

GSIS Intensive Course and Compulsory Course List (Academic Year of 2024)

Intensive Course

The following lessons will be intensive lectures for the mentioned major.

The date and time will be announced later in a notice. All the courses in this list are OPTIONAL.

Subject Name	Open Semester	Intended Department	Instructor	Schedule
Introduction to Time Series and Spatial Modeling	Fall	All Department	Shinsuke Koyama	11/12-13(1~5)Online
Computer Science Fundamentals	Fall	All Department	undecided	12/16-20
Information Technology Fundamental	Spring	All Department	Kazunori Yamada Michael Zielewski	6/5.12.19,26 7/3.10.17
Mathematical Structures, Special Lecture	Fall	Computer and Mathematical Sciences, System Information Sciences	Shouji Yamaguchi	7/8-7/12
Mathematical System Analysis, Special Lecture	Spring	Computer and Mathematical Sciences, System Information Sciences	Garrigue Jacques	6/3-6/7
English Presentation	Spring	All Department	Steven John Bretherick	9/20-9/27
Hands-on introduction to cyber attacks and their countermeasures	Spring	All Department	Satoru Izumi Hiroshi Tsunoda KEENI Glenn Mansfield	9/14-15
Tough Cyberphysical AI	Spring	All Department	Kazutoshi Ohno	8/5-8/9
Internet and Information Security	Fall	All Department	KEENI Glenn Mansfield	2/6.7.10.12.13
Data Engineering (WEB course registration)	Spring	All Department	Kazunori Yamada BALADRAM M. SAMY	5/7.10.14.17.21
Data Science Training I (WEB course registration)	Spring	All Department	Kazunori Yamada BALADRAM M. SAMY	5/24.31.6/7.14.21.27.7/5.12
Data Science Training II (WEB course registration)	Spring	All Department	Kazunori Yamada	5/28.6/4.11.18.25.7/2.9.16.23
Data Science Programming Basics (WEB course registration)	Spring	All Department	Kazunori Yamada BALADRAM M. SAMY	4/16.19.23.26.30

◎ Courses marked with * are "Common fundamental subject". ◎ Courses written in red will be "every other year".

Compulsory Course

The following lessons will be conducted in respective course / laboratory. The lessons in this list are SELECTABLE COMPULSORY.

Subject Name	Open Semester	Intended Department	Instructor	Remarks
Seminar on Mathematical Structures	_____	Computer and Mathematical Sciences		
Seminar on Computer and Information Sciences	_____			
Advanced Seminar on Mathematical Structures A	_____			
Advanced Seminar on Mathematical Structures B	_____			
Advanced Seminar on Computer and Information Science A	_____			
Advanced Seminar on Computer and Information Science B	_____			
Seminar on Mathematical System Analysis	_____	System Information Science		
Seminar on System Information Sciences	_____			
Advanced Seminar on Mathematical System Analysis A	_____			
Advanced Seminar on Mathematical System Analysis B	_____			
Advanced Seminar on System Information Sciences A	_____			
Advanced Seminar on System Information Sciences B	_____	Human-Social Information Sciences		
Seminar on Human-Social Information Sciences I - III	_____			
Advanced Seminar on Human-Social Information Sciences A I - III	_____			
Advanced Seminar on Human-Social Information Sciences B I - III	_____			
Seminar on Information Literacy and Education Design	_____			
Advanced Seminar on Information Literacy and Education Design A	_____	Human-Social Information Sciences (LitNEX Course)		
Advanced Seminar on Information Literacy and Education Design B	_____			
Project Study on Information Literacy and Education Design	_____			
Seminar on Applied Information Sciences I • II	_____	Applied Information Sciences		
Advanced Seminar on Applied Information Sciences A I - II	_____			
Advanced Seminar on Applied Information Sciences B I - II	_____			
Advanced Computer Training *	_____			
Innovation Oriented Seminar (on Mechanical Engineering) *	_____	Computer and Mathematical Sciences, System Information Sciences, Applied Information Sciences		

* These courses are OPTIONAL.