




HSI2025 Course List


Icon description

【Courses】


 Advanced Research Course

 Global Liberal Arts Course


 HSI extension / professional program in English

 HSI extension / professional program in Japanese

【Course format】

 On-campus

 Online







































 Selectable either on-campus or online



























































【Language】











































 English

 Japanese

Available for Non-Students

Courses	Course format	Language	Course ID	Course Title	Schedule
先		En	G051	Instrumentation Chemistry	Jun/02/2025～Jun/05/2025
先		En	G004	Independent Study in Science 2025 (Graduate)	Jun/02/2025～Oct/03/2025
先		En	U011	Independent Study in Science 2025 (Undergraduate)	Jun/02/2025～Oct/03/2025
グ		En	G022	Healthy Aging with Exercises	Jun/03/2025～Jun/06/2025
グ	 	En	G082	Methods of Geoenvironmental 3D Information Measurement	Jun/06/2025～Jun/27/2025
先	 	En	G043	Polymer Characterization and Physics	Jun/09/2025～Jun/12/2025
グ		En	G024	Environmental Health Science for a healthier tomorrow	Jun/09/2025～Jun/13/2025
先		En	G034	Elasticity	Jun/09/2025～Jun/18/2025
先		En	G055	Recent Advances in Photocatalytic Organic Reactions and Solid-state Photochemistry	Jun/10/2025～Jun/12/2025
グ		En	U017	Diversifying English in theory and professional practice	Jun/10/2025～Jun/13/2025
先		En	G057	Modern statistical mechanics and molecular dynamics simulations for energy/bio-materials design	Jun/16/2025～Jun/18/2025
先		En	G036	Design of Spaceflight Vehicles	Jun/23/2025～Jul/02/2025
先		En	G044	Introduction to Basic Biological Chemistry	Jun/24/2025～Jun/27/2025
先	 	En	G081	Fundamentals and Cutting-edge Advances in Solid Catalyst Design	Jun/25/2025～Jul/04/2025
日		日	r005	HU Field Summer School	Jun/27/2025～Jun/29/2025
先	 	En	G028	Advanced Energy Structure Materials 1～Microstructure analysis, 2～Mechanical property	Jun/30/2025～Jul/04/2025
グ		En	U006	Introduction to Japanese Law	Jun/30/2025～Jul/04/2025
先		En	G079	Bioinformatics and Computational Biology	TBA
先		En	G056	Advanced Chemical Synthesis of Natural Products	Jul/01/2025～Jul/03/2025
グ	 	En	G104	Understanding the Changing Arctic and Its Global Interconnections	Jul/01/2025～Jul/04/2025
グ		En	G062	Human-Computer Interaction	Jul/01/2025～Jul/11/2025
先		En	G035	Sediment Transport	Jul/01/2025～Jul/15/2025
先		En	G018	Special Lecture on Drug Discovery Science I (Life innovation seminar)	Jul/03/2025～Aug/06/2025
先	 	En	G033	Biomass energy utilization system	Jul/04/2025～Jul/25/2025
グ	 	En	G077	Global Environmental Toxicology	Jul/07/2025～Jul/08/2025
先		En	G053	Informatics for Chemistry and Materials Science II - Basic Concepts and Quick Course of Python	Jul/07/2025～Jul/10/2025
グ		En	U030	HSI Introduction to Japanese Society	Jul/07/2025～Jul/10/2025
日		日	r001	Let's learn Japanese Law in Japanese Language	Jul/07/2025～Jul/11/2025
グ		En	G038	Improvement of indoor environment quality of vulnerable people under VUCA	Jul/07/2025～Jul/11/2025
グ	 	En	G101	Introduction to Cultural Diversity	Jul/07/2025～Jul/11/2025
グ	 	En	G073	Computational Toxicology: Basics of Molecular Docking	Jul/09/2025～Jul/10/2025
先		En	G048	Materials for Electrochemical Devices	Jul/14/2025～Jul/17/2025
先		En	G027	Caries treatment: Endodontics and restorative dentistry	Jul/14/2025～Jul/18/2025

