[Name of the Certificate]
"Global Governance"

[Requirements for Acquiring a GR Program Certificate]

	Subject name	Minimum number of credits	Non-thesis Track
Program Courses *1	Global Governance Studies (Viewpoints)	At least 4 credits	At least 4 credits
	Global Governance Studies(Globalization and Regional Transforma†		
	REGIONAL STRATEGY STUDIES(EUROPE)		
	REGIONAL STRATEGY STUDIES(GREATER CHINA)		
	REGIONAL STRATEGY STUDIES(EAST ASIA)		
	REGIONAL STRATEGY STUDIES (NORTH, CENTRAL AND SOUTH AM†		
	REGIONAL STRATEGY STUDIES(NORTH EAST ASIA)		
Research Concept and Methodology Courses	Conceptual Framework (GR)	At least 4 credits	At least 4 credits
	Conceptual Framework (HUMAN SECURITY)		
	Advanced Research (GR)		
Project Courses	Academic Project : Global Governance and Regional Strategy (Global) (1)	At least 2 credits	At least 2 credits
	Academic Project : Global Governance and Regional Strategy (Regional) (1)		
Master Thesis	Master Thesis 1(1)	2 credits	2 credits *2
	Master Thesis 2(1)		
	[Non-Thesis Track] Master Project 1(1)		
	[Non-Thesis Track] Master Project 2(1)		

*1 The four credits cannot be earned from "Practical Research Work for Global Issues" and "Global Partners Networking". Those in a double degree program with another university must earn at least two credits.

*2 Students must fulfill the requirements for Non-Thesis Track and register for Project Courses in their final semester.

[Project Courses Related to the Program]
Academic Projects in which the leader is a faculty member of the GR Program.

Lifeworld and Publicness
China Perspectives
Islam Practice Studies
Area Studies for Global Governance
Security Studies 1
Security Studies 2
Global Governance and Regional Strategy (Global)
Global Governance and Regional Strategy (Regional)

[Name of the Certificate]
"Humanities and Communications"

[Requirements for Acquiring a HC Program Certificate]

	Subject name	Minimum number of credits	Non-thesis Track
Program Courses	Language Education Design,	At least 2 credits	At least 4 credits
	Technology Project (Ledit Project)		
	Transculture		
	Development and The Local Community		
Research Concept and Methodology Courses	Advanced Research (Language and Culture)	At least 2 credits	At least 2 credits
	Conceptual Framework(Communication)		
	Advanced Research (Developing Regions of Asia)		
Project Courses	< the Project Courses related to the HC Program >	At least 4 credits	At least 4 credits
Master Research	Master Seminar	At least 4 credits	At least 4 credits
Other	< Courses Specifically Approved by HC Academic Advisor >	For details, please check with your academic advisor in HC program.	

[Project Courses Related to the Program]

Humanities approach to modern society and culture
Interdisciplinary Japanese Studies
Multilingual and Multicultural Society
Language Learning & Teaching Design

[Name of the Certificate]
"Policy Making and Social Innovation"

[Requirements for Acquiring a PS Program Certificate]

	Subject name	Minimum number of credits	Non-thesis Track
Program Courses	Business in Japan	At least 10 credits	At least 10 credits
	Networks and The Information Economy		
	Strategic Management		
	Policy Management (Policy Making And Social Innovation)		
	Governance Theory		
	Management Innovation in IT Business		
	Community Informatics		
	Social Finance		
	Techniques of Designing Career Development Programs		
	Technology Management		
	Network Industries		
	Finance Theory		
	Family Business Management		
	Total Design of private and public profits		
	Social Innovation through Social Entrepreneurship		
	Desing for Social Innovation		
	Product Development and Promotion of Social Business		
	Social Marketing		
	Public Management		
	Social Entrepreneurship		
	Health Communication		
Undergraduate courses *1	Public Choice Theory		
	Management of Emerging Businesses		
	Social Security Policy (Medical Care And Health Care)		
	Social Security Policy (Pension, Labor and Welfare)		
	Theory of Games		
	Risk and Insurance		
	Introduction to Time-Series Analysis		
	Evidence Based Health PolicyManagement and Communication		
	Multinational Management		
Research Concept and Methodology Courses *2	Conceptual Framework (Academic Communication Skills)	At least 4 credits	At least 4 credits
	Conceptual Framework (Research Design in Social Sciences)		
	Conceptual Framework (Theories and Practice of Fieldwork)		
	Conceptual Framework (EG1)		
	Conceptual Framework (EG2)		
	Advanced Research (Public Policy)		
	Advanced Research (Casebook Methods in Research and Education)		
	Advanced Research (EG1)		
	Advanced Research (EG2)		
Project Courses, Master Research Special Courses	< Project Courses related to the PS program > < Master Seminars offered by the faculty member in charge of the PS Program>	At least 8 credits	At least 8 credits
Master Thesis	Master Thesis1(1)	2 credits	2 credits
	Master Thesis2(1)		
	[Non-Thesis Track] Master Project 1(1)		
	[Non-Thesis Track] Master Project 2(1)		
Other	< courses related to the Business Schoo > < Program Courses in GR (Including International Relations in GR-Heisetsu) > < Program Courses in HC >	Up to 4 credits may be included. Check with the Academic Advisor in charge of the Program beforehand.	

