



HOKKAIDO  
SUMMER  
INSTITUTE

Course Catalog

Summer School at

**HOKKAIDO  
UNIVERSITY**

**HOKKAIDO  
SUMMER  
INSTITUTE**

Hokkaido, Japan  
June–October

This summer,  
discover the world anew.  
Study amongst the beauty  
of Hokkaido, Japan.

**2021**

Study at HSI, one of the largest  
summer schools in JAPAN.

Hokkaido Summer Institute offers  
over 150 courses taught by HU and  
prestigious university faculty members  
worldwide. Join our global community and  
explore a diverse range of subjects to  
discover the world anew!



HOKKAIDO  
UNIVERSITY

# Seemingly unrelated worlds will link to each other somehow. Join us and have new experiences along with international students at HSI this summer.



Hokkaido Summer Institute (HSI), one of the largest summer schools in Japan, is a program that brings together world-leading researchers with proven educational and research records, and provides educational courses in cooperation with the Hokkaido University (HU) faculty members. In 2021, more than 160 researchers from all over the world will gather at HU.

HSI also allows its participants to expand their knowledge of subjects in world-class research fields of HU which used to be open only to HU students. Program participants have an opportunity to attend classes by attractive educational techniques such as field training using Hokkaido's extensive land, and active learning to develop human resources capable of thriving on the world stage.

The medium of instruction at HSI is English. This provides international students with a stress-free learning environment without having to worry about language barriers, and also creates a special opportunity for Japanese students, who can participate in classes taught by internationally acclaimed researchers.

HU has high expectations that the HSI students cultivate a better understanding of other cultures and improve communication skills through exchanges with researchers and students from other countries. Off-campus events are also planned to let the participants enjoy Hokkaido's beautiful summer.



## Hokkaido University

Founded in 1876, Hokkaido University is one of the oldest, largest, and most prestigious universities in Japan. The university has 12 undergraduate schools and 21 graduate schools, covering almost all area of the humanities and social and natural sciences. Furthermore, we are one of the leading institutions for research activities in Japan and worldwide. We offer a comprehensive educational experience, world-class research facilities, and all the attractions of living in the cosmopolitan city of Sapporo. Our campus is located in a breath-takingly beautiful setting. Green spaces are spread throughout the campus, offering warm and welcoming atmosphere.



## Sapporo and Hokkaido

Sapporo is the 5th most populated city in Japan with a population of 1.9 million. Even though it is a big city, Sapporo is surrounded by a beautiful natural environment that makes one forget that you are in an urban setting. Sapporo strength is not only its beauty, but also its safety, delicious and fresh foods, and its comfortable climate. During the Hokkaido Summer Institute program, numerous cultural events will be held—such as the YOSAKOI Soran Dance Festival, the Annual Hokkaido Shrine Festival, and Pacific Music Festival—and we know that participants will make the most of their time with us at HU; and of course, they can enjoy stunning views of nature by traveling a short distance to our surrounding towns to get a complete Hokkaido experience.



Sapporo

Hokkaido

Japan

## Courses



### Humanities

▶ P3, 7

- Linguistics
- Philosophy
- Logic
- History
- Archaeology



### Social Sciences

▶ P3, 7

- Law
- Politics
- Economics
- Sociology
- Psychology
- Social Ecology
- Public Policy
- Regional Science



### Sciences

▶ P4-5, 8-16

- Physics
- Mathematics
- Life Science
- Biology
- Cellular Science
- Materials Chemistry
- Biological and Polymer Chemistry
- Molecular Chemistry
- Bioinformatics
- Nanoscience
- Nanotechnology
- Catalysis
- Marine Biology / Ecology
- Environmental Science
- Cosmoscience
- Pharmacology
- Neuroscience
- Brain Science

\*Please refer to the course list on the next pages.



### Engineering

▶ P4-5, 8-16

- Mechanics
- Energy and Resource Engineering
- Materials Engineering
- Mechanical and Space Engineering
- Civil Engineering
- Environmental Engineering
- Information Science



### Agriculture

▶ P4-5, 8-16

- Agricultural Resource Economics
- Food Resources
- Plant Breeding



### Health

▶ P4-5, 8-16

- Medicine
- Health Science
- Medical Physics
- Biomedicine
- Dentistry
- Veterinary Medicine
- Physiology
- Epidemiology



### Education

▶ P3, 7

- Pedagogy
- Education for Sustainable Development



### Art

▶ P6, 17-18

- Science and Art



### Interdisciplinary Studies

▶ P6, 17-18

- Contemporary Studies
- Area & Border Studies
- Arctic & Antarctic Studies
- Sustainability Studies
- Tourism

and so on.

## Program Outline

HSI 2021 will offer over 150 courses ranging from bachelor to Ph. D level during the summer (June – October) 2021. Many of the courses are 1 week – 2 weeks in length. You can combine courses according to your major and interests.

\*If you cannot come to Japan due to the COVID-19-related travel restrictions, you may be able to take classes online. Please check the website for courses offered online.

## Eligibility

- Degree-program students at universities [Currently enrolled students]
- High school graduates / University graduates [Non-students]

## Credit

1 credit or 2 credits will be awarded upon completion of each course.

## Fees

Tuition fee : **14,800 JPY** per credit

Notes :

- Tuition fee will be waived for students from HU's partner institutions under certain conditions.
- Application Fee (9,800 JPY) and Entrance Fee (28,200 JPY) will be charged to Non-student applicants.

## Online Application Period

**1st** Application : **February 1–15, 2021**

**2nd** Application : **March 29–April 9, 2021**

**3rd** Application : **May 24–June 4, 2021**

For more details, visit our website.

🌐 <https://hokkaidosummerinstitute.oia.hokudai.ac.jp/>



## Accommodation

Overseas applicants can apply for HU student dormitory during the early application in February.

## Participants' Voices (as received)

I love Hokkaido! Really enjoyed the time studying here. This program helps me to build relation with other students from different nationality, learn many things and experience good activities.

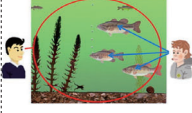



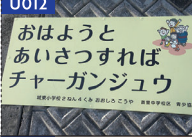



Great!!! It's my best summer! I really enjoyed my stay here, and I would recommend this HSI program to everyone!

It's really nice experience during the HSI. I found a newer and bigger world! Thanks for the wonderful opportunity.





