

Course Number List for Graduate Level

\*Course duration includes activities such as travel and orientation related to classes.

\*Please refer to the timetable of the course page for details.

No	Course Code	Course Title	Organizing Institution	Instructor(Hokkaido Univ)	Instructor(Other)	Credit	Level	Capacity	Duration		Class Room
G001		Independent Study in Science 2020 (Graduate)	Graduate School of Science	Hiroshi KAWAMURA	Faculty members, Graduate School of Science	2	Graduate	5	Please refer to the course page for details.		
G002		Independent Study in Life Science 2020 (Graduate)	Graduate School of Life Science	Tomomichi FUJITA Hiroshi KAWAMURA	Faculty members, Graduate School of Life Science	2	Graduate	5	Please refer to the course page for details.		
G003		Introduction to Flight Dynamics	Graduate School of Engineering	Hroshi TERASHIMA Yusuke TAKAHASHI	Lars STEFFENS (Supersonic and Hypersonic Technology Department, German Aerospace Center)	2	Master	50	01/Jun/2020	12/Jun/2020	
G004		Leading and Advanced Materials Chemistry and Engineering IIIB (Corrosion Engineering)	Graduate School of Chemical Sciences and Engineering	Kazuhisa AZUMI		1	Graduate	45	01/Jun/2020	04/Jun/2020	
G005		Chirality and Chemical Biology	Faculty of Advanced Life Science	Kenji MONDE Tohru TANIGUCHI Yuta MURAI	Babak BORHAN (Department of Chemistry, Michigan State University)	1	Graduate	30	02/Jun/2020	04/Jun/2020	
G006		Diversity in Agriculture	Graduate School of Global Food Resources	Toshihiko YAMADA Yoshitaka UCHIDA Taichi TAKASUKA Tomohiro MITANI	Amanda BAYER (University of Massachusetts)	1	Master	25	02/Jun/2020	05/Jun/2020	
G007		Leading and Advanced Materials Chemistry and Engineering IIIA (Instrumentation Chemistry)	Graduate School of Chemical Sciences and Engineering	Yasuchika HASEGAWA Yuichi KITAGAWA		1	Graduate	140	08/Jun/2020	11/Jun/2020	
G008		Fish physiology for sustainable aquaculture and resource enhancement	Graduate School of Fisheries Sciences	Munetaka SHIMIZU	Tom Ole NILSEN (Department of Biological Sciences, University of Bergen)	1	Master	20	15/Jun/2020	19/Jun/2020	
G009		Elasticity	Graduate School of Engineering	Hiroyuki KATO		2	Graduate	30	15/Jun/2020	24/Jun/2020	
G010		Leading and Advanced Biological and Polymer Chemistry and Engineering IA (Integrating high-throughput protein engineering and evolutionary biology to predict how microbes evolve)	Graduate School of Chemical Sciences and Engineering	Kazuyasu SAKAGUCHI Rui KAMADA	Adrian SEROHIJOS (Faculty of Medicine, University of Montreal)	1	Graduate	37	15/Jun/2020	18/Jun/2020	
G011		Environmental Health and Sustainable Development Goals I	Center for Environmental and Health Sciences	Atsuko ARAKI Machiko MINATOYA Tatsufumi OKINO Reiko KISHI Yu AIT BAMA Keiko YAMAZAKI	Paul JAGALS (Centre for Children's Health Research, University of Queensland) Marco MARTUZZI (WHO Asia-Pacific Centre for Environment and Health in the Western Pacific Region, WHO) Colleen LAU (Department of Global Health, The Australian National University) TBA (Japan International Cooperation Agency (JICA) )	1	Graduate	30	15/Jun/2020	19/Jun/2020	[Sapporo Campus] Faculty of Medicine, Central Research Building 5F 5-1
G012		Human-Computer Interaction	Graduate School of Information Science and Technology	Daisuke SAKAMOTO Tetsuo ONO	James Everett YOUNG (Department of Computer Science, University of Manitoba)	2	Master	20	16/Jun/2020	25/Jun/2020	
G013		Special Lecture on Drug Discovery Science I (Life innovation seminar)	Faculty of Pharmaceutical Sciences	Katsumi MAENAKA Kenji MONDE Shin-Ichiro NISHIMURA	Kota KODAMA (Ritsumeikan University) Other several members estimate ( )	1	Graduate	100	18/Jun/2020	06/Aug/2020	
G014		Leading and Advanced Molecular Chemistry and Engineering IIIA (Data Science in Chemistry and Material Science)	Graduate School of Chemical Sciences and Engineering	Keisuke TAKAHASHI		1	Graduate	45	22/Jun/2020	24/Jun/2020	

G015	Leading and Advanced Biological and Polymer Chemistry and Engineering IIIB (Modern Trends in Organic Chemistry and Biological Chemistry)	Graduate School of Chemical Sciences and Engineering	Yota MURAKAMI Kosei UENO Takeshi UCHIDA Tomohiro IWAI Abhijit SHROTRI Makoto WAKESHIMA Yoshihiro DOI Tomohiro FUKUSHIMA		1	Graduate	45	22/Jun/2020	24/Jun/2020	
G016	Environmental Health and Sustainable Development Goals II	Center for Environmental and Health Sciences	Atsuko ARAKI Machiko MINATOYA Taro YAMAUCHI Yoshihide OBAYASHI Mayumi ISHIZUKA Sumitaka KOBAYASHI	Tsuyoshi KAWAKAMI (International Labour Organization (ILO) ) Le Thai HA (National Institute of Occupational and Environmental Health (NIOEH) , Vietnam) TBA (Japan International Cooperation Agency (JICA) )	1	Graduate	30	19/Jun/2020	26/Jun/2020	[Sapporo Campus] Faculty of Medicine, Central Research Building 5F 5-1
