

IIST Course List

Semester	Course	Major	Area
Fall (2018)	Software Project Management	IIST	IIST
	Cyber Ethics and Professional Responsibility	IIST	IIST
	Embedded Software Engineering	IIST	IIST
	Introduction to Bioinformatics	IIST	IIST
	Multimedia Signal Coding Algorithms	IIST	IIST
	Multimedia Information Processing	IIST	IIST
	Cryptography and its Applications	IIST	IIST
	Technical Writing Workshop 1	IIST	IIST
	Technical Presentation Workshop 1	IIST	IIST
	IIST Seminar	IIST	IIST
	Internship	IIST	IIST
	Advanced Ceramic Materials	Major in Applied Chemistry	Major in Applied Chemistry
	Advanced Organic Synthesis	Major in Applied Chemistry	Major in Applied Chemistry
	Advanced Chemical Reaction Engineering	Major in Applied Chemistry	Major in Applied Chemistry
	Separation Engineering for Chemical Process	Major in Applied Chemistry	Major in Applied Chemistry
	Molecular Engineering of Environmental Water	Major in Applied Chemistry	Major in Applied Chemistry
	Communications Network (II)	Major in Applied Informatics	Major in Applied Informatics
	Intelligent Information Processing (II)	Major in Applied Informatics	Major in Applied Informatics
	Signal Processing (I)	Major in Applied Informatics	Major in Applied Informatics
	Signal Processing (II)	Major in Applied Informatics	Major in Applied Informatics
	Neural Information Processing (II)	Major in Applied Informatics	Major in Applied Informatics
	Formal Engineering Technologies for Dependable Software Development	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Software Requirements Analysis and Specification Techniques	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Software Process and Quality Assurance	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Advanced Networking and Computing	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Business Application System Development Using Java	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Software Architecture for Enterprise Systems	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Global CIS Special Lecture 2	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Global CIS Special Lecture 1	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Communicating Sequential Processes for Secure System Development	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Web System Development by Ruby on Rails	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Writing and Presentation for Thesis	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	CIS Global Seminar	Major in Computer and Information Sciences	Major in Computer and Information Sciences
	Information and Communications	Major in Electrical and Electronic Engineering	Major in Electrical and Electronic Engineering
	Circuit Engineering (II)	Major in Electrical and Electronic Engineering	Major in Electrical and Electronic Engineering
	Intelligent control	Major in Electrical and Electronic Engineering	Major in Electrical and Electronic Engineering
	Intelligent System Technology	Major in Electrical and Electronic Engineering	Major in Electrical and Electronic Engineering
	Bioassimilation	Major in Frontier Bioscience	Major in Frontier Bioscience
	Sensor Signal Processing	Major in Systems Engineering and Science	Major in Systems Engineering and Science
	Information Structure I	Major in Systems Engineering and Science	Major in Systems Engineering and Science
	Intelligence Acquisition	Major in Systems Engineering and Science	Major in Systems Engineering and Science
	Selected Topics from Functional Analysis 2	Major in Systems Engineering and Science	Major in Systems Engineering and Science
	Numerical Calculation Methods	Major in Systems Engineering and Science	Major in Systems Engineering and Science
	Discrete Optimization 1	Major in Systems Engineering and Science	Major in Systems Engineering and Science
Spring (2019)	Database Design	IIST	IIST
	Networking Technology	IIST	IIST
	Technical Writing Workshop 2	IIST	IIST
	Digital System Design	IIST	IIST
	Technical Presentation Workshop 2	IIST	IIST
	Machine Learning	IIST	IIST
	Special Lecture on Advanced Integrated Science and Technology 1 (Introduct	IIST	IIST
	Advanced Materials Science	Major in Applied Chemistry	Chemical Physics
	Environmental Science	Major in Applied Chemistry	Environmental Chemistry
	Advanced Molecular Simulation	Major in Applied Chemistry	Chemical Physics
	Advanced Polymer Synthesis	Major in Applied Chemistry	Material Chemistry
	Distributed System (I)	Major in Applied Informatics	Foundation Subject (Information Network Field)
	Discrete Algorithms (I)	Major in Applied Informatics	Foundation Subject (Computer Engineering Field)
	Image Processing (I)	Major in Applied Informatics	Foundation Subject (Information Processing Field)
	Computer System Engineering (I)	Major in Applied Informatics	Foundation Subject (Computer Engineering Field)
	Wireless Network (I)	Major in Applied Informatics	Foundation Subject (Information Network Field)
	Formal Method (I)	Major in Applied Informatics	Foundation Subject (Computer Engineering Field)
	Innovation of Internet	Major in Applied Informatics	Advanced Subject
	Intelligent information processing (I)	Major in Applied Informatics	Foundation Subject (Information Processing Field)
	Applied Signal Processing	Major in Applied Informatics	Advanced Subject
	Web Systems and Technologies	Major in Computer and Information Sciences	Research Field 2
	Technical Writing for Software Engineers	Major in Computer and Information Sciences	Research Field 4
	Global CIS Special Lecture 3	Major in Computer and Information Sciences	Research Field 4
	Global CIS Special Lecture 4	Major in Computer and Information Sciences	Research Field 4
	Parallel and Distributed Systems	Major in Computer and Information Sciences	Research Field 1
	Object Oriented WEB Programming Using Ruby	Major in Computer and Information Sciences	Research Field 4
	Advanced AI	Major in Computer and Information Sciences	Research Field 2
	Solid State Physical Electronics (I)	Major in Electrical and Electronic Engineering	Foundation Subject
	Circuit Engineering (I)	Major in Electrical and Electronic Engineering	Foundation Subject
	Electromagnetic-Wave Transmission Engineering (I)	Major in Electrical and Electronic Engineering	Foundation Subject
	Electromagnetic-Wave Communications (I)	Major in Electrical and Electronic Engineering	Foundation Subject
	Applied Electromagnetics	Major in Electrical and Electronic Engineering	Foundation Subject
	Intelligence Acquisition	Major in Systems Engineering and Science	Advanced Subject (System Control Track)
	Econometrics	Major in Systems Engineering and Science	Foundation Subject (Management Science Track)
	Selected Topics from Functional Analysis 1	Major in Systems Engineering and Science	Foundation Subject (Management Science Track)
	Coding Theory 1	Major in Systems Engineering and Science	Advanced Subject (Management Science Track)
	Finance Theory	Major in Systems Engineering and Science	Foundation Subject (Management Science Track)
	Stochastic Process 1	Major in Systems Engineering and Science	Foundation Subject (Management Science Track)