Courses	Course format	Language	Course ID	Course Title	Schedule
グ	 	En	G098	Introduction to Ainu and Indigenous Studies I: Indigenous knowledge and Indigenous peoples	Jul/14/2025~Jul/18/2025
グ		En	G103	Planetary Health - Towards a Sustainable Future	Jul/14/2025~Jul/18/2025
先	 	En	G039	Advanced Biomechanics	Jul/16/2025~Jul/18/2025
グ		En	G099	Introduction to Ainu and Indigenous Studies II: Ainu Cultural Heritage and Cultural Landscape	Jul/21/2025~Jul/25/2025
グ	 	En	G076	Adaptation and evolution to poison	Jul/22/2025~Jul/23/2025
先		En	G046	Advanced Applied Biochemistry	Jul/22/2025~Jul/25/2025
グ		En	U004	Social Structure: Demography and inequality in contemporary Japan	Jul/22/2025~Jul/26/2025
グ		En	U007	New geopolitical paradigms and great powers competition	Jul/22/2025~Jul/26/2025
グ		En	U008	Introduction to Business Model	Jul/28/2025~Aug/01/2025
グ		En	U009	Essence of Management	Jul/28/2025~Aug/01/2025
先	 	En	G032	Basic Nanomaterial Science	Jul/28/2025~Aug/06/2025
先	 	En	G014	Special lectures on medicinal chemistry	Jul/28/2025~Jul/29/2025
先		En	G023	The Use of Motion Analysis and Biomechanics to Prevent Injuries and Enhance Performance in Sports	Jul/29/2025~Aug/01/2025
先		En	G049	Modern single-molecule fluorescence techniques and their applications in biology	Jul/29/2025~Jul/31/2025
先		En	G016	Special lecture of the basics of biomedicine	Jul/30/2025~Aug/01/2025
先	 	En	G026	Hands on Training for a Mechanical Ventilator XR Simulator	Jul/30/2025~Aug/08/2025
先		En	G100	International Archaeological Field School in Rebun Island (for graduate students)	Jul/31/2025~Aug/30/2025
グ		En	U028	International Archaeological Field School in Rebun Island (for undergraduate students)	Jul/31/2025~Aug/30/2025
先		En	G080	Advanced Lecture on Biological Defense	TBA
先		En	G017	Special lecture of the state-of-the-art drug development	Aug/01/2025~Aug/05/2025
グ		En	U013	Building Structures and Seismic Resistant Technologies	Aug/01/2025~Aug/05/2025
先	 	En	G030	Advanced Quantum Beam Materials	Aug/01/2025~Aug/08/2025
J	 	日	r002	Training course for specialists in invasive alien species management 2025	Aug/04/2025~Aug/05/2025
グ	 	En	G074	Practical multivariate analysis: omics to epidemiological data analysis	Aug/04/2025~Aug/05/2025
先		En	G041	Nanofabrication and Nanocharacterization Technologies	Aug/04/2025~Aug/06/2025
先	 	En	G052	Functional Solid State Materials	Aug/04/2025~Aug/06/2025
E	 	En	r007	Hands-on Machine Learning with Python, TensorFlow and Keras	Aug/04/2025~Aug/08/2025
先	 	En	G040	Environmental Applications of Nanomaterials	Aug/04/2025~Aug/08/2025
先		En	G069	Research Internship: One Health and Toxicology (Basic)	Aug/04/2025~Aug/08/2025
グ	 	En	U027	Introduction to the International SDGs	Aug/05/2025~Aug/08/2025
グ	 	En	G072	Chemical Analysis: Fundamentals and Practice of Mass Spectrometry	Aug/06/2025~Aug/08/2025
グ		En	U002	Social Change: Gender Studies 2025	Aug/06/2025~Aug/08/2025
グ		En	G019	Special Lecture on Drug Discovery Science II (Bio-Healthcare Entrepreneurship Workshop)	Aug/07/2025~Aug/08/2025
グ		En	U012	Special Workshop for Bio/Healthcare Business	Aug/07/2025~Aug/08/2025
グ	 	En	G071	Fundamentals and Practice of Ecological GIS	Aug/12/2025~Aug/13/2025
E	 	En	r008	Unlocking the Brain with MRI	Aug/12/2025~Aug/15/2025
先		En	G070	Research Internship: One Health and Toxicology (Advanced)	Aug/12/2025~Aug/15/2025
グ		En	G102	Introduction to Ainu and Indigenous Art	Aug/12/2025~Aug/15/2025
先		En	G068	Subjects on Fundamental Veterinary Science Advanced Wildlife and Conservation Medicine	Aug/14/2025~Aug/18/2025
J	 	日	r003	Veterinary Forensics (Animal CSI)	Aug/18/2025~Aug/19/2025
先		En	G020	Summer School for Medical Physics	Aug/18/2025~Aug/22/2025

