

Data Science Scheme

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Overview:

1. Aim and scope
2. Program requirements
3. Orientation sessions
 - I. Oct. 2nd, 16:00-, at AOBAYAMA campus
 - II. Oct. 15th, 14:40-, at KAWAUCHI campus
(1st session of Data Science Workshop)

aims and scope of Data Science Scheme:

- optional sub-program to educate for **big data science:**
 - ◆ math. computing
 - ◆ economics and management
- managed by four schools (inf., econ., eng., bio.)
- double degree:
master's degree (MA) and certificate of data scientist
- require no qualifications

Program requirements: Overview

Category	credits
seminars	8
subjects in economics	12
IT basics	4
IT exercise	2
data science I	2
data science II	2
data science III	2
total	32

by graduate school of
economics and management

by graduate school of
information sciences

Program Requirements subjects by graduate school of **economics and management**

Category in Scheme	Category in GPEM	subject	Credit		Required Credits
			compulsory	optional	
Seminars	Category VI	Seminar in Economics a		2	8
		Seminar in Management a		2	
		Seminar in Economics b		2	
		Seminar in Management b		2	
		Project Guidance in Economics a		2	
		Project Guidance in Management a		2	
		Project Guidance in Economics b		2	
		Project Guidance in Management b		2	
Subjects in Economics	Category I				6
	Category II				
	Category III				
	Category IV	Global Company Research	2		4
		Japanese Communication I or II	2		
	Category V				
Category VII	Data Science Workshop a	1		2	
	Data Science Workshop b	1			

Program requirement subjects by graduate school of information sciences

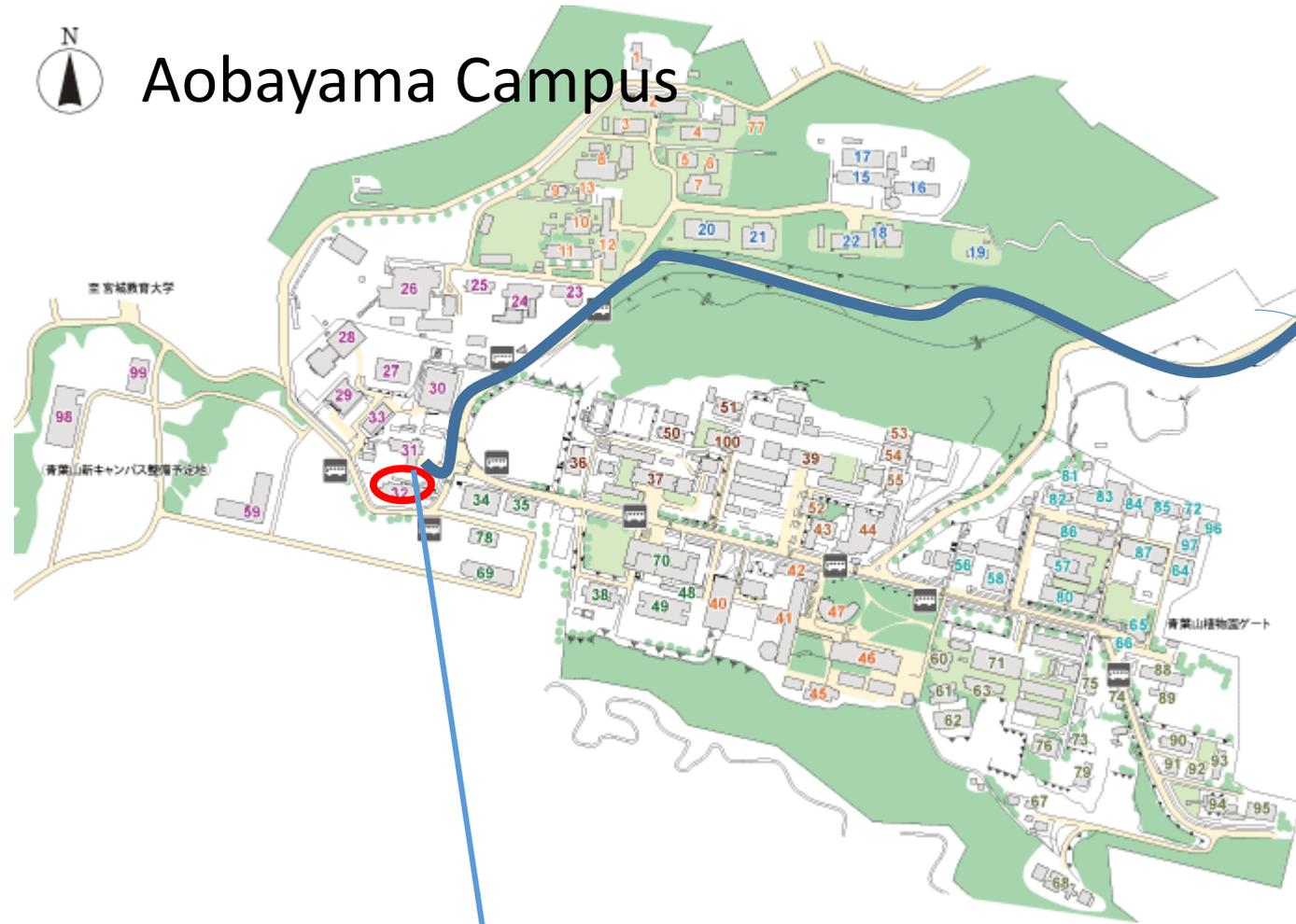
On Oct. 2nd from 14:40 at 514, information science build.,

Category in Scheme	Category in GPEM	subject	Credit		Required Credits		
			compulsory	optional			
IT Basic	Related Courses	Basics of big data analysis		2	4		
		information ethics		2			
		legal system in information society		2			
IT Exercise		Related Courses	big data skill up practice		2	2	
			Big data boot camp I		1		
			Big Data boot camp II		1		
Data Science I			Related Courses	efficient data processing architecture		2	2
				information communication		2	
				applied differential equation		2	
						2	
					2		
					2		
Data Science II	Related Courses			information system evaluation		2	2
		stochastic modeling			2		
		information security			2		
		game theory			2		
		CS fundamentals		2			
		IT fundamentals		2			
				2			
				2			
				2			
				2			
Data Science III	Related Courses	sptial economics		2	2		
		information biology		2			
		applied intelligent software		2			
		biology modeling		2			
		system science		2			
		urban economics		2			
		Category V	applied data science		2		

Orientation sessions for Data Science Scheme



Aobayama Campus



On Oct. 2nd, from 16:00 at room 207
2nd floor in Information Science Building

Kawauchi Campus



On Oct. 15th, from 14:40
at seminar room 21,
10th floor in econ. building

You are here

1st session of Data Science workshop