2017 Course List for Short Term International Students (April 2017 - March 2018)

Program	Code	Subject	Sem.	Cr.	Time	Room	Professor
Fundamental Science and Technology	00528	INTERNSHIP	Spring	2			HATAYAMA, AKIYOSHI
	00585		Fall				
	13070	CHEMISTRY AND DAILY LIFE	Fall	2	Fri/2	12-103	SHING, TONY KUNG MING
		PRACTICAL PRESENTATION IN CHEMISTRY 1	Spring	2			Not offered in 2017
	13031	PRACTICAL PRESENTATION IN CHEMISTRY 2	Fall	2	Fri/4	12-102	SHING, TONY KUNG MING
		TOPICS IN CARBOHYDRATE CHEMISTRY	Spring	2			Not offered in 2017
		SEMINAR ON MODERN ORGANIC CHEMISTRY 1	Spring	2			Not offered in 2017
	13065	SEMINAR ON MODERN ORGANIC CHEMISTRY 2	Fall	2	Wed/2	12-103	SHING, TONY KUNG MING
	13012	TOPICS IN ORGANOCATALYSIS	Fall	2	Mon/2	12-103	SHING, TONY KUNG MING
	08184	ANALYTICAL METHODS IN APPLIED PHYSICS AND INFORMATICS	Spring	2	Mon/5	12-102	HONDA, SATOSHI
	00331	SUPERCONDUCTIVITY AND SOLID STATE ENGINEERING	Spring Q2[*1]	2	Mon/4,5	12-208	KAMIHARA, YOICHI
	12547	PHYSICS AND MODELING OF SEMICONDUCTOR DEVICES	Fall	2	Thu/2	12-103	ITOH, KOHEI / UCHIDA, KEN
	00786	QUANTUM ELECTRONICS	Fall	2	Thu/2	12-105	HAYASE, JUNKO
	00092	MATHEMATICAL ENGINEERING FOR QUANTUM MECHANICS	Spring	2	Thu/4	14-202	YAMAMOTO, NAOKI
		NATURAL PRODUCTS CHEMISTRY	Fall	2			Not offered in 2017
		CONTROL THEORY FOR BIOSYSTEM	Fall	2			Not offered in 2017
		SYSTEM BIOMECHANICS	Spring	2			Not offered in 2017
	02497	INTELLIGENT MACHINE SYSTEM	Fall Q1[*1]	2	Mon/1, 2	12-101	MURAKAMI, TOSHIYUKI
	02501	INFORMATION OPTICS AND OPTICAL MEASUREMENTS	Spring	2	Tue/3	12-102	OKADA, EIJI
	09271	OPTICAL FUNCTIONAL MATERIALS	Spring	2	Tue/3	14-201	KOIKE, YASUHIRO
	10525	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue/1	12-206	ASAKURA, KOICHI
Integrated Design Engineering	00532	INTERNSHIP	Spring	2			AOYAMA, HIDEKI
	00590		Fall				
	00126	SPACE EXPLORATION ENGINEERING	Fall	2	Fri/2	14-201	ISHIGAMI, GENYA
	02277	ULTRAPRECISION MACHINING AND METROLOGY	Spring	2	Mon/2	14-211	YAN, JIWANG
	08696	MATHEMATICAL AND PHYSICAL METHODS IN FLUID DYNAMICS	Fall	2	Thu/1	12-209	SAWADA, TATSUO
	01562	BIOMIMETIC MICRO/NANO ENGINEERING	Spring	2	Mon/3	12-109	ONOE, HIROAKI
	01801	MECHANICAL INTERFACE DESIGN	Fall	2	Thu/3	12-106	MORITA, TOSHIO
	02281	MEMS: DESIGN AND FABRICATION	Spring	2	Thu/2	14-204	MIKI, NORIHISA
	08643	ADVANCED DESIGN AND PRODUCTION SYSTEM	Spring	2	Mon/4	12-104	AOYAMA, HIDEKI / OYA, TETSUO
	12422	ADVANCED CONTROL SYSTEMS DESIGN	Spring	2	Mon/2	12-105	OHMORI, HIROMITSU / NAMERIKAWA, TORU
		SYSTEM BIOMECHANICS	Spring	2			Not offered in 2017