*1 Undergraduate courses will be Optional Subjects for the Master's Program.
*2 You can include "Total Design of Private and Public Profits 1" and "Total Design of Private and Public Profits 2" for Research Concept and Methodology Courses.

[Project Courses Related to the Program]
Academic Projects in which the leader or member is a faculty member of the PS Program.

[Name of the Certificate]
"Cognition, Sense-Making & Biophysical skills"

[Requirements for Acquiring a CB Program Certificate]

	Subject name	Minimum number of credits	Non-thesis Track
Program Courses, Research Concept and Methodology Courses, Special Courses	Sports And Skill Science Advanced Lecture	At least 8 credits	At least 10 credits
	Aging Society		
	Conceptual Framework (CB)*1		
	Advanced research (CB)*1		
	Physical Activity and Health		
	Biomechanics and Motion Analysis (1)		
	Geriatric Medicine and Gerontology		
	Neural Communication		
	Lexical Semantics and Mental Dictionaries		
	Issues in Cognitive Linguistics		
	Second Language Acquisition		
	Introduction to Second Language Learning and Teaching		
	Fieldwork A/B/C/D		
	Internship A/B		
	< Program Courses, Master's Research Courses, Special Courses approved by your Research Advisor > *2		
Project Courses, Master Research Special Courses	< Project Courses related to the CB program > < Master Seminars offered by the faculty member in charge of the CB Program>	At least 8 credits	At least 8 credits
Master Thesis	Master Thesis1(1)	2 credits	2 credits
	Master Thesis2(1)		
	[Non-Thesis Track] Master Project 1(1)		
	[Non-Thesis Track] Master Project 2(1)		

*1 "Conceptual Framework (CB)" and "Advanced research (CB)" are required subjects.
*2 Students must obtain approval from the faculty member in charge of the Project Course or their Research Advisor for other courses to count toward the required number of credits.

[Project Courses Related to the Program]
Academic Projects in which the leader or member is a faculty member of the CB Program.

[Name of the Certificate]
"Environmental Design & Governance"

[Requirements for Acquiring a EG Program Certificate]

	Subject name	Minimum number of credits	Non-thesis Track
Program Courses	Construction Management	At least 18 credits	At least 18 credits
	Regional Environment		
	Urban Policy		
	Digital Earth Science		
	Safety In Environmental Design		
	Applied Environmental Design (Architecture And Landscape Design) (4)		
	Applied Environmental Design (Urban Environment Design) (4)		
	History of City And Living Environment		
	Environmental Design Field Workshop		
	Environmental Technology And Space Design		
	Architectural Environment Management		
	Building Technology		
	Building Materials And Construction Technology		
	Structural Design Studies		
	Urban Design		
	Energy Policy Analysis		
	Landscape Design		
	Environmental Dynamics		
	Design of Urban Space		
	Advanced Spatial Data Modeling		
	Biodiversity Science		
	Geography of Planning Practice		
	Theory of Global Environment Technology		
	International Environmental Law		
	Systems of Earth A / Systems of Earth B		
	Energy and Global Environment		
	Population Dynamics		
	Global Environmental Politics		
	Designing a Low-Carbon Society		
	Exercise on Designing Low-Carbon Society 1 (4)		
	Exercise on Designing Low-Carbon Society 2 (4)		
	Designing Environmental Business		
	Ecological and Environmental Fieldwork		
	Environmental Technoscience and Policy		
	Practice in Environmental Monitoring		
	Sustainable System Science		
	Policy Management (Policy Making and Social Innovation)		
Research Concept and Methodology Courses	Conceptual Framework (EG1)	At least 2 credits	At least 2 credits
	Conceptual Framework (EG2)		
	Advanced Research (EG1)		
	Advanced Research (EG2)		
Project Courses	< Project Courses related to the EG program >	At least 4 credits	At least 4 credits
Master Thesis	Master Thesis1(1)	2 credits	2 credits
	Master Thesis2(1)		
	[Non-Thesis Track] Master Project 1(1)		
	[Non-Thesis Track] Master Project 2(1)		