## Undergraduate Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Uxxx)	Overseas Collaborative Institution	Credit	Capacity
					Course Format	
6.28 Mon. ▼ ▼ ▼ 7.2 Fri.	School of Humanities and Human Sciences	YUKI Masaki	U004  Cognitive Science, Frontiers in Cultural Psychology 2021	University of Alberta (Canada) University of Wisconsin-Green Bay (USA)	2	30
					On-campus (no online)	
6.28 Mon. ▼ ▼ ▼ 7.2 Fri.	School of Economics and Business	OKADA Miyako	U005  Principles of Management	The Chinese University of Hong Kong (China)	2	20
					On-campus (no online)	
7.5 Mon. ▼ ▼ ▼ 7.9 Fri.	School of Law	MIZUNO Koji	U008  Introduction to Japanese Law	—	1	20
					On-campus or Online	
7.5 Mon. ▼ ▼ ▼ 7.21 Wed.	Research Faculty of Media and Communication	Svetlana PAICHADZE	U009  Contemporary Japan	University of Melbourne (Australia)	2	20
					On-campus (no online)	
8.2 Mon. ▼ ▼ ▼ 8.5 Thu.	Research Faculty of Media and Communication	OTOMO Ruriko	U012  Sociolinguistics: Language and Wellbeing in Japan	Ca' Foscari University of Venice (Italy)	2	30
					On-campus (no online)	
8.10 Tue. ▼ ▼ ▼ 8.16 Mon.	Center for Experimental Research in Social Sciences	OHNUMA Susumu	U014  Perspectives of Environmental Psychology 2021	The Hong Kong University of Science and Technology (China)	2	30
					On-campus (no online)	
8.17 Tue. ▼ ▼ ▼ 8.24 Tue.	Faculty of Education	IKEDA Keiko	U018  ESD Campus Asia-Pacific Program 2021: Olympism, Diversity and Innovation I	De Montfort University (UK)	1	10
					On-campus or Online	
10.11 Mon. ▼ ▼ ▼ 10.16 Sat.	School of Humanities and Human Sciences	TAKASE Katsumori	U026  Seminar in Archaeology: Plants, People and Indigeneity in Japan 2021	University of Toronto (Canada)	2	30
					On-campus (no online)	

Please refer to the website for detailed and updated course information. <https://hokkaidosummerinstitute.oia.hokudai.ac.jp/>

(as of January 2021)

Natural and Applied Sciences fields



Undergraduate Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Uxxx)	Overseas Collaborative Institution	Credit	Capacity
					Course Format	
6.14 Mon. - 6.18 Fri.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	<p>U002 Fundamentals in Marine Pathology (Lecture)</p>	Cawthron Institute (New Zealand)	1	20
					On-campus or Online	
6.18 Fri. - 6.26 Sat.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	<p>U003 Fundamentals in Marine Pathology (Lab)</p>	Cawthron Institute (New Zealand)	1	20
					On-campus or Online	
6.28 Mon. - 7.2 Fri.	Institute for the Advancement of Higher Education	Nina PATZKE	<p>U006 Fundamentals of Comparative Neuroanatomy and Behaviour: from birds to whales</p>	Ruhr-University Bochum (Germany)	1	14
					On-campus or Online	
7.27 Tue. - 7.30 Fri.	Faculty of Science	Helena FORTUNATO	<p>U010 Marine Biodiversity under Anthropogenic Impacts (Pollution, Resource Overexploitation, Climate Change)</p>	University of Algarve (Portugal)	1	15
					On-campus (no online)	
8.16 Mon. - 8.23 Mon.	School of Veterinary Medicine	TSUBOTA Toshio	<p>U015 Advanced Seminar in Applied Veterinary Medicine: Wildlife Medicine I (Zoo Science)</p>	—	1	12
					On-campus (no online)	
8.16 Mon. - 8.23 Mon.	School of Veterinary Medicine	TSUBOTA Toshio	<p>U016 Advanced Seminar in Applied Veterinary Medicine: Wildlife Medicine II (Conservation and management of wildlife)</p>	—	1	12
					On-campus (no online)	
8.16 Mon. - 8.20 Fri.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	<p>U017 Marine Conservation Genomics</p>	University of Guam (USA)	1	20
					On-campus or Online	
8.23 Mon. - 8.26 Thu.	Faculty of Engineering	SHIRAI Kazutaka	<p>U020 Building Structures and Seismic Resistant Technologies</p>	—	1	11
					On-campus (no online)	
8.30 Mon. - 9.3 Fri.	School of Humanities and Human Sciences	IKEDA Tohru	<p>U021 Social Ecology: Principles of Invasion Ecology 2021</p>	Landcare Research (Wildlife Ecology & Management) (New Zealand)	2	50
					On-campus or Online	
9.6 Mon. - 9.10 Fri.	Faculty of Engineering	SATOH Toshifumi	<p>U022 Physico-chemistry of polymer and colloidal systems: scattering techniques</p>	Grenoble Alpes University and CERMAY-CNRS (France)	1	45
					On-campus or Online	
8.30 Mon. - 9.3 Fri.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	<p>U023 Marine Invertebrate Zoology (Lecture)</p>	University of British Columbia (Canada)	1	20
					On-campus or Online	
9.3 Fri. - 9.10 Fri.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	<p>U024 Marine Invertebrate Zoology (Lab)</p>	University of British Columbia (Canada)	1	20
					On-campus or Online	

Humanities and Social Sciences fields

Natural and Applied Sciences fields

Inter-Disciplinary Sciences fields



## Undergraduate Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Uxxx)	Overseas Collaborative Institution	Credit	Capacity
					Course Format	
<b>9.13</b> Mon. ↓ <b>9.17</b> Fri.	Institute for the Advancement of Higher Education	Kevin WAKEMAN	U025  Science Communication and Related Careers	Oregon Department of Forestry (USA)	1	20
					On-campus or Online	
<b>10.28</b> Thu. ↓ <b>10.31</b> Sun.	School of Veterinary Medicine	TSUBOTA Toshio	U027  Advanced Seminar in Applied Veterinary Medicine: Wildlife Medicine III (Conservation of marine mammals)	—	1	12
					On-campus (no online)	






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(as of January 2021)

Inter-Disciplinary Sciences fields



Undergraduate Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Uxxx)	Overseas Collaborative Institution	Credit	Capacity
					Course Format	
6.1 Tue. - 7.9 Fri.	School of Science	KAWAMURA Hiroshi	U001  Independent Study in Science 2021a (Undergraduate)	—	1	5 On-campus (no online)
7.1 Thu. - 8.10 Tue.	School of Science	KAWAMURA Hiroshi	U007  Independent Study in Science 2021b (Undergraduate)	—	1	5 On-campus (no online)
8.2 Mon. - 9.10 Fri.	School of Science	KAWAMURA Hiroshi	U011  Independent Study in Science 2021c (Undergraduate)	—	1	5 On-campus (no online)
8.1 Sun. - 8.22 Sun.	Center for Ainu and Indigenous Studies	KATO Hirofumi	U013  International Archaeological Field School in Rebun Island (for Undergraduate student)	National Taiwan University (Taiwan)	2	10 On-campus or Online
8.19 Thu. - 8.20 Fri.	Arctic Research Center	FUKAMACHI Yasushi	U019  Introduction to Arctic natural and social sciences	University of Alaska Fairbanks (USA) Nansen Environmental and Remote Sensing Center (Norway)	1	30 On-campus or Online