	08658	INTELLIGENT MACHINE SYSTEM	Fall Q1[*1]	2	Mon/1, 2	12-101	MURAKAMI, TOSHIYUKI
	00150	ADVANCED SYSTEM ELECTRONICS	Fall	2	Tue/2	12-105	KUBO, RYOGO
		ADVANCED SIGNAL PROCESSING	Spring	2			Not offered in 2017
	07814	DIGITAL WIRELESS COMMUNICATIONS	Spring	2	Mon/2	14-201	SANADA, YUKITOSHI
	12441	COMPREHENSIVE EXERCISE OF ELECTRONICS AND ELECTRICAL ENGINEER	Spring	2	Mon/4	12-109	YUKAWA, MASAHIRO
	12551	PHYSICS AND MODELING OF SEMICONDUCTOR DEVICES	Fall	2	Thu/2	12-103	ITOH, KOHEI / UCHIDA, KEN
	08715	OPTO-ELECTRONICS	Spring	2	Thu/1	12-208	KANNARI, FUMIHIKO
	08720	INFORMATION OPTICS AND OPTICAL MEASUREMENTS	Spring	2	Tue/3	12-102	OKADA, EIJI
		OPTICAL CONTROL OF QUANTUM SYSTEMS	Spring	2			Not offered in 2017
	10214	OPTICAL NETWORK SYSTEM	Fall	2	Fri/2	12-102	TSUDA, HIROYUKI
	08586	PHOTONIC NANOSTRUCTURE	Spring	2	Fri/4	12-207	TANABE, TAKASUMI
	12475	ORGANIC ELECTORONIC MATERIALS AND DEVICES	Fall	2	Tue/2	12-210	NODA, KEI
	12456	LASER PROCESSING	Fall	2	Mon/3	11-16	TERAKAWA, MITSUHIRO
	12494	CHEMICAL SENSORS / BIOSENSORS AND SENSING MATERIALS	Spring	2	Tue/2	12-206	CITTERIO, DANIEL
	03766	FUNCTIONAL THIN FILM ENGINEERING	Spring	2	Thu/2	14-202	SHIRATORI, SEIMEI
		TECHNICAL ENGLISH FOR INTEGRATED DESIGN AND ENGINEERING	Spring	2			Not offered in 2017
	08677	OPTICAL FUNCTIONAL MATERIALS	Spring	2	Tue/3	14-201	KOIKE, YASUHIRO
	10530	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue/1	12-206	ASAKURA, KOICHI
	09233	INTRODUCTION TO COMPUTATIONAL SOLID MECHANICS	Spring Q1[*1]	2	Mon/2 Thu/3	12-207	OGUNI, KENJI
	09195	COMPUTER ARCHITECTURE	Spring	2	Fri/4	14-203	AMANO, HIDEHARU
	09009	COMPUTER VISION	Spring	2	Mon/5	14-202	SAITO, HIDEO
Science for Open and Environmental Systems	00566	INTERNSHIP	Spring	2			TAKADA, SHINGO
	00604		Fall				
	09248	INTRODUCTION TO COMPUTATIONAL SOLID MECHANICS	Spring Q1[*1]	2	Mon/2 Thu/3	12-207	OGUNI, KENJI
	00274	ANALYSIS OF ARCHITECTURAL FORM	Fall	2	Fri/5	34-321	ALMAZAN CABALLERO, JORGE
		ARCHITECTURAL AND BUILDING DESIGN STUDIO B	Spring	4			Not offered in 2017
		DYNAMICS IN ARCHITECTURAL ENGINEERING	Spring	2			Not offered in 2017
	08112	PUBLIC SPACE AND COMMUNICATION	Fall	2	Thu/3	12-102	INOUE, KYOKO
		ADVANCED COURSE ON SUSTAINABLE ARCHITECTURE AND CITIES	Fall	2			Not offered in 2017
	09090	THERMAL AND REACTIVE FLUID DYNAMICS	Spring	2	Fri/1	12-209	UEDA, TOSHIHISA
	00164	NON-LINEAR DYNAMICS IN CHEMICAL SYSTEM	Spring	2	Tue/1	12-206	ASAKURA, KOICHI
	01840	ADVANCED ACTUATOR ENGINEERING	Fall	2	Tue/2	12-202B	TAKEMURA, KENJIRO

