

Graduate-level specialized subjects (JV-Campus)

Course Number	Course Name	Instru- ctional Type	Credi- ts	Stand- ard Acade- mic Year	Course Offering Term	Weekday and Period	Instructor	Course Overview	Remarks	Organization
OAJR061	Energy Materials for Cutting-Edge Science and Technology II	1	1.0	1, 2	Fall IABC	NT	Professors for Materials Innovation	“Students will develop the knowledge and thinking skills necessary to solve today’s energy and environmental problems by introducing the cutting-edge science and technology. The areas of specialization for the 10 lecture topics (1Key materials for hydrogen society, 2Carbon Dioxide Utilization, 3Introduction to Biofuel Cells, 4Light-Emitting and Laser Materials, 5Organic Semiconductors: Basic concepts and device applications, 6Polymer materials for electronic applications, 7Circular Economy for Plastics, 8Self-Assembled Materials, 9Organic Photochromic Materials, 10Chemical- and Bio-sensing)”	Lectures are conducted in English. Online (Asynchronous)	Master’s Program in Materials Innovation, Degree Programs in Pure and Applied Sciences, Graduate School of Science and Technology
OATAL27	Education in Japan: Principles Policies and Practice	4	1.0	1, 2	Fall IAB	NT	Teruyuki Fujita, Hodaka Fujii, 雅史 朝倉, Kuanysh Tasthanbekova, Yoshinori Shimizu, Yusuke Endo, 若奈 川上, 徹雄 京免, かおり 菊地, Masahiro Tanaka, Shizuko Umetsu	The goal is to be able to understand the issues surrounding education in contemporary Japan from multiple perspectives such as policy, institution, and practice, and to be able to discuss the issues based on sufficient knowledge. In the course, we will take up various themes related to Japanese education and outline their principles, policies, and practices. Specifically, the themes of education system, early childhood, teacher education, language education policy, mathematics Education, Science education, moral education, Tokkatsu, citizenship education, and higher education and recent reform trends and their issues will be presented. Students will have discussions based on the content of the lesson and they will deepen their understanding of the issues. The course is conducted mainly in English.	Not open to students enrolled in OATAL22. These courses are intended for short-term international students. Lectures are conducted in English. distance learning Online (Asynchronous)	Master’s Program in Education, Degree Programs in Comprehensive Human Sciences, Graduate School of Comprehensive Human Sciences