Department of Pure and Applied Mathematics

	A completion requirements item name and subject	Instructor	Unit	School hour a week				Unit	Necessary	Necessary
Code				1st.(Grade	2nd.Grade		multiplication	lower limit	lower limit
	name			Summer	Fall and Winter	Spring and Summer	Fall and Winter	method	units	units
L	Total			T	Terms		Terms	(1)+(9)	20	
	(1)Core Subjects							$(1)^{+}(2)$ $(1,1)^{+}(1,2)$		
	(1 1)Core Subjects (Required)							$\sum_{i=1}^{n} \frac{1}{2} $	8	
331136	Research on Pure and Applied Mathematics Ia	All Staff	4	12					0	
331137	Research on Pure and Applied Mathematics Ib	All Staff	4	12	12					
001101	(1.2)Core Subjects (Elective)		-					Σ	0	
331121	Pure and Applied Algebra	Takayuki Hibi	2	2				<u>-</u> N	0	
331122	Pure and Applied Geometry	Koichi Yasui	2		2					
331123	Pure and Applied Analysis		2							
331124	Combinatorics	Takayuki Hibi	2	2						
331125	Geometric Structure	Masaaki Wada	$\frac{2}{2}$	2	9					
$\frac{331126}{221127}$	Applied Applysic	Susumu Ariki	$\frac{2}{2}$		2					
331127	Mathematical Science	Susumu Ariki	$\frac{2}{2}$	2						
331129	Computer Assisted Mathematics		2							
331130	Computational Mathematics I	Daisuke Furihata	2	2						
331131	Computational Mathematics II	Tsuyoshi Chawanya	2		2					
331132	Applied Mathematics	Satoshi Murai	2		2				\backslash	
331133	Review on Pure and Applied Mathematics I	(undecided)	2	2					\mathbf{X}	
331134	Review on Pure and Applied Mathematics II	Sataahi Mumai	2		9				\backslash	
331138	Research on Pure and Applied Mathematics IIa	All Staff	4		4	12		1	\backslash	
331139	Research on Pure and Applied Mathematics IIb	All Staff	4			14	12		\backslash	
331140	Frontiers of Pure and Applied Mathematics M(A)		1]	\backslash	
331141	Frontiers of Pure and Applied Mathematics M(B)		1						\backslash	
331142	Frontiers of Pure and Applied Mathematics M(C)		1						,	\mathbf{X}
331143	Frontiers of Pure and Applied Mathematics M(D)		1							\mathbf{i}
331144	Frontiers of Pure and Applied Mathematics M(E)	(Yujiro Kawamata)			2					\backslash
331140	Frontiers of Pure and Applied Mathematics $M(G)$	(Kazuo Akutagawa) (Shigoki Akiyama)	1	9	2					\backslash
331147	Frontiers of Pure and Applied Mathematics M(d)	(Takashi Sano)	1		2					\backslash
331148	Frontiers of Pure and Applied Mathematics M(I)	(Katsuhiro Ota)	1		2					\backslash
331149	Frontiers of Pure and Applied Mathematics M(J)	(Takeshi Ikeda)	1		2					\backslash
	(2)Elective subject							(2,1)+(2,2)+(2,3)	0	
	(2,1)Inter-disciplinary Subjects							Σ	0	
		Staffs of dept. of						\land		
		Information Systems								
331005	Information Technology and Ethics	Engineering Staffs of dopt of	2	2						
	information recinology and Etines	Multimedia	2	2						
		Engineering								
		(Michio Nakanishi)								
331006	English Presentation Skills	Eum Suyong	2	*2	*2					
331014	The Foundation of Intellectual Property (Focusing on	Hidefumi Ace & Other	2		2					
001011	Computer Science)		-		-					
331406	Image Signal Processing	Koji Nakamae	2		2					
		Teruo Higashino							\backslash	
331511	Economics of Information Network	Hirozumi Yamaguchi	2	2					\backslash	
001011		(Keita Arai)		-					\backslash	
		All staff of dent of							\backslash	
331525		All stall of dept. of						1	•	
0010-0	Advanced Introduction to Information Networking	Information	2		2				\backslash	
001020	Advanced Introduction to Information Networking	Information Networking	2		2					
331621	Advanced Introduction to Information Networking	Information Networking Toru Fujiwara	2	9	2					
331621	Advanced Introduction to Information Networking Informartion Security	Information Networking Toru Fujiwara Yasunori Ishihara	2 2	2	2					
331621 331622	Advanced Introduction to Information Networking Informartion Security Content Security	Information Networking Toru Fujiwara Yasunori Ishihara	2 2 2	2	2					\backslash
331621 331622	Advanced Introduction to Information Networking Information Security Content Security	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji	2 2 2	2	2					
331621 331622 331639	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper	2 2 2 2	2	2					
331621 331622 331639	Advanced Introduction to Information Networking Information Security Content Security Studies on International Integrated Sciences	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin	2 2 2 2 2	2	2					
331621 331622 331639 331720	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin	2 2 2 2 2 2	2	2					
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Information Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic	$\begin{array}{c} 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\end{array}$	2	2					
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2 2 2 2	2 2 2 2	2					
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2 2	2 2 2 2	2				0	
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2 2	2 2 2 2	2				0	
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others (2,3)Academic Internship Abroad	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2	2 2 2 2	2			MAX{(2,3,1),(2,3,2)	0	
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others (2,3)Academic Internship Abroad	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2	2 2 2	2			MAX{(2,3,1),(2,3,2)}	0	
331621 331622 331639 331720 331724	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others (2,3)Academic Internship Abroad (2,3,1)S	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering	2 2 2 2 2 2	2 2 2	2			MAX{(2,3,1),(2,3,2)}	0 0	
331621 331622 331639 331720 331724 331724 331025	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others (2,3)Academic Internship Abroad (2,3,1)S Academic Internship Abroad M(S)	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering All Staff	2 2 2 2 2 2 2	2 2 2	2	(※6)		MAX{(2,3,1),(2,3,2)}	0	
331621 331622 331639 331720 331724 331724 331025	Advanced Introduction to Information Networking Informartion Security Content Security Studies on International Integrated Sciences Bio-network Engineering Introduction to Bioinformatic Engineering (2,2)Others (2,3)Academic Internship Abroad (2,3,1)S Academic Internship Abroad M(S) (2,3,2)L	Information Networking Toru Fujiwara Yasunori Ishihara Leibnitz Kenji Ferdinand Peper Siriteanu Constantin All staff of dept. of Bioinformatic Engineering All Staff	2 2 2 2 2 2 2 2	2 2 2 2	2	(**6)		MAX{(2,3,1),(2,3,2)}	0 0 0 0	

Note)

1. Σ = Integrate the total number of credits for subjects with a slant line directly below.

2. MAX= Integrate only one subject with the maximum number of credits.

3. The class with * is held twice a year. However, registration is limited according to the department.

4. The class is not offered this year when the instructor's name field is blank.

5. Requirements for Completion; Students must receive 30 credits or more from this table, and pass a final evaluation of their master's thesis.

6. M1 students can register Academic Internship AbroadM(S),M(L) from "fall and winter terms" through "spring and summer terms".