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Science for Open and Environmental Systems	10161	COMPRESSIBLE FLUID DYNAMICS	Spring	2	Mon/2 Wed/1 *2	12-205	MATSUO, AKIKO
	00418	ADVANCED COURSE IN APPLIED AND COMPUTATIONAL MECHANICS 2	Fall	2	Mon/1	14-202	OGIHARA, NAOMICHI OBI, SHINNOSUKE TAKANO, NAOKI FUKAGATA, KOJI YASUOKA, KENJI TAKEMURA, KENJIRO ANDO, KEITA
	00441	FUNDAMENTALS OF MULTIPHASE FLOW	Spring	2	Mon/4	11-23	ANDO, KEITA
	01854	BIOMECHANICS AND CONTROL OF HUMAN MOVEMENTS	Fall	2	Fri/2	12-105	OGIHARA, NAOMICHI
	10544	ADVANCED COURSE OF MOLECULAR DYNAMICS	Fall	2	Tue/3	12-208	YASUOKA, KENJI
	10200	FINITE ELEMENT MODELING AND SIMULATION	Fall	2	Tue/1	12-206	TAKANO, NAOKI
	02320	FUNDAMENTALS OF TURBULENCE AND ITS THEORY	Spring	2	Fri/2	12-206	FUKAGATA, KOJI
	02588	INTRODUCTION TO TURBULENCE MODEL AND ITS APPLICATION	Fall	2	Tue/5	12-209	OBI, SHINNOSUKE
	02831	AD HOC AND SENSOR NETWORK	Fall	2	Mon/3	14-201	OTSUKI, TOMOAKI
	03311	ADVANCED COURSE OF INTERNET BACKBONE ARCHITECTURE	Spring	2	Mon/2	14-204	YAMANAKA, NAOAKI
	08973	TOPICS IN COMPUTER OPERATING SYSTEMS	Spring	2	Tue/3	14-203	KONO, KENJI
	08935	FORMAL PROGRAMMING LANGUAGE THEORY	Spring	2	Mon/3	14-B101	TAKIMOTO, MUNEHIRO
	09176	COMPUTER ARCHITECTURE	Spring	2	Fri/4	14-203	AMANO, HIDEHARU
	01926	ADVANCED COURSE ON COMPUTER VISUALIZATION	Spring	2	Thu/4	14-201	FUJISHIRO, ISSEI
	00456	COMPUTER SCIENCE: EXERCISES	Fall	2	*3		TAKADA, SHINGO
	08992	COMPUTER VISION	Spring	2	Mon/5	14-202	SAITO, HIDEO
		SYSTEMS PERFORMANCE EVALUATION	Fall	2			Not offered in 2017
	08969	ADVANCED COURSE ON NATURAL LANGUAGE PROCESSING	Fall	2	Wed/2	12-106	OHARA, KYOKO SAITO, HIROAKI
	03680	DESIGN OF PHYSICALLY GROUNDED COMMUNICATION SYSTEM	Spring	2	Fri/2	12-101	IMAI, MICHITA
	12623	SOFTWARE ENGINEERING: DEVELOPMENT AND TESTING	Spring	2	Tue/5	12-101	TAKADA, SHINGO
	09104	ADVANCED COURSE ON DIGITAL COMMUNICATION THEORY	Spring	2	Tue/2	14-204	SASASE, IWAO
	09381	ADVANCED COURSE IN DATABASE SYSTEMS	Spring	2	Fri/3	12-104	TOYAMA, MOTOMICHI
	03326	ADVANCED COURSE ON NETWORK ENGINEERING	Spring	2	Mon/4	12-106	TERAOKA, FUMIO
	00475	ADVANCED COURSE ON NETWORK SERVICES	Fall	2	Fri/2	12-106	KANEKO, KUNITAKE
	00509	MIXED REALITY	Spring	2	Mon/3	12-206	SUGIMOTO, MAKI
	09339	DISTRIBUTED SYSTEMS	Fall	2	Fri/5	12-103	MATSUTANI, HIROKI
	12528	MODELS FOR CONCURRENCY	Spring	2	*4	12-207	YOSHIDA, NOBUKO
