

## Curriculum table of master's program

Course Type	Course Code	Course	Credits	Classes per one week*				Requirements for Completion
				1st-Semester		2nd-Semester		
				1st	2nd	3rd	4th	
Core Courses in Master's Program	1900010	Global Agricultural and Hygiene Sciences	2	4				8 Credits
	1900020	Bioresources and Environmental Sciences	2	4				
	1900030	Current Topics in Agricultural Sciences	2	Intensive Course				
English Course	1901010	English Communication for Science	2	2	2			
Liberal Arts Courses	1950010	Legal System for the Environment	2			2	2	Up to 4 Credits (including the courses offered by other Lab.)
	1950020	Study of Pedagogy	2	2	2			
	1950030	Selected Topics on Educational Psychology	2			2	2	
	1950040	History and Life	2	2	2			
	1950050	Physical Education and Health Sciences	2	2	2			
	1950060	Literature of Hokkaido	2	2	2			
	1950070	Environmental Issues and Cultural Affairs in the West	2			2	2	
	1950080	Diplomacy and Foods	2	2	2			
	1950090	Legislative System of Intellectual Property	2	Not offered this year				
	1950100	Education Statistics and Educational Data Analysis	2			2	2	
	1950110	Agricultural Development				4		
Common Practice Courses	1960010	Overseas field work 1	2	Intensive Course				
	1960020	Overseas field work 2	4	Intensive Course				
	1960030	Seminar on Domestic Field Work	2	Intensive Course				
	1960040	Seminar on Academic Presentation	2	Intensive Course				
	1960050	Seminar on Corporate Work	2	Intensive Course				
Courses for Expert Training in HACCP	1930010	HACCP System Construction Exercise	2	Intensive Course				
	1930020	Food Related Regulations and Food Manufacturing / Processing Facility Maintenance Theory	2	Intensive Course				
	1930030	Food Inspection Practices	2	Intensive Course				
Courses for Expert Training in Diversification of Primary Producer	1940010	Business Administration Basics for Regional Industry Promotion	2		4			
	1940020	Corporate Strategy	2			4		
Compulsory Courses in Laboratory of Veterinary Life Science	1910010	Thesis Research on Veterinary Life Science 1	4	4	4	4	4	14 Credits
	1910020	Thesis Research on Veterinary Life Science 2	4	4	4	4	4	
	1910030	Veterinary Life Science	2	4				
	1910040	Special Practice on Veterinary Life Science	4	2	2	2	2	
Electives in Laboratory of Veterinary Life Science	1910110	Animal Functional Science 1	2		4			4 Credits or more
	1910120	Animal Functional Science 2	2			4		
	1910130	Pathobiology, Etiology and Control of Animal Disease 1	2		4			
	1910140	Pathobiology, Etiology and Control of Animal Disease 2	2			4		
	1910150	Animal Clinical Science 1	2		4			
	1910160	Animal Clinical Science 2	2			4		
	1910170	Animal Clinical Science 3	2				4	
Compulsory Courses in Laboratory of Animal Production Science	1911010	Thesis Research on Animal Production 1	4	4	4	4	4	14 Credits
	1911020	Thesis Research on Animal Production 2	4	4	4	4	4	
	1911030	Animal Production	2	4				
	1911040	Special Practice on Animal Production	4	2	2	2	2	
Electives in Laboratory of Animal Production Science	1911110	Animal Breeding and Reproduction	2		4			4 Credits or more
	1911120	Animal Husbandry and Nutrition	2			4		
	1911130	Animal Structure and Function	2				4	
Compulsory Courses in Laboratory of Ecology and Environmental Science	1912010	Thesis Research on Environmental Ecology 1	4	4	4	4	4	14 Credits
	1912020	Thesis Research on Environmental Ecology 2	4	4	4	4	4	
	1912030	Environmental Ecology	2	4				
	1912040	Special Practice on Environmental Ecology	4	2	2	2	2	
Electives in Laboratory of Ecology and Environmental Science	1912110	Environmental Life Sciences	2				4	4 Credits or more
	1912120	Ecosystem and Life Science	2			4		
	1912130	Risk Management for Conservation Ecology	2		4			
Compulsory Courses in Laboratory of Food Science	1913010	Thesis Research on Food Science 1	4	4	4	4	4	14 Credits
	1913020	Thesis Research on Food Science 2	4	4	4	4	4	
	1913030	Food Science	2	4				
	1913040	Special Practice on Food Science	4	2	2	2	2	
Electives in Laboratory of Food Science	1913110	Applied Food Processing and Preservation Technology	2		4			4 Credits or more
	1913120	Food and Nutritional Chemistry	2			4		
	1913130	Food Function Science	2				4	

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Compulsory Courses in Laboratory of Agricultural Economics	1914010	Thesis Research on Agricultural Economics 1	4	4	4	4	4	14 Credits
	1914020	Thesis Research on Agricultural Economics 2	4	4	4	4	4	
	1914030	Agricultural Economics	2	4				
	1914040	Special Practice on Agricultural Economics	4	2	2	2	2	
Electives in Laboratory of Agricultural Economics	1914110	Theory of Farm Management	2			4		4 Credits or more
	1914120	Agricultural Policy Analysis	2				4	
	1914130	Special Lecture of Applied Agricultural Economics	2		4			
Compulsory Courses in Laboratory of Engineering for Agriculture	1915010	Agro-environmental Engineering Special Research 1	4	4	4	4	4	14 Credits
	1915020	Agro-environmental Engineering Special Research 2	4	4	4	4	4	
	1915030	Agro-environmental Engineering	2	4				
	1915040	Special Practice on Agro-environmental Engineering	4	2	2	2	2	
Electives in Laboratory of Engineering for Agriculture	1915110	System Engineering of Agricultural Machinery	2				4	4 Credits or more
	1915120	Environmental and Rural Engineering	2		4			
	1915130	Agricultural and Environmental Physics	2			4		
Compulsory Courses in Laboratory of Plant Production Science	1916010	Thesis Research on Plant Production Science 1	4	4	4	4	4	14 Credits
	1916020	Thesis Research on Plant Production Science 2	4	4	4	4	4	
	1916030	Plant Production Science	2	4				
	1916040	Special Practice on Plant Production Science	4	2	2	2	2	
Electives in Laboratory of Plant Production Science	1916110	Advanced Plant Breeding Genetics	2			4		4 Credits or more
	1916120	Plant Production and Protection	2				4	
	1916130	Advanced Course on Plant Production Management	2		4			
Compulsory Courses in Master's Degree Program of Animal and Food Hygiene	1920010	Animal Production Hygiene	2		4			4 Credits
	1920020	Food Hygiene and Toxicology	2				4	
Compulsory Electives in Master's Degree Program of Animal and Food Hygiene	1920030	Animal and Food Hygiene Special Research Work	4	4	4	4	4	4 Credits
	-	*"Thesis Research 2" of each laboratory	4	4	4	4	4	
Electives in Master's Degree Program of Animal and Food Hygiene	1930010	HACCP System Construction Exercise	2	Intensive Course				6 Credits or more
	1930020	Food Related Regulations and Food Manufacturing / Processing Facility Maintenance Theory	2	Intensive Course				
	1930030	Food Inspection Practices	2	Intensive Course				
	1940010	Business Administration Basics for Regional Industry Promotion	2		4			
	1940020	Corporate Strategy	2			4		