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(as of January 2021)



Graduate Level Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level
					Course Format		
6.28 Mon. ~ 7.9 Fri.	Research Faculty of Media and Communication	Johan EDELHEIM	 <b>G023</b> Feline Tourism: The wonders of travelling to cats, travelling for cats, cats that are travelling, and cat hospitality	Dalarna University (Sweden)	1	30	Graduate
					On-campus or Online		
6.28 Mon. ~ 7.2 Fri.	Faculty of Humanities and Human Sciences	YUKI Masaki	 <b>G026</b> Academic Paper-Writing Workshop for Cultural and Social Psychological Journals 2021	University of Alberta (Canada) University of Wisconsin-Green Bay (USA)	1	10	Ph.D
					On-campus (no online)		
7.5 Mon. ~ 7.14 Wed.	Faculty of Education	TSUCHIDA Eiko	 <b>G032</b> Imagining, Narrating and Representing Futures in a Precarious World	University of California, Berkeley (USA)	1	20	Master
					On-campus or Online		
7.19 Mon. ~ 7.24 Sat.	Center for Ainu and Indigenous Studies	KATO Hirofumi	 <b>G053</b> Introduction to Ainu and Indigenous Studies I: Indigenous Heritage, Repatriation and Intellectual Property Issues	Simon Fraser University (Canada) Uppsala University (Sweden)	2	10	Master
					On-campus or Online		
7.26 Mon. ~ 7.30 Fri.	Center for Ainu and Indigenous Studies	KATO Hirofumi	<b>G063</b> NO PHOTO Introduction to Ainu and Indigenous Studies II: Ainu culture, Indigenous Heritage and Cultural landscape	University of Alaska (USA) University of Arizona (USA)	2	10	Master
					On-campus or Online		
8.3 Tue. ~ 8.5 Thu.	Faculty of Education	AOKI Maiko	<b>G075</b> NO PHOTO Indigenous education and research in Australia: Position, commitment and contribution in Indigenous research	James Cook University (Australia)	1	20	Graduate
					On-campus (no online)		
8.17 Tue. ~ 8.24 Tue.	Faculty of Education	IKEDA Keiko	 <b>G086</b> ESD Campus Asia-Pacific Program 2021: Olympism, Diversity and Innovation II	Manitoba University (Canada)	1	10	Graduate
					On-campus or Online		
8.21 Sat. ~ 8.22 Sun.	Faculty of Pharmaceutical Sciences	MAENAKA Katsumi	 <b>G088</b> Special Lecture on Drug Discovery Science II (Biocamp)	Merge System Inc. (Canada) Yonsei University (Korea)	1	50	Master
					On-campus (no online)		
8.23 Mon. ~ 8.27 Fri.	Graduate School of Humanities and Human Sciences	SANO Katsuhiko	 <b>G096</b> Logic (Seminar) : Introduction to Logic 2021	—	2	15	Graduate
					Online		
8.30 Mon. ~ 9.3 Fri.	Graduate School of Humanities and Human Sciences	SANO Katsuhiko	 <b>G109</b> Philosophy (Lecture) : Topics in Applied Modal Logic 2021	the University of Auckland (New Zealand)	2	15	Graduate
					Online		
9.27 Mon. ~ 9.30 Thu.	Graduate School of Humanities and Human Sciences	SAKURAI Yoshihide	 <b>G125</b> Special Lecture on Sociology: Contemporary Sociology of Religion and Spirituality	Western Sydney University (Australia)	2	26	Graduate
					On-campus (no online)		

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(as of January 2021)



Natural and Applied Sciences fields



Graduate Level Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	
					Course Format			
<b>Mathematics and Material Science fields</b>								
6.7 Mon. - 6.10 Thu.	Graduate School of Chemical Sciences and Engineering	HASEGAWA Yasuchika	G005 Leading and Advanced Materials Chemistry and Engineering IIIC (Instrumentation Chemistry)	—	1	140	Master	On-campus or Online
6.21 Mon. - 6.24 Thu.	Graduate School of Chemical Sciences and Engineering	AZUMI Kazuhisa	G006 Leading and Advanced Materials Chemistry and Engineering IIID (Corrosion Engineering)	—	1	45	Graduate	Online
10.5 Tue. - 10.8 Fri.	Graduate School of Chemical Sciences and Engineering	MURAKOSHI Kei	G009 Leading and Advanced Materials Chemistry and Engineering IIIA (Nano-Assembled Materials Chemistry)	—	1	20	Graduate	On-campus or Online
6.14 Mon. - 6.17 Thu.	Graduate School of Chemical Sciences and Engineering	MURAKAMI Yota	G010 Leading and Advanced Biological and Polymer Chemistry and Engineering IIIB (Modern Trends in Organic Chemistry and Biological Chemistry)	—	1	45	Graduate	On-campus or Online
9.13 Mon. - 9.16 Thu.	Graduate School of Chemical Sciences and Engineering	SAKAGUCHI Kazuyasu	G036 Leading and Advanced Biological and Polymer Chemistry and Engineering IA (Evolutionary Biophysics)	University of Montreal (Canada)	1	37	Graduate	On-campus (no online)
7.5 Mon. - 7.9 Fri.	Graduate School of Chemical Sciences and Engineering	TADANAGA Kiyoharu	G037 Leading and Advanced Materials Chemistry and Engineering IA (Advanced Materials for Clean Energy and Clean Environment)	University of Antioquia (Colombia)	1	50	Graduate	On-campus or Online
7.5 Mon. - 7.9 Fri.	Graduate School of Chemical Sciences and Engineering	MURAKOSHI Kei	G038 Leading and Advanced Materials Chemistry and Engineering II (Frontier of Bio-Electrochemistry)	Nanjing University (China)	1	20	Graduate	On-campus or Online
7.5 Mon. - 7.8 Thu.	Graduate School of Chemical Sciences and Engineering	MURAKAMI Yota	G039 Leading and Advanced Biological and Polymer Chemistry and Engineering IIIA (Introduction of Basic Biological Chemistry)	—	1	45	Graduate	On-campus or Online
7.12 Mon. - 7.14 Wed.	Graduate School of Chemical Sciences and Engineering	OHKUMA Takeshi	G045 Natural Products Leading and Advanced Molecular Chemistry and Engineering IIA (The Chemistry and Biology of Natural Products)	Peking University (China)	1	50	Graduate	On-campus (no online)
7.12 Mon. - 7.16 Fri.	Graduate School of Chemical Sciences and Engineering	MURAKOSHI Kei	G046 Leading and Advanced Molecular Chemistry and Engineering IIC (Frontier of Nanocomposit Materials for Photo-Energy Conversion)	National Chiao Tung University (Taiwan)	1	20	Graduate	On-campus or Online
7.19 Mon. - 7.21 Wed.	Graduate School of Chemical Sciences and Engineering	MATSUMOTO Kenichiro	G052 Leading and Advanced Biological and Polymer Chemistry and Engineering IIIC (Advanced Applied Biochemistry)	—	1	50	Master	On-campus or Online
7.26 Mon. - 7.30 Fri.	Graduate School of Chemical Sciences and Engineering	YAMAMOTO Takuya	G054 Leading and Advanced Biological and Polymer Chemistry and Engineering IIA (Colloid and Interface Science and Their Molecular Simulations)	National Taiwan University (Taiwan) National Central University (Taiwan)	1	40	Graduate	On-campus or Online