G017	Big Ideas in Tourism	Research Faculty of Media and Communication	Johan EDELHEIM	Dianne DREDGE (Department of Services Research, Lund University, and The Tourism CoLab)	1	Graduate	20	23/Jun/2020	01/Jul/2020	
G018	Researchers & Creators: Think about Forest with Data	Institute for the Advancement of Higher Education	Hyunjung PARK	Pawel JANICKI (WRO center for media art)	1	Master	20	23/Jun/2020	26/Jun/2020	
G019	Bioinformatics and Computational Biology	Graduate School of Infectious Diseases	Kimihito ITO Kanao KOYANAGI Manabu IGARASHI Ryosuke OMORI		1	Ph.D	10	24/Jun/2020	01/Jul/2020	
G020	Conditioning for Sports and Health	Faculty of Health Sciences	Mina SAMUKAWA Hitoshi WAKABAYASHI Yujiro YAMANAKA	Craig HELLER (School of Humanities & Sciences, Stanford University)	1	Graduate	15	29/Jun/2020	02/Jul/2020	
G021	Advanced Fluid Engineering	Graduate School of Engineering	Nobuyuki OSHIMA Masao WATANABE Yuichi MURAI Yuji TASAKA Hiroshi TERASHIMA Kazumichi KOBAYASHI	Peter FISCHER (Institute of Food, Nutrition and Health, ETH Zurich)	2	Master	50	29/Jun/2020	10/Jul/2020	
G022	Leading and Advanced Biological and Polymer Chemistry and Engineering IIA (Colloid and Interface Science and Their Molecular Simulations)	Graduate School of Chemical Sciences and Engineering	Takuya YAMAMOTO Toshifumi SATOH	Yu-Jane SHENG (Department of Chemical Engineering, National Taiwan University) Heng-Kwong TSAO (Department of Chemical and Materials Engineering, National Central University)	1	Graduate	40	29/Jun/2020	03/Jul/2020	
G023	Academic Paper-Writing Workshop for Cultural and Social Psychological Journals 2020	Graduate School of Humanities and Human Sciences	Masaki YUKI	Takahiko MASUDA (Department of Psychology, University of Alberta, Canada) Sawa SENZAKI (Human Development and Psychology Departments, University of Wisconsin-Green Bay, USA)	1	Graduate	10	29/Jun/2020	03/Jul/2020	
G024	Advancements in Disaster Risk Reduction (DRR)	Graduate School of Environmental Science	Ram AVTAR Jorge Garcia MOLINOS	Akhilesh SURJAN (College of Indigenous Futures, Arts and Society, Charles Darwin University, Australia)	1	Master	25	01/Jul/2020	03/Jul/2020	
G025	Materials Thermodynamics	Graduate School of Engineering	Ryosuke O. SUZUKI	Xiao YANG (Department of Advanced Materials Science, Graduate School of Frontier Sciences, The University of Tokyo)	1	Master	40	01/Jul/2020	10/Jul/2020	
G026	Advanced Biomechanics	Graduate School of Engineering	Toshiro OHASHI	Daniel L BADER (University of Southampton, UK)	1	Graduate	20	01/Jul/2020	03/Jul/2020	
G027	Leading and Advanced Materials Chemistry and Engineering II (Advanced Instrumental Analysis for Life Science)	Graduate School of Chemical Sciences and Engineering	Kei MURAKOSHI	Dechen JIANG (School of Chemistry and Chemical Engineering, Nanjing University)	1	Graduate	20	01/Jul/2020	03/Jul/2020	
G028	Climate Change: Impacts, Vulnerability and Adaptation	Graduate School of Environmental Science	Ram AVTAR Tomonori SATO	Akhilesh SURJAN (College of Indigenous Futures, Arts and Society, Charles Darwin University, Australia)	1	Master	25	06/Jul/2020	08/Jul/2020	

G029	Recent topics in metric spaces: magnitude and persistent homology	Graduate School of Science	Masahiko YOSHINAGA	Yasuaki HIRAOKA (Institute for Advanced Study, Kyoto University) Tom LEINSTER (School of Mathematics, University of Edinburgh) Simon WILLERTON (School of Mathematics and Statistics, University of Sheffield)	1	Graduate	50	06/Jul/2020	09/Jul/2020	
G030	Introduction to PARE II: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Yasuo KOBAYASHI Takumi KONDO Hideyuki MATSUURA Yasuaki TAKAGI John Richard BOWER		1	Master	40	06/Jul/2020	15/Jul/2020	
G031	Introduction to PARE I: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Junjiro NEGISHI Takashi INOUE Takuro SHINANO Yuichi KAMIYA Tatsufumi OKINO		1	Master	40	06/Jul/2020	15/Jul/2020	
G032	Introduction to PARE III: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Toshifumi IGARASHI Osamu FUJITA Norihiro IZUMI Kunihiro KISHI Yasumasa TOJO		1	Master	40	06/Jul/2020	15/Jul/2020	
G033	Biomass energy utilization system	Faculty of Engineering	Kazuei ISHII Masahiro SATO Satoru OCHIAI		1	Master	30	06/Jul/2020	09/Jul/2020	
G034	Leading and Advanced Biological and Polymer Chemistry and Engineering IIIA (Introduction of Biological Chemistry)	Graduate School of Chemical Sciences and Engineering	Yota MURAKAMI Akinori TAKAOKA		1	Graduate	45	06/Jul/2020	10/Jul/2020	
