

## School of Interdisciplinary Science and Innovation

	Course Title	Lecturer	Term	Term (intensive courses)	Language	Course Day	Course Period	Course Day/ Course Period (Intensive courses)	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus
1	Cross-Cultural Adjustment 1	Oga Chiharu	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講義)&Excercise(演習)			<a href="https://syllabus.kyushu-u.ac.jp/">https://syllabus.kyushu-u.ac.jp/</a>
2	Global History	Augustine Matthew	Winter Quarter (fourth quarter: Dec.-Feb.)		English	Fri.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
3	Global Ethics	SEVILLA ANTON	Fall Quarter (third quarter: Oct.-Nov.)		English	Fri.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
4	Global Ethics	Kaburagi Masahiko	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Fri.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
5	Design Thinking for Interdisciplinary Science and Innovation	Tokuhsa Satoru	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
6	Design Thinking for Interdisciplinary Science and Innovation	Tokuhsa Satoru	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
7	Field Research	Araya Kunio・Nagatani Chiyoko Tajiri Yoshinori ・Yamao Dai Funahashi Kyoko・Nakano Nobuhiko Fujioka Yuichiro	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Wed.	3		Ito	1 credit	Lecture(講義)&Excercise(演習)			
8	Field Research	Araya Kunio・Nagatani Chiyoko Tajiri Yoshinori ・Yamao Dai Funahashi Kyoko・Nakano Nobuhiko Fujioka Yuichiro	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Wed.	3		Ito	1 credit	Lecture(講義)&Excercise(演習)			
9	Philosophy of Science	Kanayama Koji	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
10	Philosophy of Science	Kanayama Koji	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
11	Fundamentals of Data Science	Konomi Shin'ichi	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	1		Ito	1 credit	Lecture(講義)&Excercise(演習)			
12	Fundamentals of Data Science	Konomi Shin'ichi	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	1		Ito	1 credit	Lecture(講義)&Excercise(演習)			
13	Introduction to Complex Systems	Sakaguchi Hidetsugu	First Semester (Apr-Sep)		English/Japanese	Fri.	2		Ito	2 credits	Lecture(講義)&Excercise(演習)			
14	Design Thinking Programming	Ueoka Ryoko	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	TBA			Ito	1 credit	Lecture(講義)&Excercise(演習)			
15	Design Thinking Process	Inamura Tokushu Ueoka Ryoko	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	TBA			Ito	1 credit	Lecture(講義)&Excercise(演習)			
16	Big Data Processing	Konomi Shin'ichi	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Tue.	4		Ito	1 credit	Lecture(講義)&Excercise(演習)			
17	Methodologies for Practical Data Analysis	Uchida Seiichi Hatano Kohei	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Mon.	2		Ito	1 credit	Lecture(講義)&Excercise(演習)			
18	History and Philosophy of Physics	Kanayama Koji	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Mon.	1		Ito	1 credit	Lecture(講義)			
19	History and Philosophy of Geoscience and Biology	Kanayama Koji	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Wed.	2		Ito	1 credit	Lecture(講義)			
20	Data Analytics	Okada Masaya	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講義)			
21	Complex Systems	Sakaguchi Hidetsugu	Second Semester (Oct-Mar)		English/Japanese	Wed.	2		Ito	2 credits	Lecture(講義)&Excercise(演習)			
22	Thermo-Dynamical Properties	Tashima Hiroshi	Fall Quarter (third quarter: Oct.-Nov.)		English	Mon.&Fri.	1・2		Ito	2 credits	Lecture(講義)&Excercise(演習)			

	Course Title	Lecturer	Term	Term (intensive courses)	Language	Course Day	Course Period	Course Day/ Course Period (Intensive courses)	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus
23	Quantum Properties	Soejima Yuji	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Mon.&Tue.	2・2		Ito	2 credits	Lecture(講 義)&Excercise(演習)			<a href="https://syllabus.kyushu-u.ac.jp/">https://syllabus.kyushu-u.ac.jp/</a>
24	Python Proqraming for Analysis	Brezina Jan	Second Semester (Oct-Mar)		English	Thu.	1		Ito	2 credits	Lecture(講 義)&Excercise(演習)			
25	Genetics and Evolution	Nakamura Mako・Kang IkJoon	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
26	Genetics and Evolution	Nakamura Mako・Kang IkJoon	Fall Quarter (third quarter: Oct.-Nov.)		English	Tue.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
