

Special Lecture on Regional Sustainability Science I			
🔷 Lecturer(s)			
Takashi Yarita, Kazumi Kitta (NFRI), Kentaro Matsumiya (Kyoto Univ)			
🔷 Code	KZ4008	🔷 Numbering	KZ-INS-312-AIM
🔷 Course overview			
This course is 2 days program. 1st day: Lectures on Risk analysis for food safety; 2nd day: Lectures on Food processing.			
🔷 Keyword(s)			
Risk analysis, Foodborne diseases, Genetically modified organisms, Food processing, Crops, Substitution			
🔷 Learning objectives			
Students can obtain the latest knowledge regarding food safety and food processing			
🔷 Lesson plans & homework			
1. Introduction to food safety (TY) 2. Principles for risk analysis for food safety (KK) 3. Case study: foodborne diseases (KK) 4. Case study: genetically modified organisms (KK) 5. Processing of main crops in Japan: Soybean (KM) 6. Processing of main crops in Japan: Rice (KM) 7. Processing of main crops in Japan: Wheat (KM) 8. Latest trends of food processing in the world: Substitution and novel materials (KM) [Homework] Texts and/or references will be shared using MS TEAMS. Self-learning (approximately 90 minutes/class) will be required for preparation. Students are encouraged to learn more about food safety and sustainability by reading academic papers and reference books.			
🔷 Notes			
Contact: AIMS Steering Committee (Dr. Nobuo SAKAGAMI) is anytime available through MS TEAMS.			
🔷 On-line / face-to-face / blended			
Blended (available for on-line AIMS students)			
🔷 Device requirements			
Laptop PC			
🔷 Evaluation criteria			
A+ (90-100):	able to suggest an action plan for food safety and sustainability		
A (80-89):	able to assess the process for food safety and sustainability		
B (70-79):	able to discuss what is food safety and sustainability		
C (60-69):	obtain basic knowledge on food safety and sustainability		
D (0-59):	unable to understand food safety and sustainability		
🔷 Grading			

Learning results are evaluated by a report on the assigned subjects (not evaluated by final examination).			
▣▣ Textbook(s)			
ISBN: ; Title: ; Author(s): ; Publisher: ; Year:			
▣▣ Reference book(s)			
ISBN: ; Title: ; Author(s): ; Publisher: ; Year:			
▣▣ Diploma policy			
Large perspective of the world		important	
Knowledge and skills in a specific field		very important	
Problem-solving ability		important	
Communication skill		slightly important	
Practical English skill		slightly important	
Attitude as a conscious member of society		slightly important	
Focus on regional revitalization		slightly important	
▣▣ Active learning	-	▣▣ PBL	-