G035	International Course on Integrated Marine Biology and Ecology I	Field Science Center for Northern Biosphere	Chikako NAGASATO Kensuke ICHIHARA	Phaik Eem LIM (Institute of Ocean and Earth Science, University of Malaya) Joe ZUCCARELLO (School of Biological Sciences, Victoria University of Wellington)	1	Graduate	15	06/Jul/2020	11/Jul/2020	
G036	Life Science Special Lecture III (Reading Comprehension of Frontier Papers on Cell Biology 2020)	Graduate School of Life Science	Ryota UEHARA	Sarada BULCHAND (Duke-NUS Medical School, Singapore) Mithilesh MISHRA (Department of Biological Sciences, Tata Institute of Fundamental research)	1	Master	10	07/Jul/2020	10/Jul/2020	
G037	Leading and Advanced Materials Chemistry and Engineering IA (Advanced Materials for Clean Energy and Clean Environment)	Graduate School of Chemical Sciences and Engineering	Kiyoharu TADANAGA Akira MIURA Nataly Carolina ROSERO NAVARRO	Franklin JARAMILLO (Faculty of Engineering, University of Antioquia)	1	Graduate	50	07/Jul/2020	10/Jul/2020	
G038	A Critical Inquiry of the Notion of Futurity in Post-Nuclear Disaster Societies	Faculty of Education	Eiko TSUCHIDA	Tomoe OTSUKI (Center for Japanese Studies, University of California, Berkeley)	1	Graduate	25	08/Jul/2020	17/Jul/2020	
G039	Special Lecture in Protein Science (Soft Matter Structural Analysis 2)	Graduate School of Life Science	Tomoyasu AIZAWA	Hans J. VOGEL (Bio-NMR Centre, University of Calgary)	1	Graduate	40	13/Jul/2020	22/Jul/2020	
G040	Special Training in Protein Science (Special Training on NMR in Life Science 2)	Graduate School of Life Science	Tomoyasu AIZAWA	Hiroaki ISHIDA (University of Calgary) Izuru KAWAMURA (Yokohama National University) Kenji SUGASE (Graduate School of Engineering, Kyoto University)	1	Graduate	40	13/Jul/2020	22/Jul/2020	
G041	Methods of Practical Science for Environment I	Graduate School of Environmental Science	Yasuhiro YAMANAKA Takafumi HIRATA	Shin-Cheng YEH (Graduate Institute of Environmental Education, National Taiwan Normal University) Huiching YU (Center for General Education, Cheng Shiu University) Yukari HIGUCHI (Department of English and Global Communication, Kyoto Tachibana University)	1	Master	15	06/Jul/2020	10/Jul/2020	

G042	Introduction to Practical Science for Environment I	Graduate School of Environmental Science	Yasuhiro YAMANAKA Masahiko FUJII Takafumi HIRATA	Shin-Cheng YEH (Graduate Institute of Environmental Education, National Taiwan Normal University) Huiching YU (Center for General Education, Cheng Shiu University) Yukari HIGUCHI (Department of English and Global Communication, Kyoto Tachibana University)	2	Master	15	06/Jul/2020	10/Jul/2020
G043	Sediment Transport	Graduate School of Engineering	Norihiro IZUMI	Enrica VIPARELLI (Department of Civil and Environmental Engineering, University of South Carolina)	2	Master	30	13/Jul/2020	22/Jul/2020
G044	Advanced Nuclear Waste Management	Graduate School of Engineering	Naoko WATANABE Tamotsu KOZAKI	Shih-Chin TSAI (Nuclear Science and Technology Development Center, National Tsing Hua University, Taiwan) Toshihiko OHNUKI (Institute of Innovative Research, Tokyo Institute of Technology)	1	Graduate	15	13/Jul/2020	17/Jul/2020
G045	Water Chemistry	Graduate School of Engineering	Hisashi SATOH		1	Master	5	13/Jul/2020	16/Jul/2020
G046	Leading and Advanced Materials Chemistry and Engineering IB (Big-data and machine learning method in materials science)	Graduate School of Chemical Sciences and Engineering	Akira MIURA Kiyoharu TADANAGA	Wenhao SUN (University of Michigan)	1	Graduate	60	13/Jul/2020	15/Jul/2020
G047	Agricultural Resource Economics	Graduate School of Global Food Resources	Yoko SAITO	Ram PANDIT (The University of Western Australia)	1	Master	15	10/Jul/2020	21/Jul/2020
G048	Advanced Organometallic Chemistry for Synthetic Organic Chemistry	Faculty of Pharmaceutical Sciences	Yoshihiro SATO Yoshihiro OONISHI Ryohei DOI	Hsyueh-Liang WU (Department of Chemistry, National Taiwan Normal University)	1	Graduate	50	13/Jul/2020	16/Jul/2020
G049	Leading and Advanced Molecular Chemistry and Engineering IIC (Photoscience for Energy Conversions)	Graduate School of Chemical Sciences and Engineering	Kei MURAKOSHI	Eric Wei-Guang DIAU (Department of Applied Chemistry and Institute of Molecular Science, National Chiao Tung University)	1	Graduate	20	14/Jul/2020	16/Jul/2020
G050	3D Earth Structure - from the field to the drillcore	Faculty of Science	Toru TAKESHITA	Marco HERWEGH (Institute for Geology, University of Bern) Norio SHIGEMATSU (Research Institute of Earthquake and Volcano Geology, Geological Survey of Japan - AIST)	2	Graduate	20	15/Jul/2020	25/Jul/2020