[Project Courses Related to the Program]

Science and Technology Communication
Climate Change and Disaster Risk Governance System for Sustainable Development
Green infrastructure and ecosystem service
Embodiment Design Program
Smart Mobility (Technology)
Smart Mobility (Society)
Human service and Community
xSDG

[Name of the Certificate]
"Design"

[Requirements for Acquiring a XD Program Certificate]
Students must pass the Product Portfolio evaluation.

Submit the Product Portfolio to the Program Committee through your Academic Advisor.

	Subject name	Minimum number of credits
Program Courses, Research Concept and Methodology Courses	Research Foundations	At least 10 credits
	Human Computer Interaction Design	
	Landscape Design	
	Advanced Research Workshop (XD1)	
	Advanced Research Workshop (XD2)	
	Advanced Research Workshop (XD3)	
	Advanced Research Workshop (XD4)	
	< Other courses allowed into the Program Course category. Consult with the Research Advisor of the Program for details. >	
Project Courses	< Project Courses related to the XD program >	At least 6 credits
Master Thesis	Master Thesis1(1)	2 credits
	Master Thesis2(1)	

[Project Courses Related to the Program]
Academic Projects in which the leader or member is a faculty member of the XD Program.

[Name of the Certificate]
"Cyber Informatics"

[Requirements for Acquiring a CI Program Certificate]

	Subject name	Minimum number of credits
Program Courses, Research Concept and Methodology Courses	Design and Implementation of System Software	At least 12 credits
	Information Security -Theory and Practice	
	Conceptual Framework (CI)	
	Advanced Research (CI)	
	Modern Web Platform Technologies	
	Human Computer Interaction Design	
	Environmental Information System Architecture	
	Cybersecurity Case Study	
	Software Security	
	Network Security	
	Cryptography and Data Security	
	DESIGN STRATEGY (SPATIAL INFORMATION SYSTEMS AND ARCHITECTURE	
	DESIGN STRATEGY(INTERACTION)	
	ARCHITECTURE FOR DIGITAL TRANSFORMATION	
	INCIDENT RESPONSE AND FORENSIC	
Project Courses, Master Research	< Academic Projects in which the leader is a faculty member of the CI Program. (1) > < Master Seminar in CI Program >	At least 8 credits
Master Thesis	Master Thesis1(1)	2 credits
	Master Thesis2(1)	

[Project Courses Related to the Program]

Novel Computing: AI and Brain Science
Creation of Smart City
Software System
HCI Remixed
Internet Technology
Internet Civilization
Creating Shared Value in Practice
Mathematics for AI

[Name of the Certificate]
"Systems Biology"

[Requirements for Acquiring a BI Program Certificate]

	Subject name	Minimum number of credits
Program Courses, Research Concept and Methodology Courses, Special Courses	Advanced Molecular And Cellular Biology	At least 8 credits
	Genome Engineering Laboratory	
	Genome Design	
	Mathematical Biology	
	The Body Plan of Vertebrate	
	Conceptual Framework (BI)	
	Advanced Research (BI)	
	Biological Network	
	Singularities In Biological Evolution	
Project Courses	Academic Project : Advanced Biosciences A (1)	At least 4 credits
	Academic Project : Advanced Biosciences B (1)	
Master Research	< Master Seminar in BI Program >	At least 4 credits
Master Thesis	Master Thesis1(1)	2 credits
	Master Thesis2(1)	
	MASTER PROJECT 1	
	MASTER PROJECT 2	

＊Some students may be required to take the following undergraduate courses for supplemental study.
Molecular And Cellular Biology 1/2/3/4, Fundamental Biology Laboratory,
Genetic Engineering Laboratory, Genetic Analysis Laboratory, Life Systems

[Project Courses Related to the Program]

Advanced Biosciences A
Advanced Biosciences B