Architecture and Building Engineering

In order to produce architecture that can be thought of as a tool for human society, we must combine a broad range of knowledge of subjects such as history, culture, economics, and psychology with our artistic sensibility and engineering education into a unique organization.

While students gain fundamental knowledge in the general course, in the department's specialized course they get comprehensive and practical training in architecture planning considering structure, environment and equipment. In order to become specialists in various fields of architecture, aiming to create more safe and comfortable buildings, they also learn the latest knowledge of architectural engineering such as structural safety, building material, construction technology and environmental engineering of architecture

Subjects		Number of Credits	Number of Credits				
			1st	2nd	3rd	4th	5th
Required Subjects	Probability and Statistics	2				2	
	Applied Mathematics	1				1	
	Applied Physics	1				1	
	Basics of Architecture	2	2				
	Computer Literacy	1	1				
	Basic CAD	1			1		
	Applied CAD	1			1		
	Plastic Arts Exercise I	1	1				
	Plastic Arts Exercise II	1		1			
	Basics of Architectural Planning	1			1		
	Architectural Planning I	1			1		
	Architectural Planning II	1				1	
	Exercise of Architectural Planning	1				1	
	Regional and Town Planning						1
	History of Japanese Architecture	1			1		
	History of Western Architecture	1					1
	History of Modern Architecture	1					1
	Architectural Design I	4	4				
	Architectural Design II	6		6			
	Architectural Design III	6			6		
	Architectural Design IV	6				6	
	Architectural Design V	2					2
	Building Materials I	1			1		
	Building Materials II	1				1	
	Building Construction	1			1		
	Reinforced Concrete Structure I	1				1	
	Reinforced Concrete Structure II	1					1
	Steel Structure I	1				1	
	Steel Structure II	1					1
	Structural Mechanics I	1		1			
	Structural Mechanics II	2			2		
	Structural Mechanics III	2				2	
	Theory of Structural Design	1					1
	Dynamics of Structure	1					1
	Environmental Science for Architecture I	2			2		
	Environmental Science for Architecture II	2				2	
	Environmental Science for Architecture III	1					1
	Building Equipment Planning I	1			1		
	Building Equipment Planning II	1				1	
	Surveying	1				1	
	Exercise of Surveying	1					1
	Building Production	2					2
	Building Code	2					2
	Exercise for Architectural Engineering	1				1	
	Special Seminar	2				2	
	Graduation Thesis	9					9
	Total of Required Credits	82	8	8	18	24	24
Elective Subjects	Applied Mathematics Exercise	1				1	
	Applied Physics Exercise	1				1	
	Experiments of Building Materials	1				1	
	Information Processing for Architecture	1					1
	Design Theories in Architecture	1					1
	Disaster Prevention Planning	1					1
	Architectural Economics	1					1
	Earthquake Resistant Buildings	1					1
	Geotechnical Engineering	1					1
	Exercise for Architectural Environment	1					1
	Exercise of Building Equipment Planning	1					1
	Subtotal	11				3	8
	Minimum Credit Requirement	6				6	
Total of Offered Credits of Specialized Subjects		93	8	8	18	27	32
Total of Required Credits of Specialized Subjects		88	8	8	18	54	
Total of Required of General Subiects		77	26	26	16	7	2
Total of Offered Credits		176	34	34	34	37	37
Total of Required Credits		167	34	34	34	65	