G051	Advanced infrastructure design	Faculty of Engineering	Toru HAGIWARA Kenetsu UCHIDA Shunji KANIE Satoshi SUGIURA Shinei TAKANO Sho TAKAHASHI	Satoru TSUTAE (International Operations Headquarters, Taisei Corporation)	1	Master	30	15/Jul/2020	20/Jul/2020
G052	Advanced Lecture on Biological Defense	Graduate School of Infectious Diseases	Hideaki HIGASHI Masashi SHINGAI	Lorena BROWN (The University of Melbourne) Elizabeth HARTLAND (The University of Melbourne) Brendon CHUA (The University of Melbourne)	1	Ph.D	30	TBA	TBA
G053	Advanced Marine Biotechnology and Microbiology I: Bioinformatics for Marine Life Science	Graduate School of Fisheries Sciences	Tomoo SAWABE Sayaka MINO	Pedro Milet MEIRELLES (Federal University of Bahia)	1	Graduate	30	16/Jul/2020	22/Jul/2020
G054	State-of-the-Art Seismic Protection Systems using Variable Stiffness	Faculty of Engineering	Kazutaka SHIRAI	Kenneth WALSH (Department of Civil Engineering, Ohio University)	1	Graduate	20	16/Jul/2020	21/Jul/2020
G055	Training Course for Behavioral Pharmacology/Neuroscience	Graduate School of Medicine	Mitsuhiro YOSHIOKA Yu OHMURA Hiroshi NOMURA Yucef BOUCHEKIOUA	Yihui CUI (School of Medicine, Zhejiang University)	2	Graduate	8	16/Jul/2020	22/Jul/2020
G056	Interpretation of Earth paleoenvironments from core samples	Faculty of Science	Ken SAWADA	Hideto NAKAMURA (Graduate School of Science, Osaka City University)	2	Master	25	17/Jul/2020	25/Jul/2020

G057	Catalysis Principle and Catalyst Design	Institute for Catalysis	Jun-ya HASEGAWA Satoru TAKAKUSAGI Ewa KOWALSKA Abhijit SHROTRI	Adriana ZALESKA-MEDYNSKA (Faculty of Chemistry, Department of Environmental Technology, University of Gdansk) Agata MARKOWSKA-SZCZUPAK (Institute of Inorganic Technology and Environment Engineering, West Pomeranian University of Technology (WPUT) ) Marcin JANCZAREK (Department of Process Engineering and Chemical Technology, Poznan University of Technology (PUT) ) Chi Lun PANG (Surface Science Research Centre and Department of Chemistry, University of Liverpool) Ayman M KARIM (Department of Chemical Engineering, Virginia Tech)	1	Graduate	30	17/Jul/2020	30/Jul/2020
G058	International Course on Integrated Marine Biology and Ecology II	Field Science Center for Northern Biosphere	Masahiro NAKAOKA Tomonori ISADA Ippei SUZUKI	Siti Maryam YAAKUB (Department of Ecological Habitats and Processes, DHI Group)	1	Graduate	15	17/Jul/2020	21/Jul/2020
G059	Introduction to Ainu and Indigenous Studies I: Indigenous Heritage, Repatriation and Intellectual Property Issues	Center for Ainu and Indigenous Studies	Hirofumi KATO Shiaki KONDO	George NICHOLAS (Department of Archaeology, Simon Fraser University)	2	Master	10	19/Jul/2020	23/Jul/2020
G060	Introduction to PARE IV: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Masahiko FUJII Masatoshi SASAOKA	Fumikazu UBUKATA (Okayama University) Henny OSBAHR (University of Reading) Alice SHARP (Chiang Mai University) ROTO (Department of Chemistry, Faculty of Mathematics and Natural Sciences, Gadjah Mada University)	1	Master	40	TBA	TBA
G061	Leading and Advanced Molecular Chemistry and Engineering IIA (The Chemistry and Biology of Natural Products)	Graduate School of Chemical Sciences and Engineering	Takeshi OHKUMA	Xiaoguang LEI (Department of Chemical Biology, Peking University)	1	Graduate	50	20/Jul/2020	22/Jul/2020
G062	Leading and Advanced Materials Chemistry and Engineering IIIC (Functional Solid State Materials Chemistry)	Graduate School of Chemical Sciences and Engineering	Toshihiro SHIMADA		1	Graduate	40	20/Jul/2020	22/Jul/2020
G063	Economics of Happy Places: A Culture-Based Development Approach	Graduate School of Economics and Business	Tsutomu HASHIMOTO	Annie K. TUBADJI (Economics Department, Swansea University, the UK)	2	Master	20	06/Jul/2020	17/Jul/2020
G064	Mechanism, Assessment and Remediation of Environmental Pollution	Graduate School of Veterinary Medicine	Mayumi ISHIZUKA Yoshinori IKENAKA Shouta NAKAYAMA Toshifumi IGARASHI Yoshitaka UCHIDA Kazuhiro TOYODA Takeshi SAITO Masato HIWATARI	Kazuyo HIROSE (International Affairs Department, Japan Space Systems)	1	Graduate	20	20/Jul/2020	22/Jul/2020
G065	Advanced General Plant Breeding	Graduate School of Agriculture	Chikara MASUTA Yuji KISHIMA Tomohiko KUBO Kenji NAKAHARA	Takeshi MATSUMURA (National Institute of Advanced Industrial Science and Technology (AIST) ) Takehiro OHKI (Specially-appointed Associate Professor, Hokkaido University) Peter PALUKAITIS (Seoul Women's University) Ki Hyun RYU (Seoul Women's University) Shih-Shun LIN (National Taiwan University)	2	Master	26	21/Jul/2020	31/Jul/2020
