Department of Information Science and Technology

Classification		Subject
Basic Level of Information Science and Technology	Mathematics	Calculus I
		Calculus II
		Applied Mathematics
		Linear Algebra I
		Linear Algebra II
		Discrete Mathematics I
		Discrete Mathematics II
		Algebra
		Geometry
		Probability and Statistics I
		Probability and Statistics II
	Computer Systems	Theory of Logical Circuits
		Computer Architecture I
		Computer Architecture II
		Operating System
		Computer Networks
		Databases
		Programming Languages
		Language Processing Systems
	Human-Computer Interaction and Societal Issues	Information Technology and Social Sciences
		Information System and Service in our life
		Social Information Design & Technology
		Software Engineering
		Human Interface
	Computer Literacy and Programming Fundamentals	Computer Literacy
		Media Presentation
		Academic Writing

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Classification		Subject
		Programming I
		Programming II
		Programming III
		Programming IV
		Programming V
	Theories of Information Science and Technology	Numerical Analysis I
		Numerical Analysis II
		Linear and Nonlinear Programming
		Algorithms and Data Structures I
		Algorithms and Data Structures II
		Automata and Formal Languages
		Artificial Intelligence
		Pattern Recognition
		Image Processing
		Digital Signal Processing
		Information Theory
		Coding Theory
		Information Processing in Biological Systems
Advanced Level of Information Science and Technology	Common	Introduction to Information Science and Technology
	Networking and Communication	Network Systems
		Information Security
		Communication Theory
	Data Sciences	Sensing Theory
		Data Science
		Distributed Systems
	Simulation Sciences	Mathematics of Simulation
		System Identification

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Classification		Subject
		Mathematical Modeling and Problem Solving
	Media Informatics	Content Design
		Speech and Acoustic Information Processing
		Computer Graphics
	Artificial intelligence	Natural Language Processing
		Machine Learning
		Computer Vision
	Robotics	Intelligent Robotics
		Robot Motion
		Robot Interaction
Finding and solving problems	PBL	Project Based Learning I
		Project Based Learning II
		Project Based Learning III
	Experiments	Laboratory Experiments in Information Science and Technology I
		Laboratory Experiments in Information Science and Technology II
	Thesis Research	Seminar on Information Science and Technology
		Graduation Thesis Research I
		Graduation Thesis Research II
Study Abroad		Study Abroad