

Courses in the Master's and the Doctoral Programs 2017

Master's Program (Human Sciences)

Subject Category		Subject Name		Credits	Language of Instruction	Required Credits	
Compulsory Subjects	Seminar in Integrated Arts and Sciences		Seminar in Integrated Arts and Sciences	2	※1	2	
	Core Subject		Core Subject A Core Subject B	2 2	※1 ※1	4	
	Special Studies		Special Study on Life Sciences Special Study on Studies of Human Behavior Special Study on Sport Sciences Special Study on Language Studies Special Study on Humanities and Science of Art	8 8 8 8 8	※1 ※1 ※1 ※1 ※1	Main Field 8	
Elective Compulsory Subjects	Specialized Subjects	Field	Specialty				
		Life Sciences	Life Sciences	Metabolic Biochemistry	2	※1	12 Main Field 8 Other Field 4
				Chiral Organic Chemistry	2	※1	
				Metazoan Evolutionary Biology	2	※1	
			Brain Sciences	Advanced Molecular and Cellular Neurobiology	2	※1	
				Biological Basis of Neuronal Regulation	2	※1	
				Functional Organization of the Brain	2	※1	
		Studies of Human Behavior	Cognitive and Behavioral Sciences	Theories of Cognition and Behavior	2	Japanese	
				Chronopsychology	2	Japanese	
				Cognition and Language	2	Japanese	
		Human Movement Sciences	Human Behavioral Sciences	Environment and Behavior	2	Japanese	
				Theories of Adaptive Behavior	2	Japanese	
				Theories of Social Behavior	2	Japanese	
Language Studies	Language Studies	Human Motor Control	2	※1			
		Biochemistry of Exercise	2	※1			
		Theories of Environment and Exercise Performance	2	※1			
		Psychology of Human Movement	2	Japanese			
		Analysis of Physical Movement	2	※1			
		Philosophy of Physical Arts	2	※1			
		Analysis of Phonetics, Phonology, and the Phonetics-Phonology Interface	2	※1			
Cognitive Semantics	2	Japanese					
Contrastive Linguistics	2	※1					
Comparative Pragmatics	2	※1					
English Grammar and Usage	2	Japanese					
Structural Analysis of Natural Language	2	Japanese					
Computer Linguistics	2	Japanese					
Applied Linguistics Interface	2	English					
Humanities and Sciences of Art	Humanities And Sciences of Art	Philosophy and Thoughts	2	Japanese			
		Applied Ethics	2	Japanese			
		Aesthetics, Philosophy of the Beautiful	2	Japanese			
		Aesthetics-Study of Arts and Culture	2	Japanese			
		Japanese Religions	2	※1			
Studies of Arts and Culture	2	Japanese					
Specialized Subjects of other divisions							
Optional Elective Subjects	Literacy Courses		Research Ethics	1	Japanese	4	
			Scientific Literacy of Information and Communication Technology	1	Japanese		
			Document Management Method	2	Japanese		
			Risk Communication	2	※1		
		Business Continuity Management	2	English			
		Academic Writing within a Global Context: Theory with Practice	2	English			
Advanced Seminar in Integrated Arts and Sciences			2	※2			
Other Subjects of Graduate Programs							
Total						30	

Curriculum Structure

- ① The compulsory subject Core Subject consists of two sub-courses A and B: the former is prerequisite for the latter. Enroll in one of Theories of Risk in the Day, Imagining to Creation, Informatics and Information Theory - Interdisciplinary Studies, or Civilization and Environment.
- ② For the compulsory Special Studies course, enroll in your major field of study.
- ③ For compulsory electives within Specialized Subjects, take 8 credits in your main field of study and 4 credits in other fields. As for the 4 credits in other fields, it is preferable to take courses provided by other divisions.
- ④ Free Elective subjects: any credits from elective compulsory subjects in excess of the required number, as well as any of the common university graduate subjects, can count as free electives. Also, with the permission of your principle faculty advisor, it is possible to have courses from other Graduate Schools count as free electives.
- ⑤ Students enrolled in the Leading Graduate Education Program can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ⑥ Subjects marked with ※1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑦ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Master's Program (Environmental Sciences)