G066	International Course on Integrated Marine Biology and Ecology III	Field Science Center for Northern Biosphere	Masahiro NAKAOKA Tomonori ISADA Ippei SUZUKI	Yoshiyuki TANAKA (Hachinohe Institute of Technology)	1	Graduate	15	21/Jul/2020	25/Jul/2020
G067	Introduction to Ainu and Indigenous Studies II: Ainu culture, Indigenous Heritage and Cultural landscape	Center for Ainu and Indigenous Studies	Hirofumi KATO Shiaki KONDO	Joe WATKINS (Society of American Archaeology, Department of Anthropology, University of Maryland)	2	Master	10	26/Jul/2020	29/Jul/2020

G068	Advanced Aquaculture Genetics and Genomics I: Polyploid fish-atypical reproduction and its application	Graduate School of Fisheries Sciences	Hiroyuki MIZUTA Takafumi FUJIMOTO	Alicja BOROŃ (Faculty of Biology and Biotechnology, University of Warmia and Mazury in Olsztyn)	1	Graduate	16	27/Jul/2020	31/Jul/2020	
G069	Ocean Sustainability (Marine environments, Resources, Blue Growth & Blue Economy)	Faculty of Science	Helena FORTUNATO Masahiro NAKAOKA	Teresa BORGES (Faculty of Sciences and Technology, University of Algarve, Portugal) Hiroyuki MATSUDA (Faculty of Environment and Information Sciences, Yokohama National University)	1	Graduate	15	24/Jul/2020	31/Jul/2020	
G070	Field Work Training I for PARE: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Junjiro NEGISHI Ryusuke HATANO Satoshi KOIKE Hajime MATSUSHIMA Toshifumi IGARASHI Tsubasa OTAKE Ryo TAKEDA John Richard BOWER Takashi INOUE	Chantha OEURNG (Institute of Technology of Cambodia)	2	Master	40	TBA	TBA	
G071	Seminar I for PARE: Populations-Activities-Resources-Environments Chain	Research Faculty of Agriculture	Junjiro NEGISHI Ryusuke HATANO Satoshi KOIKE Hajime MATSUSHIMA Toshifumi IGARASHI Tsubasa OTAKE Ryo TAKEDA John Richard BOWER Takashi INOUE	Chantha OEURNG (Institute of Technology of Cambodia)	1	Master	40	TBA	TBA	
G073	Leading and Advanced Biological and Polymer Chemistry and Engineering IIC (Molecular Design and Precise Synthesis of Macromolecular Architectures by Means of Living Anionic Polymerization)	Graduate School of Chemical Sciences and Engineering	Toshifumi SATOH	Akira HIRAO (Professor Emeritus, Tokyo Institute of Technology Distinguished Chair Professor, National Taiwan University)	1	Graduate	45	27/Jul/2020	31/Jul/2020	
G074	Advanced and Comprehensive Studies on Chemical Hazard Control I: Field Toxicogy & Risk	Graduate School of Veterinary Medicine	Yoshinori IKENAKA Shouta NAKAYAMA Motohiro HORIUCHI Norikazu ISODA Mayumi ISHIZUKA		2	Graduate	10	27/Jul/2020	21/Aug/2020	
G075	Statistical Analysis of Food Security	Graduate School of Global Food Resources	Yoko SAITO	Rickard SANDBERG (Stockholm School of Economics) Tomoaki NAKATANI (Yokohama City University)	1	Master	15	22/Jul/2020	29/Jul/2020	
G076	Introduction to Brain Science VI: The Foundations of Cognitive Sciences	Research and Education Center for Brain Science	Kenji OGAWA Yasuhiro KAWABATA Mayumi ADACHI Jun-ichiro KAWAHARA Hiromi WADA Yujiro YAMANAKA		1	Graduate	30	27/Jul/2020	30/Jul/2020	
G077	Advanced and Comprehensive Studies on Chemical Hazard Control III: Comprehensive Studies on Chemical Hazard Control	Graduate School of Veterinary Medicine	Mayumi ISHIZUKA Toshio TSUBOTA Takashi KIMURA Kenichi OTSUGURO Manabu IGARASHI Osamu ICHII Kazuhiko OHASHI		1	Graduate	10	28/Jul/2020	11/Aug/2020	
G078	Remote Sensing and Land Surveying with Unmanned Aerial Vehicles (UAVs)	Graduate School of Environmental Science	Ram AVTAR Teiji WATANABE Yuichi HAYAKAWA	Kanichiro MATSUMURA (Natural Resource and Economic Development, Tokyo University of Agriculture)	1	Master	25	29/Jul/2020	31/Jul/2020	

G079	Advanced Heat and Mass Transfer for Renewable Energy Use	Graduate School of Engineering	Katsunori NAGANO Masahiko YAMADA Takahiro NOMURA Takao KATSURA Yoshitaka SAKATA	Binxi LI (School of Energy Science and Engineering, Harbin Institute of Technology) Yaning ZHANG (School of Energy Science and Engineering, Harbin Institute of Technology) Marek REBOW (College of Engineering & Built Environment, Dublin Institute of Technology)	1	Master	50	30/Jul/2020	31/Jul/2020
G080	Modernization and future of national land development in Japan	Graduate School of Engineering	Michael HENRY Takashi MATSUMOTO Hiroshi YOKOTA Koji MATSUMOTO Yoichi WATABE Takafumi SUGIYAMA Kunihiro KISHI Gaku TANAKA		1	Graduate	30	TBA	TBA
G081	Modernization and future of disaster prevention in Japan	Graduate School of Engineering	Tomohito YAMADA Yasuyuki SHIMIZU Norihiro IZUMI Tatsuya ISHIKAWA Yasunori WATANABE Koichi ISOBE	JICA Expert	1	Graduate	30	TBA	TBA
G082	Advanced and Comprehensive Studies on Chemical Hazard Control V: Informatics	Graduate School of Veterinary Medicine	Mayumi ISHIZUKA Yoshinori IKENAKA Shouta NAKAYAMA Manabu IGARASHI		1	Graduate	0	30/Jul/2020	31/Jul/2020