Humanities and Social Sciences fields

Natural and Applied Sciences fields

Inter-Disciplinary Sciences fields

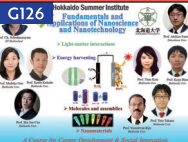

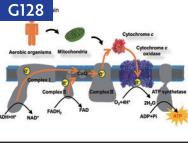
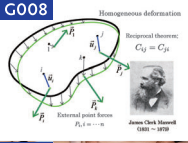


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(as of January 2021)



## Graduate Level Courses

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					Course Format			
<b>Mathematics and Material Science fields</b>								
7.26 Mon. - 7.30 Fri.	Graduate School of Chemical Sciences and Engineering	SHIMADA Toshihiro	G060 Leading and Advanced Materials Chemistry and Engineering III E (Informatics for Chemistry and Materials Science)	—	1	50	Graduate	Online
7.26 Mon. - 8.4 Wed.	Institute for Catalysis	FURUKAWA Shinya	G062 Principles of Catalytic chemistry: theory and application	Tsinghua University (China) Northeastern University (USA)	1	15	Master	Online
8.2 Mon. - 8.4 Wed.	Graduate School of Chemical Sciences and Engineering	SHIMADA Toshihiro	G072 Leading and Advanced Materials Chemistry and Engineering III F (Functional Solid State Materials Chemistry)	—	1	50	Graduate	Online
8.10 Tue. - 8.11 Wed.	Faculty of Advanced Life Science	TANIGUCHI Tohru	G078 Chirality and Chemical Biology	Michigan State University (USA)	1	30	Graduate	Online
8.23 Mon. - 8.25 Wed.	Graduate School of Chemical Sciences and Engineering	SAWAMURA Masaya	G093 Leading and Advanced Molecular Chemistry and Engineering IIB (Nickel Catalysis for Transformation of Carbon Skeltons)	Southern University of Science & Technology (SUSTech) (China)	1	45	Graduate	On-campus or Online
8.23 Mon. - 8.26 Thu.	Graduate School of Chemical Sciences and Engineering	SATOH Toshifumi	G094 Leading and Advanced Biological and Polymer Chemistry and Engineering IIB (Design, Synthesis and Applications of Functional Polymers via Step-Growth Polymerization)	National Taiwan University (Taiwan)	1	45	Graduate	On-campus or Online
8.23 Mon. - 8.27 Fri.	Research Institute for Electronic Science	SATO Yuzuru	G097 Introduction to computational ergodic theory	Federal University of Rio de Janeiro (Brazil) University of Pisa (Italy)	1	50	Graduate	On-campus or Online
9.6 Mon. - 9.17 Fri.	Graduate School of Science	IHARA Yoshihiko	G116 Modern Day Materials	Nottingham Trent University (UK)	2	15	Graduate	On-campus or Online
9.6 Mon. - 9.9 Thu.	Faculty of Science	SAWADA Ken	G117 Earth paleoenvironmental reconstruction by sedimentary core analysis	—	1	25	Master	On-campus or Online
9.13 Mon. - 9.17 Fri.	Graduate School of Chemical Sciences and Engineering	SATOH Toshifumi	G118 Leading and Advanced Biological and Polymer Chemistry and Engineering IB (Self-assemblies Block Copolymer Systems: Nanoparticles and Thin Films)	Grenoble Alpes University and CERMAT-CNRS (France)	1	45	Graduate	On-campus or Online
9.13 Mon. - 9.17 Fri.	Graduate School of Chemical Sciences and Engineering	TADANAGA Kiyoharu	G122 Leading and Advanced Materials Chemistry and Engineering III B (Applied Inorganic Materials Chemistry)	—	1	50	Graduate	On-campus or Online
9.15 Wed. - 10.1 Fri.	Institute of Low Temperature Science	SUGIYAMA Shin	G124 Special Lecture on Antarctic Science II	Bremen University (Germany) Swiss Federal Institute of Technology (Switzerland)	2	25	Master	On-campus or Online

Graduate Level Courses								
Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	Course Format
<b>Mathematics and Material Science fields</b>								
9.27 Mon. - 9.30 Thu.	Research Institute for Electronic Science	Vasudevan Pillai BIJU	 G126 Fundamentals and Applications of Nanoscience and Nanotechnology	Indian Institute of Technology Hyderabad (India)	2	30	Graduate	On-campus (no online)
10.18 Mon. - 10.22 Fri.	Graduate School of Chemical Sciences and Engineering	NAKASAKA Yuta	 G127 Leading and Advanced Molecular Chemistry and Engineering IIIA (Modern Trends in Physical and Material Chemistry)	—	1	45	Graduate	On-campus or Online
10.26 Tue. - 10.28 Thu.	Graduate School of Chemical Sciences and Engineering	ISHIMORI Koichiro	 G128 Leading and Advanced Molecular Chemistry and Engineering I (Frontier of Biophysical Analysis of Biomolecules)	Stockholm University (Sweden)	1	45	Graduate	On-campus (no online)
<b>Engineering fields</b>								
6.1 Tue. - 6.11 Fri.	Graduate School of Engineering	TERASHIMA Hiroshi	 G003 Introduction to Flight Dynamics	German Aerospace Centre (Germany)	2	40	Master	On-campus or Online
6.14 Mon. - 6.23 Wed.	Graduate School of Engineering	KATO Hiroyuki	 G008 Elasticity	—	2	30	Graduate	On-campus or Online
6.15 Tue. - 6.24 Thu.	Graduate School of Information Science and Technology	SAKAMOTO Daisuke	 G013 Human-Computer Interaction	University of Manitoba (Canada)	2	30	Master	On-campus or Online
6.21 Mon. - 6.24 Thu.	Graduate School of Engineering	MATSUDA Osamu	 G016 Advanced Physics and Technology of Materials - Application -	—	1	20	Master	Online
6.28 Mon. - 7.2 Fri.	Graduate School of Engineering	HASHIMOTO Naoyuki	 G024 Advanced Energy Structure Materials	Seoul National University (Korea)	2	40	Master	Online
7.5 Mon. - 7.16 Fri.	Graduate School of Engineering	OSHIMA Nobuyuki	 G033 Advanced Fluid Engineering	ETH Zurich (Switzerland)	2	50	Master	On-campus or Online
7.12 Mon. - 7.21 Wed.	Graduate School of Engineering	IZUMI Norihiro	 G034 Sediment Transport	University of South Carolina (USA)	2	30	Master	On-campus or Online
7.15 Thu. - 7.20 Tue.	Faculty of Engineering	SHIRAI Kazutaka	 G051 State-of-the-Art Seismic Protection Systems using Variable Stiffness	Ohio University (USA)	1	20	Graduate	On-campus (no online)
7.16 Fri. - 7.21 Wed.	Graduate School of Engineering	SAKATA Yoshitaka	 G076 Social and environmental system science for sustainable use of natural resource and energy	University of British Columbia (Canada)	1	50	Master	On-campus (no online)


