

Doctoral Course

Subject Type		Subjects	Eligible Class Year	No. of Credits		No. of Required Credits	
				Compulsory	Compulsory Elective		
Common Graduate Subjects	Sustainable Development Subjects	SDGs Ideas Mining Seminar for Specialists	1・2・3		1	1 or more credits	2 or more credits
		Regional development seminar from the viewpoint of the SDGs	1・2・3		1		
		Seeking Universal Peace	1・2・3		1		
		Atomic Bomb Literature, War Literature and Peace -Based on Experience of Atomic Bomb Survivors and Concentration Camps' Prisoners	1・2・3		1		
	Career Development and Data Literacy Subjects	Data Science	1・2・3		2	1 or more credits	
		Pattern Recognition and Machine Learning	1・2・3		2		
		Pathway to becoming a Data Scientist	1・2・3		1		
		Utilization of data Literacy in Medicine	1・2・3		1		
		Skills and Arts of Leadership	1・2・3		1		
		Career Management Seminar	1・2・3		1		
		Innovation Practice	1・2・3		2		
		Introduction to business creation	1・2・3		1		
	Long-term internship	1・2・3		2			
	Practical Knowledge Development Module	Management and Entrepreneurship	1・2・3		1	1 or more credits	
Technology Strategy and R&D Management		1・2・3		1			
Academic Writing II		1・2・3		1			
Practical Knowledge Application Module	Idea Mining Workshop	1・2・3		2	2 or more credits		
	Advanced Internship	1・2・3		2			
	Advanced Fieldwork	1・2・3		2			
Dissertation Module	Seminar on Doctoral Dissertation	1～3	12		12 credits		

【Registration Method and Completion Requirements】

To complete doctoral course, you need to earn 17 or more credits based on the following requirements, receive necessary research guidance, and pass the doctoral thesis screening and the final examination.

Necessary No. of Credits for Completing: 17 or more credits

- (1) Common Graduate Subjects : 2 or more credits
 - Sustainable Development Subjects: 1 or more credits
 - Career Development and Data Literacy Subjects: 1 or more credits
- (2) Practical Knowledge Development Module: 1 or more credits
- (3) Practical Knowledge Application Module : 2 or more credits
- (4) Dissertation Module: 12 credits