2022)
International Graduate Programs

Program	Code	Subject	Sem.	Cr.	Time	Room	Lecture Type	Professor	
General Courses	09970	MACROECONOMIC DEVELOPMENTS AND ECONOMIC POLICY IN JAPAN	Fall	2	Wed/2	Online	③	SAITO, JUN	
	09635	SCIENCE, TECHNOLOGY AND CULTURE	Fall	2	Mon/5	Online	③	IMOTO, YUKI	
	09051	TECHNICAL COMMUNICATION 2	Fall	2	Wed/1	Online	③	OHARA, KYOKO	
	03015	TECHNICAL COMMUNICATION 2	Fall	2	Thu/2	Online	③	ISHIDA, MAKO	
Fundamental Science and Technology	02186	INTELLIGENT MACHINE SYSTEM	Fall Q1+1	2	Mon/1,2	12/101	②	MURAKAMI, TOSHIYUKI	
	00881	INTERNSHIP	Fall	2	-	-	-	HOSHINO, KAZUO	
Integrated Design Engineering	00221	ADVANCED SYSTEM ELECTRONICS	Fall	2	Tue/2	online	③	KUBO, RYOGO	
	07943	INTELLIGENT MACHINE SYSTEM	Fall Q1+1	2	Mon/1,2	12/101	②	MURAKAMI, TOSHIYUKI	
	00896	INTERNSHIP	Fall	2	-	-	-	AOYAMA, HIDEKI	
	11627	LASER PROCESSING	Fall	2	Mon/3	11/16	②	TERAKAWA, MITSUHIRO	
	01983	MECHANICAL INTERFACE DESIGN	Fall	2	Thu/3	online	③	MORITA, TOSHIO	
	08131	NANO-ELECTRONICS	Fall	2	Tue/4	Online	③	MATSUHISA, NAOJI	
	09453	OPTICAL NETWORK SYSTEM	Fall	2	Fri/2	online	③	TSUDA, HIROYUKI	
	00202	SPACE EXPLORATION ENGINEERING	Fall	2	Fri/2	14/201	②	ISHIGAMI, GENYA	
	02114	ULTRAPRECISION MACHINING AND METROLOGY	Fall	2	Mon/2	online	③	YAN, JIHWANG	
Science for Open and Environmental Systems	02956	AD HOC AND SENSOR NETWORK	Fall	2	Mon/3	14/201	②	OTSUKI, TOMOAKI	
	02019	ADVANCED ACTUATOR ENGINEERING	Fall	2	Tue/2	online	③	TAKEMURA, KENJIRO	
	11373	ADVANCED COURSE ON APPLICATION OF EXPERIMENTAL DESIGN	Fall	2	Fri/5	12/209	②	YAMADA, SHU	
	00752	ADVANCED COURSE IN APPLIED AND COMPUTATIONAL MECHANICS 2	Fall	2	Mon/1	14/202	②	OGIHARA, NAOMICHI TAKEMURA, KENJIRO MATSUO, AKIKO FUKAGATA, KOJI ANDO, KEITA PENG, LINYU MURAMATSU, MAYU YASUOKA, KENJI	
	09669	ADVANCED COURSE OF MOLECULAR DYNAMICS	Fall	2	Thu/2	online	③	YASUOKA, KENJI	
	08624	ADVANCED COURSE ON NATURAL LANGUAGE PROCESSING	Fall	2	Wed/2	online	③	OHARA, KYOKO SAITO, HIROAKI	
	03350	ADVANCED COURSE ON NETWORK ENGINEERING	Fall	2	Mon/4	12/106	②	TERAKAWA, FUMIO	
	00480	ADVANCED COURSE ON NETWORK SERVICES	Fall	2	Fri/2	12/105	②	KANEKO, KUNITAKE	
	00331	ANALYSIS OF ARCHITECTURAL FORM	Fall	2	Fri/5	Online	③	ALMAZAN CABALLERO, JORGE	
	08294	APPLIED STATISTICAL ANALYSIS	Fall	2	Mon/2	12/209	②	SUZUKI, HIDEO	
	00729	COMPUTER SCIENCE: EXERCISES	Fall	2	*3			TAKADA, SHINGO	
	08969	DISTRIBUTED SYSTEMS	Fall	2	Fri/5	online	③	MATSUTANI, HIROKI MURAMATSU, MAYU TAKANO, NAOKI	
	09449	FINITE ELEMENT MODELING AND SIMULATION	Fall	2	Tue/1	Online	③	TAKADA, SHINGO	
	00532	INTERNSHIP	Fall	2	-	-	-	TAKADA, SHINGO	
	02277	INTRODUCTION TO TURBULENCE MODEL AND ITS APPLICATION	Fall	2	Tue/5	Online	②→③	OBI, SHINNOSUKE	
	02588	MICROPROCESSOR ARCHITECTURE	Fall	2	Thu/3	12/103	①	YAMASAKI, NOBUYUKI	
	08882	MODELING AND ANALYSIS OF STOCHASTIC SYSTEMS	Fall	2	Fri/4	Online	③	MASUDA, YASUSHI	
	13141	NON-LINEAR DYNAMICS	Fall	2	Thu/5	12/206	②	PENG, RINYU	
		01797	OPEN SYSTEMS MANAGEMENT: LECTURE AND EXERCISES	Fall	2	Thu/4,5 *4	14/211	②	IMAI, JUNICHI SUZUKI, HIDEO HIBIKI, NORIO MASUDA, YASUSHI MATSUKAWA, HIROAKI YAMAGUCHI, TAKAHIRA YAMADA, SHU KURIHARA, SATOSHI MATSUURA, SHUN
		01782	OPERATIONS MANAGEMENT	Fall	2	Mon/2	14/203	②	MATSUKAWA, HIROAKI
	07795	PUBLIC SPACE AND COMMUNICATION	Fall	2	Mon/5	12/106	②	INOUE, KYOKO	
	08328	REAL WORLD INTERACTIVE SYSTEM	Fall	2	Tue/2	14/204	②	SUGIURA, YUTA	
Japanese	05568	JAPANESE 1A	Fall	1	Please see the Japanese Class Schedule for the latest information				
	03034	JAPANESE 1B	Fall	1					
	03240	JAPANESE 2A	Fall	1					
	05630	JAPANESE 3A	Fall	1					
	05644	JAPANESE 4A	Fall	1					
	01012	JAPANESE ELEMENTARY CONVERSATION	Fall	1					
	00695	JAPANESE ELEMENTARY CONVERSATION 2	Fall	1					

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

Fall Q1 courses: September to mid-November

Fall Q2: first class day of the courses are as follows: Monday November 15, Tuesday Nov 16, Wednesday Nov 17, Thursday Nov 25, Friday Nov 12, Saturday Nov 13

Please confirm page 6-9 of the "Course Guidebook and Syllabus" for Academic Year class schedule.

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

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

*4 "OPEN SYSTEMS MANAGEMENT: LECTURE AND EXERCISES": Lecture days are as follows: Oct.7 (4th Period only), Oct.14,28, Nov.11,25, Dec.9, Jan.13

[Type of Classes]

① : Classes held in Yagami Campus onsite

② : Classes held online and face-to-face in Yagami Campus (Combination)

③ : Classes held online

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