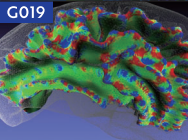

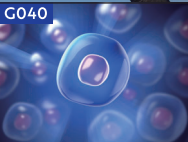


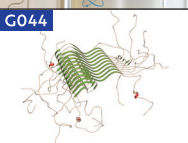

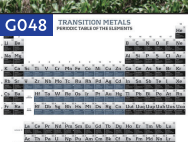

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(as of January 2021)



Graduate Level Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	
					Course Format			
<b>Engineering fields</b>								
9.24 Fri. ↓ 9.28 Tue.	Graduate School of Engineering	NAGANO Katsunori	G077 	Advanced Heat and Mass Transfer for Renewable Energy Use	Harbin Institute of Technology (China) Technological University Dublin (Ireland)	1	50	Master
					On-campus or Online			
8.16 Mon. ↓ 8.25 Wed.	Graduate School of Engineering	HASHIMOTO Nozomu	G080 	Advanced Combustion	—	2	40	Master
					On-campus or Online			
8.23 Mon. ↓ 8.27 Fri.	Graduate School of Engineering	WATANABE Naoko	G092 	Advanced Nuclear Waste Management	Institut Mines Telecom Atlantique - IMTA (France)	1	15	Graduate
					On-campus or Online			
8.30 Mon. ↓ 9.1 Wed.	Graduate School of Engineering	YONEZAWA Tetsu	G107 	Basic Nano Scale Analysis of Materials	National Taiwan University (Taiwan)	1	30	Master
					On-campus or Online			
8.30 Mon. ↓ 9.3 Fri.	Faculty of Information Science and Technology	YOSHIOKA Masaharu	G110 	Theory and application of Deep Learning	University of Technology Sydney (Australia)	1	20	Graduate
					On-campus or Online			
9.2 Thu. ↓ 9.6 Mon.	Graduate School of Engineering	YONEZAWA Tetsu	G114 	Application of Nano Scale Analysis of Materials	Chulalongkorn University (Thailand)	1	30	Master
					On-campus or Online			
<b>Life Science and Biology fields</b>								
6.1 Tue. ↓ 9.15 Wed.	Graduate School of Life Science	FUJITA Tomomichi	G002 	Independent Study in Life Science 2021 (Graduate)	—	2	5	Graduate
					On-campus (no online)			
6.3 Thu. ↓ 7.29 Thu.	Faculty of Pharmaceutical Sciences	MAENAKA Katsumi	G004 	Special Lecture on Drug Discovery Science I (Life innovation seminar)	—	1	100	Master
					On-campus or Online			
6.8 Tue. ↓ 6.11 Fri.	Graduate School of Global Food Resources	YAMADA Toshihiko	G007 	Diversity in Agriculture	University of Massachusetts (USA)	1	25	Master
					On-campus or Online			
6.14 Mon. ↓ 6.15 Tue.	Faculty of Dental Medicine	ARIMA Taro	G011 NO PHOTO	Methodology for Making Scientific Research Works	The University of British Columbia (Canada) Aarhus University (Denmark)	1	32	Graduate
					On-campus or Online			
6.17 Thu. ↓ 6.18 Fri.	Faculty of Dental Medicine	ARIMA Taro	G014 NO PHOTO	How to do the presentations at international congress?	The University of British Columbia (Canada) Aarhus University (Denmark)	1	32	Graduate
					On-campus or Online			
6.21 Mon. ↓ 6.22 Tue.	Faculty of Dental Medicine	ARIMA Taro	G017 NO PHOTO	How to get published in international journals with impact factors?	The University of British Columbia (Canada) Aarhus University (Denmark)	1	32	Graduate
					On-campus or Online			

Graduate Level Courses								
Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	Course Format
<b>Life Science and Biology fields</b>								
6.21 Mon. - 7.1 Thu.	Graduate School of Infectious Diseases	ITO Kimihito	 G018 Bioinformatics and Computational Biology	—	1	10	Ph.D.	On-campus or Online
6.21 Mon. - 6.25 Fri.	Institute for the Advancement of Higher Education	Nina PATZKE	 G019 Mammalian Brain Morphology: From specimen collection to mathematical modeling	Federal University of Rio de Janeiro (Brazil)	1	12	Graduate	On-campus or Online
6.24 Thu. - 6.25 Fri.	Faculty of Dental Medicine	ARIMA Taro	NO PHOTO G022 Introduction of TMD (Temporomandibular Disorders)	Aarhus University (Denmark)	1	32	Graduate	On-campus or Online
6.28 Mon. - 6.29 Tue.	Faculty of Dental Medicine	ARIMA Taro	NO PHOTO G025 Orofacial Pain	Aarhus University (Denmark)	1	32	Graduate	On-campus or Online
9.1 Wed. - 9.3 Fri.	Graduate School of Fisheries Sciences	WATANUKI Yutaka	 G027 Advanced Marine Bioresource Science I	University of Tasmania (Australia)	1	20	Master	On-campus (no online)
7.7 Wed. - 7.9 Fri.	Faculty of Advanced Life Science	UEHARA Ryota	 G040 Fundamentals in scientific communication-writing abstracts and poster design	Tata Institute of Fundamental research (India) Duke-NUS Medical School (Singapore)	1	15	Master	Online
7.9 Fri. - 7.16 Fri.	Field Science Center for Northern Biosphere	NAGASATO Chikako	 G042 International Course on Integrated Marine Biology and Ecology I	University of Malaya (Malaysia) Victoria University of Wellington (New Zealand)	1	15	Graduate	On-campus (no online)
7.12 Mon. - 7.21 Wed.	Graduate School of Life Science	AIZAWA Tomoyasu	 G043 Special Lecture in Protein Science (Soft Matter Structural Analysis 2021)	University of Calgary (Canada)	1	40	Graduate	On-campus (no online)
7.12 Mon. - 7.21 Wed.	Graduate School of Life Science	AIZAWA Tomoyasu	 G044 Special Training in Protein Science (Special Training on NMR in Life Science 2021)	University of Calgary (Canada)	1	40	Graduate	On-campus (no online)
7.12 Mon. - 7.26 Mon.	Graduate School of Global Food Resources	SAITO Yoko	 G047 Agricultural Resource Economics	The University of Western Australia (Australia)	1	25	Master	On-campus or Online
7.12 Mon. - 7.15 Thu.	Faculty of Pharmaceutical Sciences	SATO Yoshihiro	 G048 Advanced Organometallic Chemistry for Synthetic Organic Chemistry	National Taiwan Normal University (Taiwan)	1	50	Graduate	On-campus or Online
7.19 Mon. - 7.21 Wed.	Field Science Center for Northern Biosphere	NAKAOKA Masahiro	 G056 International Course on Integrated Marine Biology and Ecology II	—	1	15	Graduate	Online

