ATTACHED TABLE 3 (Students admitted in AY 2013)

"Courses concerning subjects in or related to the teaching profession"

Graduate Department of Computer and Information Systems

Types of teaching certificates		Code	Course Name	Credits	Minimum of the necessary credits
Specialized certificate for teaching in junior high school (Mathematics) Specialized certificate for teaching in high school (Mathematics)	Subjects regarding Mathematics	CSC01	Information Security	2	At least 24
		CSC03	Applied Statistics	2	
		CSA02	Generation of Combinatorial Configurations	2	
		CSA06	Computation Models : Term Rewriting Systems	2	
		CSA07	Topics in Numerical and Applied Computation I	2	
		CSA08	Topics in Numerical and Applied Computation II	2	
		CSA09	Computational Complexity Theory	2	
		CSA10	Theory of Automata and Languages	2	
		CSA11	Advanced Analysis	2	
		CSA13	Algebraic Systems and Combinatorics	2	
		CSA18	確率過程論	2	
		SYA07	Modeling of Advanced Devices	2	
		ITC01	Java 2D/3D Graphics	2	
		ITA04	Finite Element Modeling and Visualization	2	
		ITA06	Image Recognition and Understanding	2	
Specialized certificate for teaching in high school (Information)	Subjects regarding Information	CSC04	Quantum Information	2	At least 24
		CSA05	Formal Specifications of Processing	2	
		CSA12	Theory of Genetic Algorithms	2	
		CSA15	Computational Physics and Simulation	2	
		CSA16	Computational Superstring Theory	2	
		SYA01	Application-Specific Highly-Parallel Algorithms/Architectures	2	
		SYA04	Optoelectronics Computer and Communication Devices	2	
		SYA06	Advanced Devices for Computer and Communication Systems	2	
		CNC01	Computer Communications and Networking	2	
		CNC02	Network Management	2	
		CNA01	Advanced Internet Technology and Applications	2	
		CNA02	Multimedia Networking	2	
		CNA04	Performance Evaluation of Network Systems	2	
		CNA05	Distributed Algorithms for Networks	2	
		CNA06	Advanced Internetworking Technologies	2	
		ITA01	Computer Music	2	
		ITA02	Advanced Architectures for Synthetic Worlds	2	
		ITA03	Biomedical Modeling and Visualization	2	
		ITA07	Advanced Signal Processing	2	
		ITA08	Remote Sensing	2	
		ITA10	Spatial Hearing and Virtual 3D Sound	2	
		ITA16	Advanced Database Management Systems	2	
		SEA01	Parallel Distributed & Internet Computing	2	
		SEA02	Distributed Systems: Principles and Paradigms	2	
		SEA04	Declarative Programming	2	
		PMA01	Cloud Computing	2	