

Lab works on Regional Sustainability Science			
■ ■ Lecturer(s)			
Academic staffs of the College of Agriculture			
■ ■ Code	KZ4012	■ ■ Numbering	KZ-SMI-332-AIM
■ ■ Course overview			
This course is designed to learn a variety of researches conducted at the current topics of "Biological Production Science, Bioresource Science and Environmental Science". The purpose of this course is to learn the technique and idea regarding the selected subject of research.			
■ ■ Keyword(s)			
Refer to the academic advisors' information at http://ddp.agr.ibaraki.ac.jp/english/researchers/researcher.html .			
■ ■ Learning objectives			
Students can obtain the problem-solving capability about the issues related to the selected subject of research.			
■ ■ Lesson plans & homework			
<ol style="list-style-type: none"> 1. Introduction of each laboratory (Guidance is held on the first day) 2. The lab work in the selected laboratory 1 3. The lab work in the selected laboratory 2 4. The lab work in the selected laboratory 3 5. The lab work in the selected laboratory 4 6. The lab work in the selected laboratory 5 7. The lab work in the selected laboratory 6 8. The lab work in the selected laboratory 7 9. The lab work in the selected laboratory 8 10. The lab work in the selected laboratory 9 11. The lab work in the selected laboratory 10 12. The lab work in the selected laboratory 11 13. The lab work in the selected laboratory 12 14. The lab work in the selected laboratory 13 15. Final presentation and discussion <p>* Students will be allocated to 1 laboratory according to the students' academic ability and eagerness. Self-learning (approximately 180 minutes/week) will be required for preparation and review works. [Active learning] Students are encouraged to join the laboratory activities.</p>			
■ ■ Notes			
Attendance of the seminar in the same laboratory is recommended. Contact: AIMS Steering Committee (Dr. Nobuo SAKAGAMI) is anytime available through MS TEAMS.			
■ ■ On-line / face-to-face / blended			

Only face-to-face, not offered online			
Device requirements			
Laptop PC			
Evaluation criteria			
A+ (90-100):	able to suggest an action plan for sustainable agriculture		
A (80-89):	able to assess the process for sustainable agriculture		
B (70-79):	able to discuss what is sustainable agriculture		
C (60-69):	obtain basic knowledge on sustainable agriculture		
D (0-59):	unable to understand sustainable agriculture		
Grading			
Learning results are evaluated by a presentation and defense (discussion) 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		very important	
Communication skill		important	
Practical English skill		slightly important	
Attitude as a conscious member of society		important	
Focus on regional revitalization		important	
Active learning	Yes	PBL	Yes