Course List for Fall Semester 2020 (September 2020 - March 2021)
International Graduate Programs

Program	Code	Subject	Sem.	Cr.	Time	Room	Professor
General Course	09635	SCIENCE,TECHNOLOGY AND CULTURE	Fall	2	Mon/5	-	IMOTO, YUKI
	09051	TECHNICAL COMMUNICATION 2	Fall	2	Wed/1	-	OHARA, KYOKO
	02956	TECHNICAL COMMUNICATION 2	Fall	2	Thu/2	-	DIL, JONATHAN
	09970	MACROECONOMIC DEVELOPMENTS AND ECONOMIC POLICY IN JAPAN	Fall	2	Wed/2	-	SAITO, JUN
Fundamental Science and Technology	00810	INTERNSHIP	Fall	2	-	-	HOSHINO, KAZUO
	02129	INTELLIGENT MACHINE SYSTEM	Fall Q1*1	2	Mon/1, 2	-	MURAKAMI, TOSHIYUKI
Integrated Design Engineering	00824	INTERNSHIP	Fall	2	-	-	AOYAMA, HIDEKI
	00126	SPACE EXPLORATION ENGINEERING	Fall	2	Fri/2	-	ISHIGAMI, GENYA
	02372	ULTRAPRECISION MACHINING AND METROLOGY	Fall	2	Mon/2	-	YAN, JIWANG
	06880	MATHEMATICAL AND PHYSICAL METHODS IN FLUID DYNAMICS	Fall	2	Thu/1	-	SAWADA, TATSUO
	01911	MECHANICAL INTERFACE DESIGN	Fall	2	Thu/3	-	MORITA, TOSHIO
	07943	INTELLIGENT MACHINE SYSTEM	Fall Q1*1	2	Mon/1, 2	-	MURAKAMI, TOSHIYUKI
	00150	ADVANCED SYSTEM ELECTRONICS	Fall	2	Tue/2	-	KUBO, RYOGO
	09783	OPTICAL NETWORK SYSTEM	Fall	2	Fri/2	-	TSUDA, HIROYUKI
	11665	LASER PROCESSING	Fall	2	Mon/3	-	TERAKAWA, MITSUHIRO
Science for Open and Environmental Systems	00456	INTERNSHIP	Fall	2	-	-	TAKADA, SHINGO
	07795	PUBLIC SPACE AND COMMUNICATION	Fall	2	Thu/3	-	INOUE, KYOKO
	01649	ADVANCED COURSE ON SUSTAINABLE ARCHITECTURE AND CITIES	Fall	2	Fri/4	-	RADOVIC, DARKO
	13304	ADVANCED COURSE OF COMPUTATIONAL SOFT MATTER	Fall	2	Fri/5	-	ARAI, NORIYOSHI
	01950	ADVANCED ACTUATOR ENGINEERING	Fall	2	Tue/2	-	TAKEMURA, KENJIRO
	00676	ADVANCED COURSE IN APPLIED AND COMPUTATIONAL MECHANICS 2	Fall	2	Mon/1	-	FUKAGATA, KOJI TAKANO, NAOKI TAKEMURA, KENJIRO YASUOKA, KENJI ANDO, KEITA PENG, LINYU OGIHARA, NAOMICHI
	09669	ADVANCED COURSE OF MOLECULAR DYNAMICS	Fall	2	Thu/2	-	YASUOKA, KENJI
	02918	AD HOC AND SENSOR NETWORK	Fall	2	Mon/3	-	OTSUKI, TOMOAKI
	00729	COMPUTER SCIENCE: EXERCISES	Fall	2	*2		TAKADA, SHINGO
	08624	ADVANCED COURSE ON NATURAL LANGUAGE PROCESSING	Fall	2	Wed/2	-	OHARA, KYOKO SAITO, HIROAKI
	03307	ADVANCED COURSE ON NETWORK ENGINEERING	Fall	2	Mon/4	-	TERAOKA, FUMIO
	00733	ADVANCED COURSE ON NETWORK SERVICES	Fall	2	Fri/2	-	KANEKO, KUNITAKE
	08969	DISTRIBUTED SYSTEMS	Fall	2	Fri/5	-	MATSUTANI, HIROKI
	02516	MICROPROCESSOR ARCHITECTURE	Fall	2	Thu/3	-	YAMASAKI, NOBUYUKI
	08332	APPLIED STATISTICAL ANALYSIS	Fall	2	Mon/2	-	SUZUKI, HIDEO
	02057	OPEN SYSTEMS MANAGEMENT: LECTURE AND EXERCISES	Fall	2	Thu/4,5	-	IMAI, JUNICHI SUZUKI, HIDEO HIBIKI, NORIO MASUDA,YASUSHI MATSUKAWA, HIROAKI YAMAGUCHI, TAKAHIRA YAMADA, SHU KURIHARA, SATOSHI MATSUURA, SHUN
	02042	OPERATION MANAGEMENT	Fall	2	Mon/2	-	MATSUKAWA, HIROAKI
	08882	MODELING AND ANALYSIS OF STOCHASTIC SYSTEMS	Fall	2	Fri/4	-	MASUDA, YASUSHI
	12858	ADVANCED COURSE ON TOTAL QUALITY MANAGEMENT	Fall	2	Fri/5	-	YAMADA, SHU
Japanese	05549	JAPANESE 1A	Fall	1			
	02980	JAPANESE 1B	Fall	1			
	03197	JAPANESE 2A	Fall	1			
	05606	JAPANESE 3A	Fall	1		Please see the Japanese Class Schedule for the latest information	
	05625	JAPANESE 4A	Fall	1			
	00953	JAPANESE ELEMENTARY CONVERSATION	Fall	1			
	00619	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 16, Tuesday Nov 17, Wednesday Nov 18, Thursday Nov 12, Friday Nov 13, Saturday Nov 14