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先		En	G021	Summer School for Molecular Biomedical Science and Diagnosis	Aug/18/2025~Aug/22/2025
先		En	G058	Modern Trends in Physical and Material Chemistry	Aug/19/2025~Aug/22/2025
グ		En	U031	International Relations of East Asia & Japan's Regional Security Strategy	Aug/19/2025~Aug/22/2025
J		日	r004	Advanced Veterinary Forensics (poisoning)	Aug/21/2025~Aug/22/2025
グ	 	En	G075	Fundamentals of risk analysis and disaster response	Aug/21/2025~Aug/22/2025
先		En	G042	From Systems Biology to Machine Learning	Aug/25/2025~Aug/28/2025
先	 	En	G031	Applied Nanomaterial Science	Aug/25/2025~Aug/29/2025
先		En	G047	Informatics for Chemistry and Materials Science I - Data-Driven Materials Design and Genomics	Aug/25/2025~Aug/29/2025
グ		En	G084	From SDGs toward post SDGs	Aug/25/2025~Aug/29/2025
先	 	En	G093	Computational methods in dynamical systems	Aug/25/2025~Aug/29/2025
先		En	G083	Laboratory short course on stable isotopes	Aug/28/2025~Sep/03/2025
先		En	G059	Separation Process Engineering I	Sep/01/2025~Sep/04/2025
J	 	日	r009	Entrepreneurship, Job Hunting, and Career Success: Expanding Life Choices and Building a Career	Sep/01/2025~Sep/05/2025
先		En	G009	Life Science Special Lecture III (Advanced Fluorescence Microscopy in Life Science Research)	Sep/01/2025~Sep/05/2025
先		En	G010	Life science special lecture III (Practical bioimaging workshop for life sciences)	Sep/01/2025~Sep/05/2025
グ	 	En	U003	National Heritage Tourism: The Case of Hokkaido 2025	Sep/01/2025~Sep/05/2025
先		En	G045	Modern Trends in Organic Chemistry and Biological Chemistry	Sep/02/2025~Sep/04/2025
グ	 	En	G025	Multidisciplinary team-based care for older adults	Sep/02/2025~Sep/05/2025
E		En	r006	History of Economic Thought	Sep/02/2025~Sep/06/2025
先		En	G008	Integrated Materials and Life Science (Molecular Cell Dynamics I and II)	Sep/04/2025~Sep/05/2025
グ		En	G078	The Human and Animal Bond: A One Health Perspective	Sep/09/2025~Sep/22/2025
グ		En	G001	Hokkaido ESD Leaders' programme: Ontological Turn, Forest School, Ecology & Sport History	Sep/10/2025~Sep/12/2025
グ		En	U005	Hokkaido ESD programme: Forest School, Nature Connectedness and Greening Sport	Sep/10/2025~Sep/12/2025
先	 	En	G092	Special Lecture on Arctic and Antarctic Science II	Sep/10/2025~Sep/26/2025
先	 	En	G005	Exploration of Requirement for Remote-Sensing in Asia	Sep/11/2025~Sep/12/2025
先	 	En	G029	Advanced Nuclear Waste Management	Sep/17/2025~Sep/19/2025
先	 	En	G007	Space policy and space agency management	Sep/18/2025~Sep/19/2025
先		En	G006	Practice of optical remote-sensing	Sep/24/2025~Sep/25/2025
先	 	En	G054	Advanced Organic/Materials Chemistry	Sep/24/2025~Sep/25/2025
先		En	G013	Special Lecture in Protein Science (Soft Matter Structural Analysis 2025)	Sep/29/2025~Oct/10/2025
先		En	G060	Separation Process Engineering II	Sep/30/2025~Oct/03/2025