G083	What about disability?: From disability to the concept of accessibility	Faculty of Education	Yu NAMIOKA Hiromichi KATO	Nawal BENZAOUIA (Massiraa a Agency) Yuho ASAKA	1	Graduate	15	25/Aug/2020	26/Aug/2020
G084	International Archaeological Field School in Rebus Island (for Graduate student)	Center for Ainu and Indigenous Studies	Hirofumi KATO Shiaki KONDO	Joe WATKINS (Society of American Archaeology, Department of Anthropology, University of Maryland)	2	Master	10	02/Aug/2020	23/Aug/2020
G085	RJE3 Special Seminar I: Rebus International Anthropological Field School	Center for Ainu and Indigenous Studies	Hirofumi KATO Shiaki KONDO	Aleksander POPOV (Education and Science Museum, Far Eastern Federal University) Ekaterina VINOGRADOVA (Department of Archaeology, Moscow State University) Vladislav ZHITENEV (Department of Archaeology, Moscow State University)	2	Master	10	02/Aug/2020	22/Aug/2020
G086	RJE3 Special Seminar I: Energy Security in Cold Climate Region	Graduate School of Engineering	Taro MORI	Ivo MARTINAC (Building Services and Energy Systems, KTH Royal Institute of Technology) Yuki SADAIKE (The Center for Integrated Disaster Information Research (CIDIR) ) Takafumi NOGAWA (Hokkaido Electric Power Co., Inc.)	1	Graduate	20	TBA	TBA
G087	Advanced and Comprehensive Studies on Chemical Hazard Control II: Chemical Analyses	Graduate School of Veterinary Medicine	Mayumi ISHIZUKA Yoshinori IKENAKA Shouta NAKAYAMA		2	Graduate	5	03/Aug/2020	07/Aug/2020
G088	Training Course for Electrophysiology	Faculty of Pharmaceutical Sciences	Masabumi MINAMI Taiju AMANO Hiroshi NOMURA Takayuki YOSHIDA		2	Graduate	8	03/Aug/2020	07/Aug/2020
G089	Introduction to Artificial Intelligence, Big Data, and Cybersecurity for Graduate Students	Graduate School of Information Science and Technology	Masaharu YOSHIOKA Hiroki ARIMURA Thomas ZEUGMANN Satoshi OYAMA Hiroyuki IIZUKA	James ALLAN (College of Information and Computer Sciences, University of Massachusetts Amherst)	1	Graduate	35	TBA	TBA
G090	Space Policy of the World and Japan	Graduate School of Public Policy	Kazuto SUZUKI		2	Graduate	30	TBA	TBA
G091	Social Pedagogy in Practice (I)	Faculty of Education	Takashi MIYAZAKI	Peta OHATA (Institution of Youth Work)	1	Master	40	10/Aug/2020	11/Aug/2020

G092	Social Pedagogy in Practice (II)	Faculty of Education	Takashi MIYAZAKI	Kieron HATTON	1	Master	40	11/Aug/2020	12/Aug/2020	
G093	Subjects on Fundamental Veterinary Science: Advanced Wildlife and Conservation Medicine	Graduate School of Veterinary Medicine	Toshio TSUBOTA Michito SHIMOZURU Mariko SASHIKA Seiji KATAGIRI	Anna Louise MEREDITH (Melbourne Veterinary School, University of Melbourne)	1	Ph.D	20	13/Aug/2020	17/Aug/2020	
G094	RJE3 Special Seminar I: Fieldwork on Development Technologies in Cold Region	Faculty of Engineering	Tsuyoshi SETOGUCHI Taro MORI Norihiro WATANABE	Evgenia SAMSONOVA (Institute of Architecture and Design, Pacific National University)	2	Graduate	5	17/Aug/2020	23/Aug/2020	
G095	Leading and Advanced Biological and Polymer Chemistry and Engineering IIB (Design, Synthesis and Applications of Functional Polymers via Step-Growth Polymerization)	Graduate School of Chemical Sciences and Engineering	Toshifumi SATOH	Guey-Sheng LIOU (Institute of Polymer Science & Engineering, National Taiwan University)	1	Graduate	45	17/Aug/2020	21/Aug/2020	
G096	Advanced and Comprehensive Studies on Chemical Hazard Control IV: Environmental Remediation	Graduate School of Veterinary Medicine	Mayumi ISHIZUKA Yuichi KAMIYA	Kazuyo HIROSE (International Affairs Department, Japan Space Systems)	1	Graduate	0	17/Aug/2020	19/Aug/2020	
G099	Special lecture of the basics of biomedicine	Faculty of Pharmaceutical Sciences	Katsumi MAENAKA Satoshi ICHIKAWA Akira MATSUDA Naoyoshi MAEDA Atsushi FURUKAWA Hideo FUKUHARA Takashi TADOKORO Takao NOMURA Shunsuke KITA Masato SUMI	Simon J DAVIS (Nuffield Department of Clinical Medicine, University of Oxford) Jose Manuel Martinez CAAVEIRO (Graduate School of Pharmaceutical Sciences, Kyushu University) Kota KODAMA (Ritsumeikan University)	1	Master	30	17/Aug/2020	21/Aug/2020	
G100	Special lecture of the state-of-the-art drug development	Faculty of Pharmaceutical Sciences	Katsumi MAENAKA Satoshi ICHIKAWA Akira MATSUDA Naoyoshi MAEDA Atsushi FURUKAWA Hideo FUKUHARA Takashi TADOKORO Takao NOMURA Shunsuke KITA Masato SUMI	Simon J DAVIS (Nuffield Department of Clinical Medicine, University of Oxford) Hironori NAKAMURA (Biomodeling Research Co., Ltd.) Jose Manuel Martinez CAAVEIRO (Graduate School of Pharmaceutical Sciences, Kyushu University) Kota KODAMA (Ritsumeikan University)	1	Master	30	19/Aug/2020	25/Aug/2020	