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

Written in Red : These have been updated on Sep.16, 2020 from wrong information to the corrected one.

List of Compulsory Course for 2020 Fall Semester
for the students enrolled in September

For Master's program

Subject	Registration Code	School	Center	Cr.
INDEPENDENT STUDY	10267	Fundamental Science and Technology	Mathematics	4
	10271		Physics	
	10286		Molecular Chemistry	
	10305		Applied Physics and Physico-Informatics	
	10047		Chemical Biology	
	10051		Biosciences and Informatics	
	09817	Integrated Design Engineering	Multidisciplinary and Design Science	
	10085		System Integration Engineering	
	08658		Electronics and Electrical Engineering	
	10066		Material Design Science	
	10090	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	10104		Science of Environment and Energy	
	01357		Applied and Computational Mechanics	
	10119		Information and Computer Science	
	10123		Open Systems Management	
GRADUATE RESEARCH 1	02607	Fundamental Science and Technology	Mathematics	6
	03178		Physics	
	01888		Molecular Chemistry	
	10582		Applied Physics and Physico-Informatics	
	08787		Chemical Biology	
	10343		Biosciences and Informatics	
	10472	Integrated Design Engineering	Multidisciplinary and Design Science	
	02717		System Integration Engineering	
	02650		Electronics and Electrical Engineering	
	10420		Material Design Science	
	11010	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	09946		Science of Environment and Energy	
	01395		Applied and Computational Mechanics	
	11149		Information and Computer Science	
	11191		Open Systems Management	

For Ph.D. program

Subject	Registration Code	School	Center	Cr.
GRADUATE RESEARCH 2	02760	Fundamental Science and Technology	Mathematics	6
	03235		Physics	
	03053		Molecular Chemistry	
	10654		Applied Physics and Physico-Informatics	
	08844		Chemical Biology	
	10377		Biosciences and Informatics	
	10506	Integrated Design Engineering	Multidisciplinary and Design Science	
	03379		System Integration Engineering	
	02683		Electronics and Electrical Engineering	
	10453		Material Design Science	
	11043	Science for Open and Environmental Systems	Space and Environment Design Engineering	
	11115		Science of Environment and Energy	
	01429		Applied and Computational Mechanics	
	11172		Information and Computer Science	
	04136		Open Systems Management	