

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	2024・前期		曜時限	火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 surrounding us. The class will start with fundamentals of insects, followed by introduction of "bad" or "good" insects from the human perspectives. The course will focus student's attention on 1. how important insects are in our daily life; 2. how insects threaten our life quality and 3. how human manipulate insect populations to restore the balance between two parties. Examples from classic case studies will be utilized to bridge non-biology background students with the course content. Field trip and hands-on sections will be conducted to increase the students' interests as well as to get students involved more in this course.</p>									
【到達目標】									
<p>The expectations and goals for the students taking this course are 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, and 3. eventually pay more attention/respect on this most abundant species in the Humanosphere.</p>									
【授業計画と内容】									
<p>Week 01: Course introduction Week 02: Insect collection trip-1 (Yoshida campus) Week 03: What do insects look like? Week 04: Good insects: Let ' s eat insects, shall we? Week 05: Good insects: Insect inspired products in our everyday life Week 06: Good insects: Insects as ecosystem service provider Week 07: Good insects: Biological control using insects Week 08: Bad insects: Insects that vector disease Week 09: Bad insects: Insects as nuisance pest/entomophobia Week 10: Bad insects: Venomous & poisonous insects Week 11: Bad insects: Insects that damage our crop Week 12: Balance between insect and human Week 13: Student oral presentation Week 14: Insect collection trip-2 (Lake Biwa) Week 15: Final Week 16: Feedback</p>									
【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									

Insect-human Interactions-E2(2)へ続く									

Insect-human Interactions-E2(2)

[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 some supplementary readings will be posted on KULASIS and PANDA at least 1 week ahead. Lecture, discussion and assignment are all in English.

[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: The field trip normally is a one-day event (except the one at Yoshida campus), and will be carried out on the weekend, instead of the regular slot of this lecture. The lecturer will discuss preferred date and time with students at the beginning of the semester. Students are advised to pay the travel expense.

When you decide to take the class, you must have 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) ” .