	03694	MICROPROCESSOR ARCHITECTURE	Fall	2	Thu/3	12-104	YAMASAKI, NOBUYUKI
	12532	ADVANCED COURSE ON APPLICATION OF EXPERIMENTAL DESIGN	Fall	2	Tue/5	12-101	YAMADA, SHU
	09138	APPLIED STATISTICAL ANALYSIS	Fall	2	Mon/2	12-209	SUZUKI, HIDEO
	01950	OPEN SYSTEMS MANAGEMENT: LECTURE AND EXERCISES	Fall	2	Thu/4,5	14-211	IMAI, JUNICHI SAKURAI, AKITO SUZUKI, HIDEO HIBIKI, NORIO MASUDA,YASUSHI MATSUKAWA, HIROAKI MATSUURA, SHUN YAMAGUCHI, TAKAHIRA YAMADA, SHU
	01945	OPERATIONS MANAGEMENT	Spring	2	Mon/2	14-203	MATSUKAWA, HIROAKI
	09252	MODELING AND ANALYSIS OF STOCHASTIC SYSTEMS	Fall	2	Fri/4	14-204	MASUDA, YASUSHI
	02148	ADVANCED FINANCIAL ENGINEERING 1	Spring	2	Tue/3	12-202C	IMAI, JUNICHI
Japanese	05792	JAPANESE 1A	Fall	1			Please see the Japanese Class Schedule for the latest information
	02903	JAPANESE 1B	Fall	1			
	02941	JAPANESE 1C	Spring	1			
	03201	JAPANESE 1D	Spring	1			
	03216	JAPANESE 2A	Fall	1			
	05807	JAPANESE 2B	Spring	1			
	05864	JAPANESE 3A	Fall	1			
	03350	JAPANESE 3B	Spring	1			
	05879	JAPANESE 4A	Fall	1			
	03292	JAPANESE 4B	Spring	1			
	01266	JAPANESE ELEMENTARY CONVERSATION	Fall	1			
	00805	JAPANESE ELEMENTARY CONVERSATION 2	Fall	1			
		INDEPENDENT STUDY FOR EXCHANGE STUDENT A	Spring	2	Your Academic Advisor (Only available for students who have chosen "Research"program)		
		INDEPENDENT STUDY FOR EXCHANGE STUDENT B	Fall	2	Your Academic Advisor (Only available for students who have chosen "Research"program)		

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*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.

Spring Q1courses: April to May

Spring Q2 courses: first class day are as follows: Monday May 29, Tuesday May 30, Wednesday June 7, Thursday June 8, Friday June 9, Saturday June 3

Fall Q1 courses : September to mid-November

Fall Q2: first class day are as follows: Monday November 20, Tuesday Nov 14, Wednesday Nov 15, Thursday Nov 16, Friday Nov 17, Saturday Nov 18

Please confirm page 4-7 of the "Course Guidebook and Syllabus" for class schedule.

*2 "COMPRESSIBLE FLUID DYNAMICS": Lecture days are as follows: April 10, 12, 17, 19, 24, 26 May 1, 8, 10, 15, 17, 22, 24 and 29

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

*4 "MODELS FOR CONCURRENCY": This is an intensive course. Lecture days are as follows: August 1 and 2 period 1 - 5, August 3 period 1 - 4