

# GSIS Intensive Course and Compulsory Course List (Academic Year of 2022)

## 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
Interdisciplinary Information Sciences *	Fall	All Department	Hiroyuki Fukuda	TAB
Statistical Systems Analysis for Complex Systems	Fall	All Department	Shinsuke Koyama	11/8-11/9
Computer Science Fundamentals	Fall	All Department	山田 和範 Ai-Chun Pang	TAB
Information Technology Fundamental	Spring	All Department	山田 和範 Chardsak Kingkan	7/1.8.15.22.29
Mathematical Structures, Special Lecture	Fall	Computer and Mathematical Sciences, System Information Sciences	Masanori Sawa	TAB
Mathematical System Analysis, Special Lecture	Spring	Computer and Mathematical Sciences, System Information Sciences	Satoshi Masaki	7/19-7/22
English Presentation	Spring	All Department	Steven John Bretherick	9/26-9/30
Data Science Training Camp I	Spring & Fall	All Department	Kazunori Yamada BALADRAM M. SAMY	Spring : 5/17.20.24.27.31 (5-6th Period) Fall : TAB
Data Science Training Camp II	Spring & Fall	All Department	Kazunori Yamada BALADRAM M. SAMY	Spring : 6/7.10.14.21.28 7/5.12.19.26.8/2 (5-6th Period) Fall::TAB
Big Data Skill Up Training	Spring & Fall	All Department	Kazunori Yamada BALADRAM M. SAMY	Spring : 4/19.22.26.5/10.13 (5-6th Period) Fall : TAB
Practical English for Data Science	Spring & Fall	All Department	Kazunori Yamada Junyue Wu	6/2.9.16.30 7/7.14.21.8/4

◎ 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	_____		_____	_____
Seminar on Human-Social Information Sciences I - III	_____	Human-Social Information Sciences	_____	_____
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	_____	Human-Social Information Sciences (LITNEX Course)	_____	_____
Advanced Seminar on Information Literacy and Education Design A	_____		_____	_____
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.