27	Molecular & Cell Biology	Sur Chowdhury Vishwajit Douglas Drummond	Summer Quarter (second quarter: Jun.-Aug.)		English	Mon.	2		Ito	1 credit	Lecture(講義)			
28	Molecular & Cell Biology	Sur Chowdhury Vishwajit Douglas Drummond	Winter Quarter (fourth quarter: Dec.-Feb.)		English	Fri.	2		Ito	1 credit	Lecture(講義)			
29	Brain & Information	Lauwereyns Johan・Iramina Keiji	Summer Quarter (second quarter: Jun.-Aug.)		English	Thu.	2		Ito	1 credit	Lecture(講義)			
30	Brain & Information	Lauwereyns Johan・Iramina Keiji	Winter Quarter (fourth quarter: Dec.-Feb.)		English	Tue.	3		Ito	1 credit	Lecture(講義)			
31	Approaches to Social Philosophies	Kaburagi Masahiko	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
32	Approaches to Social Philosophies	SEVILLA ANTON	Winter Quarter (fourth quarter: Dec.-Feb.)		English	Thu.	2		Ito	1 credit	Lecture(講義)			
33	Approaches to Language and Communication	Uchida Satoru・Inoue Narahiko Li Xiaoyan・Lazarus Ashton	Fall Quarter (third quarter: Oct.-Nov.)		English	Thu.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
34	Approaches to Social Collaboration	Inaba Miyuki・Oga Toru Funahashi Kyoko Mizoguchi Koji・Nagatani Chiyoko	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Wed.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
35	Approaches to Social Collaboration	Inaba Miyuki・Oga Toru Funahashi Kyoko Mizoguchi Koji・Nagatani Chiyoko	Winter Quarter (fourth quarter: Dec.-Feb.)		English	Wed.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
36	Introduction to Area Studies	Yamao Dai・Onimaru Takeshi	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	1		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
37	Introduction to Area Studies	Yamao Dai・Onimaru Takeshi	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Tue.	1		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
38	Introduction to History and Archeology	Nagashima Hiroki・Tajiri Yoshinori Andrew Hall	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
39	Introduction to History and Archeology	Nagashima Hiroki・Tajiri Yoshinori Andrew Hall	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
40	Natural Environments and Societies	Araya Kunio・Kan Hironobu Fujioka Yuichiro (Jalilinasrabad Saeid)	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Wed.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
41	Natural Environments and Societies	Araya Kunio・Kan Hironobu Fujioka Yuichiro Jalilinasrabad Saeid	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
42	Understanding the Earth	Senda Ryoko・Ohno Masao Osana Yasuhiro Kuwahara Yoshihiro Nakano Nobuhiko	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講義)			

	Course Title	Lecturer	Term	Term (intensive courses)	Language	Course Day	Course Period	Course Day/ Course Period (Intensive courses)	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus	
43	Understanding the Earth	Senda Ryoko・Ohno Masao Osanai Yasuhito Kuwahara Yoshihiro Nakano Nobuhiko	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講義)			<a href="https://syllabus.kyushu-u.ac.jp/">https://syllabus.kyushu-u.ac.jp/</a>	
44	Natural Disaster and Resources	Hazarika Hemanta	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	2		Ito	1 credit	Lecture(講義)				
45	Natural Disaster and Resources	Hazarika Hemanta	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Wed.	3		Ito	1 credit	Lecture(講義)				
46	Practices in Earth Environments	Senda Ryoko・Ohno Masao Osanai Yasuhito・Kan Hironobu Araya Kunio・Hazarika Hemanta Kuwahara Yoshihiro Nakano Nobuhiko Fujioka Yuichiro (Jalilinasrabad Saeid)	First Semester (Apr-Sep)		English/Japanese	TBA			Ito	1 credit	Excercise(演習)				
47	Practices in Earth Environments	Senda Ryoko・Ohno Masao Osanai Yasuhito・Kan Hironobu Araya Kunio・Hazarika Hemanta Kuwahara Yoshihiro Nakano Nobuhiko・Fujioka Yuichiro Jalilinasrabad Saeid	Second Semester (Oct-Mar)		English/Japanese	TBA			Ito	1 credit	Excercise(演習)				
48	Basic Project for Interdisciplinary Science and Innovation 1	Miki Yoichiro	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	3,4		Ito	2 credits	Excercise(演習)				
49	Basic Project for Interdisciplinary Science and Innovation 2	Miki Yoichiro	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Tue.	3,4		Ito	2 credits	Excercise(演習)				
