

Graduate School of Information Sciences  
Academic Year of 2020  
Intensive Course and Compulsory Subject Table  
(For All Departments)

1. Intensive course

(as of 21/4/2020)

The following lessons will be intensive lectures for the mentioned major. The date and time will be announced later in a notice.

Subject	Period	Intended department	Instructor	Lecture classification	Remarks
statistical Systems Analysis for Complex Systems	Fall semester	All department	Shinsuke Koyama	Elective	
Computer Science Fundamentals	Fall semester	All department	TBA	Elective	
Information Technology Fundamental	Fall semester	All department	TBA	Elective	
Mathematical Structures Special Lecture	Spring semester	Computer and Mathematical Sciences, System Information Sciences	Koya Shimokawa	Elective	Scheduled on Sept 14 - Sept 18
Mathematical System Analysis Special Lecture	Spring semester	Computer and Mathematical Sciences, System Information Sciences	Manabu Ohura	Elective	
English Presentation Intensive	Spring semester	All department	Steven John Bretherick	Elective	Scheduled on Sept 23 - Sept 30
Network Security Practicals	Spring semester	Computer and Mathematical Sciences, System Information Sciences, Applied Information Sciences	KEENI Glenn Mansfield・Tsunoda	Elective	
Data Science Training Camp I	Academic year	All department	Yamada Kazunori・Baladram Mohammad Samy	Elective	
Data Science Training Camp II	Academic year	All department	Yamada Kazunori・Baladram Mohammad Samy	Elective	
Big Data Skill-up Training	Academic year	All department	Yamada Kazunori・Baladram Mohammad Samy	Elective	
Practical English for Data Science	Fall semester	All department	Yamada Kazunori・Baladram Mohammad Samy	Elective	

2. Compulsory subject

The following lessons will be conducted in respective course (laboratory).

Subject	Period	Intended department	Instructor	Lecture classification	Remarks
Seminar on Mathematical Structures	—	Computer and Mathematical Sciences		Selectable compulsory	
Seminar on Computer and Information Sciences	—	Computer and Mathematical Sciences		Selectable compulsory	
Advanced Seminar on Mathematical Structures A	—	Computer and Mathematical Sciences		Selectable compulsory	
Advanced Seminar on Mathematical Structures B	—	Computer and Mathematical Sciences		Selectable compulsory	
Advanced Seminar on Computer and Information Sciences A	—	Computer and Mathematical Sciences		Selectable compulsory	
Advanced Seminar on Computer and Information Sciences B	—	Computer and Mathematical Sciences		Selectable compulsory	
Seminar on Mathematical System Analysis	—	System Information Sciences		Selectable compulsory	
Seminar on System Information Sciences	—	System Information Sciences		Selectable compulsory	
Advanced Seminar on Mathematical System Analysis A	—	System Information Sciences		Selectable compulsory	
Advanced Seminar on Mathematical System Analysis B	—	System Information Sciences		Selectable compulsory	
Advanced Seminar on System Information Sciences A	—	System Information Sciences		Selectable compulsory	
Advanced Seminar on System Information Sciences B	—	System Information Sciences		Selectable compulsory	
Seminar on Human-Social Information Sciences I~III	—	Human-Social Information Sciences		Selectable compulsory	
Advanced Seminar on Human-Social Information Sciences A I~AIII	—	Human-Social Information Sciences		Selectable compulsory	
Advanced Seminar on Human-Social Information Sciences B I~III	—	Human-Social Information Sciences		Selectable compulsory	
Seminar on Information Literacy and Education Design	—	Human-Social Information Sciences (LitNEX Course)		Selectable compulsory	
Advanced Seminar on Information Literacy and Education Design A	—	Human-Social Information Sciences (LitNEX Course)		Selectable compulsory	
Advanced Seminar on Information Literacy and Education Design B	—	Human-Social Information Sciences (LitNEX Course)		Selectable compulsory	
Project Study on Information Literacy and Education Design	—	Human-Social Information Sciences (LitNEX Course)		Selectable compulsory	
Seminar on Applied Information Sciences I・II	—	Applied Information Sciences		Selectable compulsory	
Advanced Seminar on Applied Information Sciences AI・II	—	Applied Information Sciences		Selectable compulsory	
Advanced Seminar on Applied Information Sciences BI・II	—	Applied Information Sciences		Selectable compulsory	
Advanced Computer Training	—	Applied Information Sciences		Elective	
Innovation Oriented Seminar on Mechanical Engineering	—	Computer and Mathematical Sciences, System Information Sciences, Applied Information Sciences		Elective	