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(as of January 2021)

Humanities and Social Sciences fields


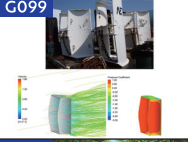
Natural and Applied Sciences fields

Inter-Disciplinary Sciences fields



Graduate Level Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	
					Course Format			
<b>Life Science and Biology fields</b>								
7.25 Sun. - 7.29 Thu.	Field Science Center for Northern Biosphere	NAKAOKA Masahiro	G057 	International Course on Integrated Marine Biology and Ecology III	DHI Group (International)	1	15	Graduate
					On-campus (no online)			
7.26 Mon. - 7.30 Fri.	Graduate School of Fisheries Sciences	SAWABE Tomoo	G058 	Advanced Marine Biotechnology and Microbiology I: Bioinformatics for Marine Life Science	Federal University of Bahia (Brazil)	1	15	Master
					On-campus or Online			
7.26 Mon. - 8.24 Tue.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	G061 	Advanced and Comprehensive Studies on Chemical Hazard Control I: Field Toxicology & Risk Analysis	—	1	30	Graduate
					On-campus or Online			
7.27 Tue. - 8.11 Wed.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	G065 	Advanced and Comprehensive Studies on Chemical Hazard Control III: Comprehensive Studies on Chemical Hazard Control	—	1	30	Graduate
					On-campus or Online			
7.28 Wed. - 7.30 Fri.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	G066 	Informatics Advanced and Comprehensive Studies on Chemical Hazard Control V: Informatics	—	1	7	Graduate
					On-campus or Online			
TBA	Graduate School of Infectious Diseases	HIGASHI Hideaki	G068 	Advanced Lecture on Biological Defense	The University of Melbourne (Australia) / Monash University (Australia)	1	30	Ph.D
					On-campus or Online			
8.2 Mon. - 8.5 Thu.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	G073 	Advanced and Comprehensive Studies on Chemical Hazard Control II: Chemical Analyses	—	1	5	Graduate
					On-campus or Online			
8.2 Mon. - 8.6 Fri.	Faculty of Pharmaceutical Sciences	MINAMI Masabumi	G074 	Training Course for Electrophysiology	—	2	6	Master
					On-campus (no online)			
8.12 Thu. - 8.16 Mon.	Graduate School of Veterinary Medicine	TSUBOTA Toshio	G079 	Subjects on Fundamental Veterinary Science: Advanced Wildlife and Conservation Medicine	University of Melbourne (Australia)	1	20	Ph.D
					On-campus or Online			
8.16 Mon. - 8.19 Thu.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	G082 	Advanced and Comprehensive Studies on Chemical Hazard Control IV: Environmental Remediation	—	1	7	Graduate
					On-campus or Online			
8.16 Mon. - 8.20 Fri.	Graduate School of Biomedical Science and Engineering	SHIMIZU Shinichi	G083 	Medical Physics School	—	2	30	Master
					On-campus or Online			
8.16 Mon. - 8.20 Fri.	Graduate School of Biomedical Science and Engineering	SHIMIZU Shinichi	G084 	Molecular Biomedical Science and Engineering School: Molecular Imaging, Cancer and Radiation Biology, Artificial Intelligence, and Theragnostics	—	2	30	Master
					On-campus or Online			

Graduate Level Courses								
Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	Course Format
					1	30	Master	
<b>Life Science and Biology fields</b>								
8.16 Mon. - 8.20 Fri.	Faculty of Pharmaceutical Sciences	MAENAKA Katsumi	G085  Special lecture of the basics of biomedicine	University of Oxford (UK)	1	30	Master	On-campus or Online
8.18 Wed. - 8.24 Tue.	Faculty of Pharmaceutical Sciences	MAENAKA Katsumi	G087  Special lecture of the state-of-the-art drug development	University of Oxford (UK)	1	30	Master	On-campus or Online
8.23 Mon. - 8.24 Tue.	Faculty of Dental Medicine	YAWAKA Yasutaka	G095  Adhesion/dental materials/dental pulp: preliminary	—	1	20	Ph.D	On-campus or Online
8.24 Tue. - 8.27 Fri.	Graduate School of Fisheries Sciences	TAKAGI Tsutomu	G099  Fisheries Engineering I	Jade-University of Applied Sciences (Germany)	1	15	Master	On-campus (no online)
8.25 Wed. - 8.27 Fri.	Faculty of Dental Medicine	YAWAKA Yasutaka	G101  Adhesion/dental materials/dental pulp: basic	—	1	20	Ph.D	On-campus or Online
8.30 Mon. - 9.4 Sat.	Graduate School of Life Science	KINJO Masataka	G105  Life Science Special Lecture III (Advanced Fluorescence Microscopy in Life Science Research)	National University of Singapore (Singapore) Karolinska Institute (Sweden)	1	12	Graduate	On-campus or Online
8.30 Mon. - 9.4 Sat.	Graduate School of Life Science	KINJO Masataka	G106  Life science special lecture III (Practical bioimaging workshop for life sciences)	National University of Singapore (Singapore) Karolinska Institute (Sweden)	1	12	Graduate	On-campus or Online
8.30 Mon. - 8.31 Tue.	Faculty of Dental Medicine	YAWAKA Yasutaka	G108  Adhesion/dental materials/dental pulp: theoretically	—	1	20	Ph.D	On-campus or Online
9.1 Wed. - 9.3 Fri.	Faculty of Dental Medicine	YAWAKA Yasutaka	G112  Adhesion/dental materials/dental pulp: advanced	—	1	20	Ph.D	On-campus or Online
9.2 Thu. - 9.8 Wed.	Graduate School of Fisheries Sciences	MIZUTA Hiroyuki	G113  Advanced Aquaculture Genetics and Genomics I: Polyploid fish-atypical reproduction and its application	University of Warmia and Mazury in Olsztyn (Poland)	1	10	Graduate	On-campus or Online
9.3 Fri. - 9.4 Sat.	Graduate School of Life Science	KINJO Masataka	G115  Integrated Materials and Life Science (Molecular Cell Dynamics I and II)	National University of Singapore (Singapore) Karolinska Institute (Sweden)	1	12	Graduate	On-campus or Online
9.8 Wed. - 9.10 Fri.	Faculty of Pharmaceutical Sciences	HARASHIMA Hideyoshi	G120  Training course for Drug Delivery System	—	1	20	Graduate	Online