50	Big Data Processing	Konomi Shin'ichi	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)				
51	Methodologies for Practical Data Analysis	Uchida Seiichi Hatano Kohei	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)				
52	History and Philosophy of Physics	Kanayama Koji	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Fri.	4		Ito	1 credit	Lecture(講義)				
53	History and Philosophy of Geoscience and Biology	Kanayama Koji	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Fri.	4		Ito	1 credit	Lecture(講義)				
54	Data Analytics	Okada Masaya	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	3		Ito	1 credit	Lecture(講義)				
55	Design Thinking and Engineering	Kaneko Kosuke	Second Semester (Oct-Mar)		English/Japanese	TBA			Ito	1 credit	Excercise(演習)				
56	Evolutionary Biology	Ogino Yukiko	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Fri.	5		Ito	1 credit	Lecture(講義)				
57	Developmental Biology	Nakamura Mako	Summer Quarter (second quarter: Jun.-Aug.)		English	Wed.	2		Ito	1 credit	Lecture(講義)				
58	Physiology and Behavior	Sur Chowdhury Vishwajit	Fall Quarter (third quarter: Oct.-Nov.)		English	Mon.	2		Ito	1 credit	Lecture(講義)				
59	Stress and Nutrition	Sur Chowdhury Vishwajit	Summer Quarter (second quarter: Jun.-Aug.)		English	Mon.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)				
60	Biochemistry	Douglas Drummond	Summer Quarter (second quarter: Jun.-Aug.)		English	Thu.	3		Ito	1 credit	Lecture(講義)				
61	Advanced Molecular Biology	Douglas Drummond	Fall Quarter (third quarter: Oct.-Nov.)		English	Tue.	1		Ito	1 credit	Lecture(講義)				
62	Pathophysiology	Noda Mami	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講義)				

	Course Title	Lecturer	Term	Term (intensive courses)	Language	Course Day	Course Period	Course Day/ Course Period (Intensive courses)	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus
63	Science and Health	Sumimoto Hideki	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Tue.	4		Ito	1 credit	Lecture(講義)			<a href="https://syllabus.kyushu-u.ac.jp/">https://syllabus.kyushu-u.ac.jp/</a>
64	Cognitive science	Lauwereyns Johan	Fall Quarter (third quarter: Oct.-Nov.)		English	Mon.	5		Ito	1 credit	Lecture(講義)			
65	Bioethics	Lauwereyns Johan	Spring Quarter (first quarter: Apr.-Jun.)		English	Mon.	5		Ito	1 credit	Lecture(講義)			
66	Biological Information Science	Iramina Keiji	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
67	Systems Neuroscience	Okamoto Tsuyoshi	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Fri.	2		Ito	1 credit	Lecture(講義)			
68	Cultural pluralism and the world order	Kaburagi Masahiko Se Teruhisa	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	4		Ito	1 credit	Lecture(講義)			
69	Ethics of Education	SEVILLA ANTON	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	5		Ito	1 credit	Excercise(演習)			
70	Research Methods for Human Societies	Misumi Kazuo	Winter Quarter (fourth quarter: Dec.-Feb.)		English/Japanese	Tue.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
71	Research Methods for Human Societies	Yamaguchi Hiroyuki	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Mon.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
72	Language & Communication A	Otsu Takahiro	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Wed.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
73	Language & Communication B	Uchida Satoru	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
74	Communication for Argumentation and Knowledge Creation A	Li Xiaoyan Inoue Narahiko	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
75	Communication for Argumentation and Knowledge Creation B	Inoue Narahiko Li Xiaoyan	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	2		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
76	Media and communication	Tokuhsa Satoru Takita Masahiro	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Tue.	3		Ito	1 credit	Lecture(講義)			
77	Understanding prehistoric societies A	Mizoguchi Koji	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
78	Understanding prehistoric societies B	Funahashi Kyoko	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Mon.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