Subject Category			Subject Name	Credits	Language of Instruction	Required Credits	
Compulsory Subjects	Seminar in Integrated Arts and Sciences		Seminar in Integrated Arts and Sciences	2	※1	2	
	Core Subjects		Core Subject A Core Subject B	2 2	※1 ※1	4	
	Special Studies		Special Study on Natural Environmental Science Special Study on Integrated Physical Sciences Special Study on Information and Media Sciences Special Study on Social Environmental Studies	8 8 8 8	※1 ※1 ※1 ※1	Main Field 8	
Elective Compulsory Subjects	Specialized Subjects	Field	Specialty				
		Natural Environmental Sciences	Environmental Ecology	Conservation Ecology	2	※1	12 Main Field 8 Other Field 4
				Symbiotic Microbiology	2	※1	
				Biodiversity Science (Basic studies for Environmental Sciences)	2	English	
				Climatic Environments & Ecology	2	Japanese	
		Natural Environmental Sciences	Environmental Earth Sciences	Earth Materials	2	Japanese	
				Dynamics of Earth Surface Material Cycle	1	English	
				Hydrological and Material Cycle	1	※1	
				Climate Change and Natural Disasters	2	Japanese	
		Natural Environmental Sciences	Environmental Earth Sciences	Environmental Colloid and Interface Sciences	2	※1	
				Physics of Complex Matter	2	※1	
				Complex Materials Science	2	※1	
				Structure of Complex Matter	2	※1	
		Integrated Physical Sciences	Physics of Correlated Matter	Quantum Theory of Correlated Matter	2	※1	
Correlated Materials Science	2			※1			
Spectroscopies of Correlated Matter	2			※1			
Applied Science of Correlated Matter	2			※1			
Information and Media Sciences	Information and Media Sciences	Information Systems	2	※1			
		Information Security	2	※1			
		Computational Science	2	※1			
		Computational Statistics	2	※1			
Information and Media Sciences	Information and Media Sciences	Media Communication	2	※1			
		Studies of Regional Environment	2	Japanese			
		Studies of Regional Information	2	Japanese			
		Sustainable Tourism Development	2	English			
Social Environmental Studies	Studies of Modern Society	Studies on Environment and Rural Society	2	Japanese			
		Social System and Social Change	2	Japanese			
		Social Stratification	2	Japanese			
		Welfare Sociology and Social Policy Studies	2	Japanese			
Social Environmental Studies	Studies of Modern Society	Theory of World Economy System	2	Japanese			
		The Industrial System	2	Japanese			
		Theory of community in risk society	2	Japanese			
		Specialized Subjects of other divisions					
Optional Elective Subjects	Literacy Courses		Research Ethics	1	Japanese	4	
	Literacy Courses		Scientific Literacy of Information and Communication Technology	1	Japanese		
Optional Elective Subjects	Literacy Courses		Document Management Method	2	Japanese	4	
	Literacy Courses		Risk Communication	2	※1		
Optional Elective Subjects	Literacy Courses		Business Continuity Management	2	English	4	
	Literacy Courses		Academic Writing within a Global Context: Theory with Practice	2	English		
Advanced Seminar in Integrated Arts and Sciences				2	※2		
Total						30	

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- ⑥ Subjects marked with ※1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑦ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Master's Program (Cultural Sciences)

Subject Category			Subject Name	Credits	Language of Instruction	Required Credits		
Compulsory Subjects	Seminar in Integrated Arts and Sciences		Seminar in Integrated Arts and Sciences	2	※1	2		
	Core Subjects		Core Subject A Core Subject B	2 2	※1 ※1	4		
	Special Studies		Special Study on Cultural and Historical Studies Special Study on Area Studies	8 8	※1 ※1	Main Field 8		
Elective Compulsory Subjects	Specialized Subjects	Field	Specialty					
		Cultural and Historical Studies	Cultural History	Peaceful Coexistence of Civilizations	2	Japanese	12 Main Field 8 Other Field 4	
				Science and Technology Study	2	Japanese		
				Religious Studies	2	Japanese		
			Socio-Cultural Studies	Anthropology	Ethnology	2		Japanese
					Symbolic Anthropology	2		※1
					European Cultural History	2		Japanese
		Area Studies	Asian Studies	Studies in Comparative Education and Society	2	Japanese		
				Comparative Literature	2	Japanese		
				Understanding Other Culture	2	Japanese		
				Japanese Area Studies	2	Japanese		
				Japanese Literature and Society Studies	2	Japanese		
				Asian Area Studies	2	Japanese		
			European Studies	European Studies	Asian Culture Studies (Modern Cultures)	2		Japanese
					Asian Culture Studies (Cultural Representation)	2		Japanese
Asian Cultural Studies (Traditional Cultures)	2				Japanese			
British/American Studies	British/American Studies	Peace Study of Hiroshima	2	Japanese				
		European Area Studies	2	Japanese				
		European Culture and Society	2	Japanese				
		European Thought and Culture	2	Japanese				
British/American Studies	British/American Studies	British and American Area Studies	2	Japanese				
		British and American Literature and Society	2	Japanese				
		British and American Society (History)	2	Japanese				
Specialized Subjects of other divisions			2	Japanese				
Optional Elective Subjects	Literacy Courses		Research Ethics	1	Japanese	4		
			Scientific Literacy of Information and Communication Technology	1	Japanese			
			Document Management Method	2	Japanese			
			Risk Communication	2	※1			
			Business Continuity Management	2	English			
			Academic Writing within a Global Context: Theory with Practice	2	English			
			Advanced Seminar in Integrated Arts and Sciences	2	※2			
Total						30		