G101	Fisheries Engineering I	Graduate School of Fisheries Sciences	Tsutomu TAKAGI	François POISSON (Laboratory of Sete, Department of Biological Resources and Environment, IFREMER)	1	Master	30	24/Aug/2020	28/Aug/2020	
G102	Practical Applications of Structural Dynamics	Faculty of Engineering	Taichiro OKAZAKI Ryota MATSUI		1	Master	40	24/Aug/2020	28/Aug/2020	
G103	Leading and Advanced Molecular Chemistry and Engineering IIB (Modern Catalytic Methodology in Higher Substituted Alkene Synthesis)	Graduate School of Chemical Sciences and Engineering	Masaya SAWAMURA	Chun-Yu Jason HO (Department of Chemistry, Southern University of Science & Technology (SUSTech) )	1	Graduate	45	24/Aug/2020	26/Aug/2020	
G104	The current practice of epidemiology on lifestyles and health-related outcomes in China and Japan	Graduate School of Medicine	Akiko TAMAKOSHI Wenjing ZHAO Takashi KIMURA	Weidong WU (School of Public Health, Xixiang Medical University) Xudong LIU (School of Public Health, Sun Yat-Sen University) Xiaofang JIA (National Institute for Nutrition and Health, Chinese Center for Disease Control and Prevention)	1	Graduate	30	24/Aug/2020	27/Aug/2020	
G105	RJE3 Introduction: Environment, Culture and Sustainable Development in Far East and Arctic Region	Center for Ainu and Indigenous Studies	Hirofumi KATO Shinichiro TABATA Atsuko SUGIMOTO Tsuyoshi SETOGUCHI	Sergei KUZNETSOV (Faculty of History, Irkutsk State University)	2	Master	50	24/Aug/2020	28/Aug/2020	
G106	Adhesive/dental materials/dental pulp: basic	Faculty of Dental Medicine	Yasutaka YAWAKA Hidehiko SANO Monica YAMAUTI Shuhei HOSHIKA		1	Graduate	20	25/Aug/2020	28/Aug/2020	



G107	Training course for Drug Delivery System	Faculty of Pharmaceutical Sciences	Hideyoshi HARASHIMA Yuma YAMADA Takashi NAKAMURA Yusuke SATO Ikramy A KHALIL	Chieko ISHIGURO (Pharmaceuticals and Medical Devices Agency (PMDA) ) Misa HIROSE (Lübeck Institute of Experimental Dermatology, University of Lübeck) Jun YAMAUCHI (Department of Pediatrics, Children's Hospital of Pittsburgh of UPMC, School of Medicine, University of Pittsburgh)	1	Graduate	10	16/Sep/2020	18/Sep/2020	
G108	Basic Nano Scale Analysis of Materials	Graduate School of Engineering	Tetsu YONEZAWA	Kheawhom SOORATHEP (Faculty of Engineering, Chulalongkorn University)	1	Master	50	26/Aug/2020	28/Aug/2020	
G109	Life Science Special Lecture III (Advanced Fluorescence Microscopy in Life Science Research)	Graduate School of Life Science	Masataka KINJO	Vladana VUKOJEVIC (Center for Molecular Medicine (CMM) , Karolinska Institute) Thorsten WOHLAND (National University of Singapore) Yasushi HIRAOKA (Graduate School of Frontier Biosciences, Osaka University) Tokuko HARAGUCHI (Advanced ICT Research Institute Kobe, National Institute of Information and Communications Technology) Hiroshi KIMURA (Graduate School of Bioscience and Biotechnology, Tokyo Institute of Technology) Ikuo WADA (Fukushima Medical University)	1	Graduate	12	31/Aug/2020	06/Sep/2020	
G110	Life Science Special Lecture III (Practical bioimaging workshop for life sciences)	Graduate School of Life Science	Masataka KINJO Akira KITAMURA Johtaro YAMAMOTO	Vladana VUKOJEVIC (Center for Molecular Medicine (CMM) , Karolinska Institute) Thorsten WOHLAND (National University of Singapore) Sho OASA (Karolinska Institute)	1	Graduate	12	31/Aug/2020	06/Sep/2020	
G111	Application of Nano Scale Analysis of Materials	Graduate School of Engineering	Tetsu YONEZAWA	Ying-Chih LIAO (Faculty of Engineering, National Taiwan University) Tomoharu TOKUNAGA (Faculty of Engineering, Nagoya University)	1	Master	50	31/Aug/2020	02/Sep/2020	
G112	Adhesive/dental materials/dental pulp: advanced	Faculty of Dental Medicine	Yasutaka YAWAKA Hidehiko SANO Monica YAMAUTI Shuhei HOSHIKA		1	Graduate	20	31/Aug/2020	03/Sep/2020	
G113	Special Course on Medicinal Chemistry	Faculty of Pharmaceutical Sciences	Satoshi SHUTO Satoshi ICHIKAWA Fumika YAKUSHIJI Mizuki WATANABE	Lak Sin JEONG (College of Pharmacy, Seoul National University)	1	Master	20	31/Aug/2020	02/Sep/2020	
G114	Logic (Seminar) : Introduction to Logic 2020	Graduate School of Humanities and Human Sciences	Katsuhiko SANO Tomoyuki YAMADA		2	Graduate	15	31/Aug/2020	04/Sep/2020	
G115	Theory and application of Deep Learning	Faculty of Information Science and Technology	Masaharu YOSHIOKA	Richard XU (School of Electrical and Data Engineering, University of Technology Sydney)	1	Graduate	20	31/Aug/2020	04/Sep/2020	
G116	RJE3 Special Seminar I: Past and Present of Hokkaido: History of Ishikari and Sorachi	Graduate School of Humanities and Human Sciences	Asahiko SHIRAKIZAWA		2	Graduate	5	01/Sep/2020	04/Sep/2020	