Please refer to the website for detailed and updated course information. <https://hokkaidosummerinstitute.oia.hokudai.ac.jp/>

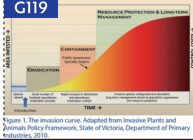
(as of January 2021)



## Graduate Level Courses

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	
					Course Format			
<b>Life Science and Biology fields</b>								
9.8 Wed. - 9.10 Fri.	Faculty of Pharmaceutical Sciences	SHUTO Satoshi	 G121 Special Course on Medicinal Chemistry	—	1	20	Master	On-campus (no online)
9.13 Mon. - 9.24 Fri.	Graduate School of Global Food Resources	SAITO Yoko	 G123 Statistical Analysis of Food Security	University of Western Australia (Australia) Stockholm School of Economics (Sweden)	1	15	Master	On-campus or Online
TBA	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	 G129 International Veterinary and Conservation Medicine: Collaboration between University of Zambia and Hokkaido University for the future of Africa-Japan relations: Conservation Medicine	—	2	10	Graduate	On-campus or Online
TBA	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	 G130 International Veterinary and Conservation Medicine: Collaboration between University of Zambia and Hokkaido University for the future of Africa-Japan relations: Japanese language and culture	—	1	10	Graduate	On-campus or Online
<b>Environmental Science fields</b>								
6.21 Mon. - 6.25 Fri.	Faculty of Environmental Earth Science	Ram AVTAR	 G015 Machine Learning in Geoscience	Sant Longowal Institute of Engineering and Technology (India)	1	25	Master	On-campus or Online
7.5 Mon. - 7.7 Wed.	Faculty of Environmental Earth Science	Ram AVTAR	 G028 Climate and Disaster Challenges in the era of COVID-19	Charles Darwin University (Australia)	1	25	Master	On-campus or Online
7.5 Mon. - 7.8 Thu.	Faculty of Engineering	ISHII Kazuei	 G035 Biomass energy utilization system	—	1	30	Master	Online
7.8 Thu. - 7.13 Tue.	Faculty of Science	TAKAHASHI Yukihiro	 G041 Special Lecture of CosmoSciences 1 "Exploration of Requirement for Remote-Sensing in Asia"	Multimedia University (Malaysia) Myanmar Aerospace Engineering University (Myanmar) Philippine Space Agency (Philippines)	1	40	Master	On-campus or Online
7.14 Wed. - 7.16 Fri.	Faculty of Science	TAKAHASHI Yukihiro	 G049 Special Lecture of CosmoSciences 1 "Practice of optical remote-sensing"	—	1	25	Master	On-campus (no online)
7.16 Fri. - 7.21 Wed.	Graduate School of Veterinary Medicine	ISHIZUKA Mayumi	 G055 Mechanism, Assessment and Remediation of Environmental Pollution	—	1	10	Graduate	On-campus or Online
7.26 Mon. - 7.29 Thu.	Faculty of Environmental Earth Science	Ram AVTAR	 G059 Unmanned Aerial Vehicles (UAVs) for Remote Sensing and Land Surveying	—	1	25	Master	On-campus or Online
8.2 Mon. - 8.9 Mon.	Faculty of Science	Helena FORTUNATO	 G070 Ocean Sustainability (Marine environments, Resources, Blue Growth & Blue Economy)	University of Algarve (Portugal)	1	10	Master	On-campus (no online)







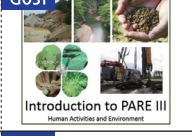
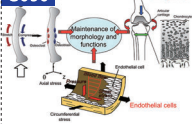
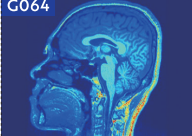







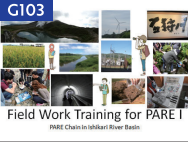


Graduate Level Courses								
Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	
					Course Format			
Environmental Science fields								
9.6 Mon. - 9.10 Fri.	Graduate School of Humanities and Human Sciences	IKEDA Tohru	 <p>Regional Sciences: General Theory of Invasive Alien Species Management 2021</p>	Landcare Research (Wildlife Ecology & Management) (New Zealand)	2	50	Graduate	
					On-campus or Online			

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(as of January 2021)