Curriculum Structure

- ① The compulsory subject Core Subject consists of two sub-courses A and B: the former is prerequisite for the latter. Enroll in one of Theories of Risk in the Day, Imagining to Creation, Informatics and Information Theory - Interdisciplinary Studies, or Civilization and Environment.
- ② For the compulsory Special Studies course, enroll in your major field of study.
- ③ For compulsory electives within Specialized Subjects, take 8 credits in your main field of study and 4 credits in other fields. As for the 4 credits in other fields, it is preferable to take courses provided by other divisions.
- ④ Free Elective subjects: any credits from elective compulsory subjects in excess of the required number, as well as any of the common university graduate subjects, can count as free electives. Also, with the permission of your principle faculty advisor, it is possible to have courses from other Graduate Schools count as free electives.
- ⑤ Students enrolled in the Leading Graduate Education Program can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ⑥ Subjects marked with ※1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑦ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Master's Program (The 21st Century Science Projects)

Subject Category		Subject Name	Credits	Language of Instruction	Required Credits
Compulsory Subjects	Seminar in Integrated Arts and Sciences	Seminar in Integrated Arts and Sciences	2	※1	2
	Core Subjects	Core Subject A	2	※1	4
		Core Subject B	2	※1	
Special Studies	Special Study on the 21 st Century Science Projects	8	※1	8	
Optional Elective Subjects	Specialized Subjects	Specialized Subjects of the Divisions			16
	Literacy Courses	Research Ethics	1	Japanese	
		Scientific Literacy of Information and Communication Technology	1	Japanese	
		Document Management Method	2	Japanese	
		Risk Communication	2	※1	
Business Continuity Management		2	English		
Academic Writing within a Global Context: Theory with Practice		2	English		
Advanced Seminar in Integrated Arts and Sciences		2	※2		
Total					30

Curriculum Structure

- ① The compulsory subject Core Subject consists of two sub-courses A and B: the former is prerequisite for the latter. Enroll in one of Theories of Risk in the Day, Imagining to Creation, Informatics and Information Theory - Interdisciplinary Studies, or Civilization and Environment.
- ② Students enrolled in the 21st Century Science Projects can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ③ Students enrolled in the Leading Graduate Education Program can, after consulting with their main advisor, design their own curriculum. However, Seminar in Integrated Arts and Sciences, Core Subject, and Special Study are required courses.
- ④ Subjects marked with ※1 in the Language of Instruction column will be conducted in either Japanese, English, or Japanese and English, depending on the preference of the students.
- ⑤ For Subjects marked with ※2 in the Language of Instruction column, the language will be specified at the start of the course.

Doctoral Program

Subject Category		Subject Name	Credits	Required Credits
Compulsory Subjects	Research Seminar	Seminar in Life Sciences	8	Main Field or Project 8
		Seminar in Studies of Human Behavior	8	
		Seminar in Sport Sciences	8	
		Seminar in Language Studies	8	
		Seminar in Humanities and Science of Art	8	
		Seminar in Natural Environmental Sciences	8	
		Seminar in Integrated Physical Sciences	8	
		Seminar in Information and Media Sciences	8	
		Seminar in Social Environmental Studies	8	
		Seminar in Cultural and Historical Studies	8	
		Seminar in Area Studies	8	
		Seminar in the 21st Century Science Projects	8	
		Total		

Curriculum Structure

- ① For the compulsory subject Research Seminar, enroll in the course in your major field of study or project.
- ② The instructional language is Japanese, English, or mixture of both. It will be determined after consultation with participants.