G117	Integrated Materials and Life Science (Molecular Cell Dynamics I and II)	Graduate School of Life Science	Masataka KINJO	Vladana VUKOJEVIC (Center for Molecular Medicine (CMM) , Karolinska Institute) Thorsten WOHLAND (National University of Singapore)	1	Graduate	12	04/Sep/2020	06/Sep/2020	
G118	Magnetic resonance experiments as a probe of the local electronic properties of materials	Graduate School of Science	Yoshihiko IHARA	Irek MUKHAMEDSHIN (Institute of Physics, Kazan Federal University)	2	Graduate	20	07/Sep/2020	18/Sep/2020	

G119	Advanced Quantum Beam Science: Advanced Quantum Beam Analysis and Its Applications to Materials Science	Graduate School of Engineering	Tamaki SHIBAYAMA Masato OHNUMA	Xun-Li WANG (Department of Physics, City University of Hong Kong)	2	Master	50	07/Sep/2020	15/Sep/2020	
G120	Leading and Advanced Biological and Polymer Chemistry and Engineering IB (Self-assemblies Block Copolymer Systems: Nanoparticles and Thin Films)	Graduate School of Chemical Sciences and Engineering	Toshifumi SATOH	Redouane BORSALI (Grenoble Alpes University and CERMAV-CNRS)	1	Graduate	45	07/Sep/2020	11/Sep/2020	
G121	Regional Sciences: General Theory of Invasive Alien Species Management 2020	Graduate School of Humanities and Human Sciences	Tohru IKEDA	Phil COWAN (Landcare Research (Wildlife Ecology & Management) , New Zealand)	2	Graduate	50	07/Sep/2020	11/Sep/2020	
G122	Philosophy (Lecture) : Topics in Applied Modal Logic 2020	Graduate School of Humanities and Human Sciences	Katsuhiko SANO Tomoyuki YAMADA	Jeremy Michael SELIGMAN (Faculty of Arts, the University of Auckland, New Zealand)	2	Graduate	15	07/Sep/2020	11/Sep/2020	
G123	Special Lecture on Antarctic Science II	Institute of Low Temperature Science	Shin SUGIYAMA Manabu FUKUI	Heinz BLATTER (Institute for Atmospheric and Climate Science, Swiss Federal Institute of Technology) Wilhelm HAGEN (Department of Marine Zoology, Bremen University)	2	Master	30	14/Sep/2020	29/Sep/2020	[Sapporo Campus] Room 210, 2nd floor, Institute of Low Temperature Science
G124	Fundamentals and Applications of Nanoscience and Nanotechnology	Research Institute for Electronic Science	Vasudevan Pillai BIJU Yuta TAKANO Tomoya OSHIKIRI Hai Jun CHO Yuna KIM Ken-ichi YUYAMA Kiyonori TAKAHASHI Hiroshi UJII Tomoko INOSE Kenji HIRAI	Akihiro FURUBE (Graduate School of Technology, Industrial and Social Sciences, Tokushima University) Ch. SUBBRAHAMANYAM (Department of Chemistry, Indian Institute of Technology Hyderabad)	2	Graduate	50	14/Sep/2020	17/Sep/2020	
G125	Leading and Advanced Materials Chemistry and Engineering IIID (Applied Inorganic Materials Chemistry)	Graduate School of Chemical Sciences and Engineering	Tetsuo UCHIKOSHI Takashi TAKEDA Kiyoharu TADANAGA		1	Graduate	60	15/Sep/2020	18/Sep/2020	
G126	Special Lecture on Sociology: Contemporary Sociology of Religion and Spirituality	Graduate School of Humanities and Human Sciences	Yoshihide SAKURAI	Adam POSSAMAI (School of Social Sciences and Psychology, Western Sydney University, Australia)	2	Graduate	35	28/Sep/2020	01/Oct/2020	
G127	Laboratory short course on stable isotopes	Institute of Low Temperature Science	Yoshito CHIKARAISHI Tomohisa IRINO Atsuko SUGIMOTO Osamu SEKI Yuko TAKIZAWA		2	Graduate	16	08/Oct/2020	15/Oct/2020	
G128	Leading and Advanced Materials Chemistry and Engineering IIIE (Solid State and Surface/Interface Nano Chemistry)	Graduate School of Chemical Sciences and Engineering	Masafumi YOSHIO Takuya MASUDA		1	Graduate	20	12/Oct/2020	15/Oct/2020	
G129	Leading and Advanced Molecular Chemistry and Engineering IIIB (Modern Trends in Physical and Material Chemistry)	Graduate School of Chemical Sciences and Engineering	Yuta NAKASAKA Naoto TSUBOUCHI Shinya FURUKAWA Hirokazu KOBAYASHI Shin-ichiro FUJITA Kenta KOKADO Yoshiyuki KAGEYAMA		1	Graduate	45	19/Oct/2020	23/Oct/2020	
G130	Leading and Advanced Molecular Chemistry and Engineering I (Frontier of Biophysical Analysis of Biomolecules)	Graduate School of Chemical Sciences and Engineering	Kazuki SADA Koichiro ISHIMORI Takeshi UCHIDA	Peter BRZEZINSKI (Department of Biochemistry and Biophysics, Stockholm University)	1	Graduate	45	27/Oct/2020	29/Oct/2020	
G131	Advanced Computational Chemistry	Institute for Chemical Reaction Design and Discovery	Kimichi SUZUKI Andrey LYALIN	Alexandre VARNEK (Laboratory of Chemoinformatics, Strasburg University) Michael RUBINSTEIN (Mechanical Engineering and Materials Science, Biomedical Engineering, Chemistry and Physics, Duke University) Ichigaku TAKIGAWA (Center for Advanced Intelligence Project, RIKEN)	1	Graduate	50	24/Aug/2020	26/Aug/2020	