**Graduate Level Courses**

Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level
					Course Format		
6.1 Tue. - 9.15 Wed.	Graduate School of Science	KAWAMURA Hiroshi	G001  Independent Study in Science 2021 (Graduate)	—	2	5	Graduate On-campus (no online)
6.14 Mon. - 6.18 Fri.	Center for Environmental and Health Sciences	ARAKI Atsuko	G012  Environmental Health and Sustainable Development Goals I	University of Queensland (Australia) WHO (International) National Institute of Occupational and Environmental Health (NIOEH) (Vietnam)	1	30	Graduate On-campus or Online
6.21 Mon. - 6.25 Fri.	Center for Environmental and Health Sciences	ARAKI Atsuko	G020  Environmental Health and Sustainable Development Goals II	International Labour Organization (ILO) (International)	1	30	Graduate On-campus or Online
6.22 Tue. - 6.25 Fri.	Institute for the Advancement of Higher Education	Hyunjung PARK	G021  Researchers & Creators: Think about Forest (glass)	—	1	20	Graduate On-campus or Online
7.5 Mon. - 7.14 Wed.	Research Faculty of Agriculture	KOBAYASHI Yasuo	G029  Introduction to PARE II: Populations-Activities-Resources-Environments Chain	—	1	40	Master On-campus or Online
7.5 Mon. - 7.14 Wed.	Research Faculty of Agriculture	NEGISHI Junjiro	G030  Introduction to PARE I: Populations-Activities-Resources-Environments Chain	—	1	40	Master On-campus or Online
7.5 Mon. - 7.14 Wed.	Research Faculty of Agriculture	IGARASHI Toshifumi	G031  Introduction to PARE III: Populations-Activities-Resources-Environments Chain	—	1	40	Master On-campus or Online
7.14 Wed. - 7.16 Fri.	Graduate School of Engineering	OHASHI Toshiro	G050  Advanced Biomechanics	University of Melbourne (Australia)	1	20	Graduate Online
7.26 Mon. - 7.29 Thu.	Research and Education Center for Brain Science	OGAWA Kenji	G064  Introduction to Brain Science VI: The Foundations of Cognitive Sciences	—	1	30	Graduate On-campus or Online
7.28 Wed. - 7.30 Fri.	Center for Environmental and Health Sciences	AIT BAMA! Yu	G067 NO PHOTO Plastics and Plastic Additives – Implications in the Environment and Health Issues	University of Antwerp (Belgium)	1	20	Graduate On-campus or Online
8.1 Sun. - 8.21 Sat.	Center for Ainu and Indigenous Studies	KATO Hirofumi	G069  RJE3 Special Seminar I: Rebut International Anthropological Field School	Far Eastern Federal University (Russia) Moscow State University (Russia)	2	5	Master On-campus or Online
8.2 Mon. - 8.5 Thu.	Graduate School of Engineering	MORI Taro	G071  RJE3 Special Seminar I: Energy Security in Cold Climate Region	KTH Royal Institute of Technology (Sweden)	1	20	Graduate On-campus or Online

Graduate Level Courses								
Period	Organizing Institution	HU Organizing Lecturer	Course Title (Course No. : Gxxx)	Overseas Collaborative Institution	Credit	Capacity	Level	Course Format
8.16 Mon. ▼ 8.20 Fri.	Faculty of Engineering	SETOGUCHI Tsuyoshi	 G081 RJE3 Special Seminar I: Fieldwork on Development Technologies in Cold Region	Pacific National University (Russia)	2	20	Graduate	On-campus or Online
8.23 Mon. ▼ 8.27 Fri.	Center for Ainu and Indigenous Studies	KATO Hirofumi	 G098 Introduction to RJE3: Environment, Culture and Sustainable Development in Far East and Arctic Region	Irkutsk State University (Russia)	2	50	Master	On-campus or Online
8.25 Wed. ▼ 8.27 Fri.	Research Faculty of Agriculture	FUJII Masahiko	 G100 Introduction to PARE IV: Populations-Activities-Resources-Environments Chain	Gadjah Mada University (Indonesia) Chiang Mai University (Thailand) University of Reading (UK)	1	40	Master	Online
8.30 Mon. ▼ 9.10 Fri.	Research Faculty of Agriculture	NEGISHI Junjiro	 G103 Field Work Training I for PARE: Populations-Activities-Resources-Environments Chain	Institute of Technology of Cambodia (Cambodia)	2	40	Master	On-campus or Online
8.30 Mon. ▼ 9.10 Fri.	Research Faculty of Agriculture	NEGISHI Junjiro	 G104 Seminar I for PARE: Populations-Activities-Resources-Environments Chain	Institute of Technology of Cambodia (Cambodia)	1	40	Master	On-campus or Online
8.31 Tue. ▼ 9.3 Fri.	Graduate School of Humanities and Human Sciences	SHIRAKIZAWA Asahiko	 G111 RJE3 Special Seminar I: Past and Present of Hokkaido: History of Ishikari and Sorachi	—	2	5	Graduate	On-campus or Online

Please refer to the website for detailed and updated course information. <https://hokkaidosummerinstitute.oia.hokudai.ac.jp/>

(as of January 2021)

# Overseas Lecturers will join from:

## Asia

- Cambodia** Institute of Technology of Cambodia
- China** Chinese University of Hong Kong, Hong Kong University of Science and Technology, Harbin Institute of Technology, Nanjing University, Peking University, Southern University of Science & Technology (SUSTech), Tsinghua University
- India** Indian Institute of Technology Hyderabad, Sant Longowal Institute of Engineering and Technology, Tata Institute of Fundamental Research
- Indonesia** Gadjah Mada University
- Korea** Seoul National University, Yonsei University
- Malaysia** Multimedia University, University of Malaya
- Myanmar** Myanmar Aerospace Engineering University
- Philippines** Philippine Space Agency
- Singapore** Duke-NUS Medical School, National University of Singapore
- Taiwan** National Central University, National Chiao Tung University, National Taiwan Normal University, National Taiwan University
- Thailand** Chiang Mai University, Chulalongkorn University
- Vietnam** National Institute of Occupational and Environmental Health (NIOEH)

## Oceania

- Australia** Charles Darwin University, James Cook University, Monash University, University of Melbourne, University of Queensland, University of Tasmania, University of Technology Sydney, University of Western Australia, Western Sydney University
- New Zealand** Cawthron Institute, Landcare Research (Wildlife Ecology & Management), University of Auckland, Victoria University of Wellington

## Europe

- Belgium** University of Antwerp
- Denmark** Aarhus University
- France** Grenoble Alpes University, IMT Atlantique
- Germany** Bremen University, German Aerospace Centre, Jade University of Applied Sciences, Ruhr-University Bochum
- Ireland** Technological University Dublin
- Italy** Ca' Foscari University of Venice, University of Pisa, University of Rome Tor Vergata
- Norway** Nansen Environmental and Remote Sensing Center
- Poland** University of Warmia and Mazury in Olsztyn
- Portugal** University of Algarve
- Russia** Far Eastern Federal University, Irkutsk State University, Moscow State University, Pacific National University, Sakhalin State University
- Sweden** Dalarna University, Karolinska Institute, KTH Royal Institute of Technology, Stockholm School of Economics, Stockholm University, Uppsala University
- Switzerland** ETH Zurich, Swiss Federal Institute of Technology
- UK** De Montfort University, Nottingham Trent University, University of Oxford, University of Reading

## North America

- Canada** University of Calgary, Simon Fraser University, University of Alberta, University of British Columbia, University of Manitoba, University of Montreal, University of Toronto
- USA** Michigan State University, Northeastern University, Ohio University, Oregon Department of Forestry, University of Alaska, University of Alaska Fairbanks, University of Arizona, University of California, Berkeley, University of Guam, University of Massachusetts, University of South Carolina, University of Wisconsin-Green Bay

## Central and South America

- Brazil** Federal University of Bahia, Federal University of Rio de Janeiro
- Colombia** University of Antioquia

## Africa

- Zambia** University of Zambia

## International Organization

DHI Group, International Labour Organization (ILO), World Health Organization (WHO)

And other institutions (as of January 2021)



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