

Syllabus

데이터 처리 언어 (Computer Programming for Data Processing)

Professor	Name	Ahn Soohyun	Course	Major	Department	Mathematics
	Position	Professor			Major	Data Science
	Department	Mathematics				

1. Overview of the Subject

The data processing language curriculum plans to cover R programming for statistical data analysis and latex for thesis writing.

2. Overview of Teaching Method

*Lecture-based and programming practice
Lecture and practice using R and latex

*Plan to mix face-to-face and online classes but can be changed depending on COVID-19.

3. Grading

Final report 40% (it could contain presentation)
Homework 30%
Attendance 30%

4. Textbooks and References

	Textbook	Author	Publisher	Year
Others	lecture note			

5. Class Plan

Week	Content	Method	Note
1	Introduction	lecture	Live (Zoom)
2	R introduction	lecture	Live
3	R: Basic	lecture	Live
4	R: Programming	lecture	Live
5	R: Function	lecture	Live
6	R: Visualization	lecture	Live
7	R: Summary	lecture	Live or face-to-face
8	R: Practice (paper)	Presentation	Face-to-face (can be changed depending on COVID-19)
9	Latex introduction	lecture	Live
10	Latex: Basic	lecture	Live
11	Latex: Equation	lecture	Live
12	Latex: Table and Figure	lecture	Live
13	Latex: Writing report	lecture	Live
14	Latex: bibtex	lecture	Live
15	Latex: Summary	lecture	Live or face-to-face
16	Latex: Practice (paper)	Final report	Face-to-face (can be changed depending on COVID-19)

6. Others

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