

2016 Intensive Courses in English (Graduate School of Chemical Sciences and Engineering)

Course	Date	Name of Subject	Lecturers
Molecular Chemistry and Engineering	13 to 15, and 21 June	<u>Leading and Advanced Molecular Chemistry and Engineering III (HSI)</u> <u>Advanced-Applied Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Organic Chemistry for Advanced Molecular Structures"	Prof. Hajime Ito, Prof. Keiji Tanino, and Prof. Takanori Suzuki (Hokkaido University, Japan)
	28 to 30 June	<u>Leading and Advanced Molecular Chemistry and Engineering II (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II</u> "Step Polymerization: Controlled Synthesis of Functional Polymers"	Prof. Sang-Youl Kim (KAIST, Korea) Prof. Masako Kato (Hokkaido University, Japan)
	14, 15, 19, and 20 July	<u>Leading and Advanced Molecular Chemistry and Engineering I (HSI)</u> <u>Advanced-Applied Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Development of New Organic Reactions for Chemical Biology"	Prof. Jeffrey W. Bode (ETHZ, Switzerland) Prof. Hajime Ito (Hokkaido University, Japan)
	16 to 18, and 22 November	<u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Surface Characterizations for Catalysts and Related Topics"	Prof. Prabhakar Ravaii Sarode (Goa University, India) Prof. Kiyotaka Asakura and Prof. Junya Hasegawa (Hokkaido University, Japan)
Materials Chemistry and Engineering	05 to 08 July	<u>Leading and Advanced Materials Chemistry and Engineering I (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Organometallic Chemistry of Oxophilic Metals and Their Application to Polymerization Catalysis"	Prof. Samuel Dagorne (University of Strasbourg, France) Prof. Kazuki Sada (Hokkaido University, Japan)
	26 to 28 July	<u>Leading and Advanced Materials Chemistry and Engineering III (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Solid State and Surface / Interface Nano Chemistry"	Prof. Toshiyuki Mori and Prof. Takuya Masuda (NIMS, Japan)
	01-03 August	<u>Leading and Advanced Materials Chemistry and Engineering II (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Exploring the Materials Properties from the Molecular Details"	Prof. Wei Wang (Nanjing University, China) Prof. Kei Murakoshi (Hokkaido University, Japan)
	24 to 26 January	<u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Unexpected Promotion of Hardness Experiments: From Hardness Measurements to Nanoindentation Probing"	Prof. Roman Nowak (Aalto University, Finland) Prof. Toshihiro Shimada (Hokkaido University, Japan)
Biological Chemistry and Engineering	07 to 10 June	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering III (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Epigenetics: from Genes to Individual Organisms"	Prof. Yota Murakami and Prof. Shinya Takahata (Hokkaido University, Japan)
	13 to 15 June	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering I (HSI)</u> <u>Advanced Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "The Biology of Tumor Suppression"	Prof. Gerardo Ferbeyre (University of Montreal, Canada) Prof. Kazuyasu Sakaguchi (Hokkaido University, Japan)
	01 to 05 August	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering II (HSI)</u> <u>Advanced-Applied Chemistry (MC)</u> <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Conjugated Polymers: Fundamentals and Applications"	Prof. Wen-Chang Chen (National Taiwan University, Taiwan) Prof. Toshifumi Satoh (Hokkaido University, Japan)