

2017 Intensive Courses in English (Graduate School of Chemical Sciences and Engineering)

Course	Date	Name of Subject	Lecturers
Molecular Chemistry and Engineering	13 to 16 June	<u>Leading and Advanced Molecular Chemistry and Engineering III-2017 (HSI)</u> Advanced-Applied Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Engineering Directed Production of Useful Chemicals"	Prof. Yasuchika Hasegawa, Prof. Toshihiro Shimada, Prof. Koji Fushimi, Prof. Isao Ogino, Prof. Yuji Masubuchi and Prof. Shinichiroh Fujita (Hokkaido University, Japan)
	27 to 29 June	<u>Leading and Advanced Molecular Chemistry and Engineering II-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II</u> "Small Molecule Activation and Green Catalysts"	Prof. Yunho Lee (KAIST, Korea), Prof. Masako Kato and Prof. Atsushi Kobayashi (Hokkaido University, Japan)
	03 to 07 July	<u>Leading and Advanced Molecular Chemistry and Engineering I-2017 (HSI)</u> Advanced-Applied Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Advanced Studies on Organic Reactions with Organometallic Complexes"	Prof. Antonio Togni (ETHZ, Switzerland) Prof. Takeshi Ohkuma (Hokkaido University, Japan)
Materials Chemistry and Engineering	20 to 23 June	<u>Leading and Advanced Materials Chemistry and Engineering II-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Frontier of Bio-Electrochemistry"	Prof. Deju Ye (Nanjing University, China) Prof. Kei Murakoshi (Hokkaido University, Japan)
	24 to 27 July	<u>Leading and Advanced Materials Chemistry and Engineering I-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Supramolecule Chemistry and Application to Catalysis"	Prof. David Sémeril (University of Strasbourg, France) Prof. Kazuki Sada (Hokkaido University, Japan)
	23 to 25 August	<u>Leading and Advanced Materials Chemistry and Engineering III-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Solid State and Surface/ Interface Nano Chemistry"	Prof. Jinhua Ye and Prof. Naoto Shirahata (NIMS, Japan)
Biological Chemistry and Engineering	18 to 21 July	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering III-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Frontier of Chemical Science"	Prof. Hideaki Oikawa, Prof. Takanori Suzuki, Prof. Atsushi Miura, Prof. Tomohiro Iwai, Prof. Junji Nishii, Prof. Takeshi Maruyama and Prof. Kiyotaka Nakajima (Hokkaido University, Japan)
	25 to 27 July	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering I-2017 (HSI)</u> Advanced Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Cell Signaling Networks"	Prof. Stephen Michnick (University of Montréal, Canada) Prof. Kazuyasu Sakaguchi (Hokkaido University, Japan)
	31 July to 04 August	<u>Leading and Advanced Biological and Polymer Chemistry and Engineering II-2017 (HSI)</u> Advanced-Applied Chemistry (MC) <u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Hydrogen Bond-rich Dendrons and Dendritic Polymers"	Prof. Ru-Jong Jeng (National Taiwan University, Taiwan) Prof. Toshifumi Satoh (Hokkaido University, Japan)
	01 to 03 August	<u>Modern Trends in Chemical Sciences and Engineering II (DC)</u> "Functional Nanoporous Materials for Bioenergy and Biomedical Applications"	Prof. Kevin Chia-Wen Wu (National Taiwan University, Taiwan), Prof. Fa-Kuen Shieh (National Central University, Taiwan), Prof. Yu-Tzu Huang (Chung Yuan Christian University, Taiwan), Prof. Takuya Yoshikawa and Prof. Takao Masuda (Hokkaido University, Japan)