

科目ナンバリング									
授業科目名 <英訳>		Insect-human Interactions-E2 Insect-human Interactions-E2			担当者所属 職名・氏名		生存圏研究所 講師 YANG , Chin-Cheng		
群	統合科学科目群			分野(分類)	環境		使用言語	英語	
旧群		単位数	2単位	週コマ数	1コマ	授業形態	講義 (対面授業科目)		
開講年度・ 開講期	2025・前期		曜時限	木4		配当学年	主として1・2年生	対象学生	全学向
【授業の概要・目的】									
<p>The purpose of this course is to promote students' understanding of insects in our surroundings. The lecture will start with fundamentals of insects, followed by an introduction to "bad" or "good" insects from the human perspectives. The course will focus student's attention on</p> <ol style="list-style-type: none"> 1. how important insects are in our daily life; 2. how insects threaten our life quality; 3. how human manipulate insect populations to restore the balance between the two parties. <p>Examples from classic case studies will be utilized to bridge non-biology background students with the course content. Hands-on sections and possibly a field trip will be conducted to facilitate students' awareness and knowledge of the common insects in the daily life.</p>									
【到達目標】									
<p>The expectations and goals for the students taking this course are</p> <ol style="list-style-type: none"> 1. students can get to understand "benefits" and "threats" of insects to mankind; 2. to understand how insects are related to human and our society; 3. eventually pay more attention/respect on this group of creatures. 									
【授業計画と内容】									
<p>Week 01: Course introduction Week 02: What are insects? Week 03: Insect vs. human Week 04: Good insects: Let's eat insects, shall we? Week 05: Good insects: Insect-inspired products in our daily life Week 06: Good insects: Insects as ecosystem service providers Week 07: Good insects: Biological control using insects Week 08: Insect collection trip (@Yoshida campus) Week 09: Bad insects: Insects that vector disease Week 10: Bad insects: Insects as nuisance pest/entomophobia Week 11: Bad insects: Venomous & poisonous insects Week 12: Bad insects: Insects that compete for food with humans Week 13: Student oral presentation 01 Week 14: Student oral presentation 02 Week 15: Term paper Week 16: Feedback</p>									

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【履修要件】	
特になし	
【成績評価の方法・観点】	
50% in class discussion, 30% term paper, 20% presentation	
【教科書】	
MR Berenbaum 『Bugs in the system: insects and their impact on human affairs』 (Perseus Publishing, 1995)	
【参考書等】	
(参考書) 授業中に紹介する to be announced according to the content of a given class each week	
【授業外学修（予習・復習）等】	
Students are encouraged to preview lecture materials and participate in class discussion, as lecture materials and most of the supplementary readings will be posted on KULASIS and Panda at least 1 day in advance.	
【その他（オフィスアワー等）】	
Lecturer: Chin Cheng Yang (ccyang@rish.kyoto u.ac.jp) Office: HW 412, Research Building No. 1, Uji Campus Office hours: to be announced Note: There is a possibility that the instructor may organize a field trip that normally is a one-day event on the weekend, instead of the regular slot of this lecture. The lecturer will discuss date and time with students for the field trip at the beginning of the semester. Students are advised to pay the travel expense. Also, be advised to obtain the insurance for study and research “ Personal Accident Insurance for Students Pursuing Ed. & Rsch.(学生教育研究災害傷害保険) ” if you decide to take the class	
【主要授業科目（学部・学科名）】	