79	Global Social Welfare	Inaba Miyuki	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Tue.	3		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
80	Anthropology on Life Style	Nagatani Chiyoko	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	5		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
81	International Politics	Oga Toru	Second Semester (Oct-Mar)		English	Tue.	2		Ito	2 credits	Lecture(講義)			
82	Global Performance Theory	Lazarus Ashton	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	4		Ito	1 credit	Excercise(演習)			
83	Comparative Area Studies	Yamao Dai Onimaru Takeshi	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	2		Ito	1 credit	Excercise(演習)			
84	East Asian Area Studies	Nagashima Hiroki Namigata Tsuyoshi	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	4		Ito	1 credit	Lecture(講 義)&Excercise(演習)			
85	Global and Regional Ecology	Araya Kunio Hyakumura Kumihiko	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Thu.	5		Ito	1 credit	Lecture(講義)			
86	International Relations	Masuo Chisako	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	4		Ito	1 credit	Excercise(演習)			
87	International Relations	Matsui Yasuhiro	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	2		Ito	1 credit	Lecture(講義)			

	Course Title	Lecturer	Term	Term (intensive courses)	Language	Course Day	Course Period	Course Day/ Course Period (Intensive courses)	Campus	Credits	Course Structure	Course Requirement	Remarks	Syllabus	
88	State and Politics	Onimaru Takeshi Kaburagi Masahiko Matsui Yasuhiro Se Teruhisa	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	4		Ito	1 credit	Excercise(演習)			<a href="https://syllabus.kyushu-u.ac.jp/">https://syllabus.kyushu-u.ac.jp/</a>	
89	Regional Perspective from Archeology	Tajiri Yoshinori	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	4		Ito	1 credit	Lecture(講義)				
90	Regional History	Andrew Hall	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Mon.	3		Ito	1 credit	Lecture(講義)				
91	Comparative History	Augustine Matthew Nakano Hitoshi	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Tue.	4		Ito	1 credit	Excercise(演習)				
92	Earth Material Science	Nakano Nobuhiko Osanaï Yasuhito	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Fri.	2		Ito	1 credit	Lecture(講義) &Excercise(演習)				
93	Oceanic and Atmospheric Sciences	Kida Shinichiro	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Fri.	2		Ito	1 credit	Lecture(講義)				
94	Earth Dynamics	Ohno Masao Kuwahara Yoshihiro	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Mon.	3		Ito	1 credit	Lecture(講義)				
95	Earth Sciences in Global Society	Senda Ryoko Adachi Tatsuro (Jalilinasrabady Saeid)	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	1		Ito	1 credit	Lecture(講義)				
96	Geotechnics and Disaster	Hazarika Hemanta	First Semester (Apr-Sep)		English/Japanese	Tue.	2		Ito	2 credits	Lecture(講義)				
97	Biodiversity Science	Araya Kunio Matsuo Kazunori	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Thu.	5		Ito	1 credit	Lecture(講義)				
98	Conservation Genetics	Kusumi Junko	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Wed.	4		Ito	1 credit	Lecture(講義)				
99	Environmental Conservation and Restoration	Seino Satoquo	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	TBA			Ito	1 credit	Lecture(講義) &Excercise(演習)				
100	Watershed Hydrology and Ecology	Kasahara Tamao	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Wed.	2		Ito	1 credit	Lecture(講義) &Excercise(演習)				
101	Environmental Geography	Kan Hironobu Fujioka Yuichiro	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Wed.	4		Ito	1 credit	Lecture(講義) &Excercise(演習)				
102	Environmental Urban Policy	Yamashita Jun	Fall Quarter (third quarter: Oct.-Nov.)		English/Japanese	Wed.	1		Ito	1 credit	Lecture(講義) &Excercise(演習)				
103	Environmental Governance	Oga Toru・Seino Satoquo	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Mon.	3		Ito	1 credit	Lecture(講義) &Excercise(演習)				
104	Project for Interdisciplinary Science and Innovation 1	Miki Yoichiro	Spring Quarter (first quarter: Apr.-Jun.)		English/Japanese	Tue.	3,4		Ito	2 credits	Excercise(演習)				
105	Project for Interdisciplinary Science and Innovation 2	Miki Yoichiro	Summer Quarter (second quarter: Jun.-Aug.)		English/Japanese	Tue.	3,4		Ito	2 credits	Excercise(演習)				