

科目ナンバリング		U-LAS14 20023 LE68							
授業科目名 <英訳>		Zoo Biology-E2 Zoo Biology-E2			担当者所属 職名・氏名		野生動物研究センター 准教授 Andrew MacIntosh		
群	自然科学科目群			分野(分類)	生物学(各論)			使用言語	英語
旧群	B群	単位数	2単位	時間数	30時間	授業形態	講義(対面授業科目)		
開講年度・ 開講期	2024・ 後期集中		曜時限	集中 11月～1月日程未定		配当学年	全回生	対象学生	理系向
【授業の概要・目的】									
Zoos and aquariums are a window into nature and the exotic lives of animals. Everyone has been to a zoo and wondered at the animals on display, but what are zoos really about? What goes on behind the scenes? What role does a modern zoo play in our society, and how has this changed throughout history? This course is designed to answer just these questions. Along the way, you ' ll learn about the modern missions of zoos, biological research conducted at zoos, animal behavior and welfare, public outreach and education, and especially the conservation of endangered species.									
【到達目標】									
In this course, students will learn to: - appreciate and understand the role of zoos in modern society - think critically about issues concerning zoos and aquariums and balance the costs and benefits of keeping animals in captivity, particularly as they relate to conservation of endangered species - appreciate the diversity of biological research being conducted at modern zoos, and how it contributes to science and society - assess the ' quality of life ' of the animals they encounter at zoos and aquariums, and appreciate the diverse set of animal care and welfare challenges facing these institutions									
【授業計画と内容】									
This is an intensive lecture scheduled for one weekend (Saturday AND Sunday) between November and January (dates pending), with a one-day practical course held at Kyoto City Zoo the following weekend. The course is organized into the following units: 1. history, philosophy and modern missions of zoos 2. science at the zoo: basic research, biodiversity conservation, and environmental education 3. zoo ethics: animal behavior, welfare, enrichment and animal rights 4. zoo practical course									
【履修要件】									
特になし									
【成績評価の方法・観点】									
class participation - 20% (attendance & discussion) daily quiz - 20% (concerning content covered each day) course report - 30% (to be submitted approximately 1-2 weeks after the zoo visit) final exam - 30% (written answers, timed test in Panda)									
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Zoo Biology-E2(2)

[教科書]

授業中に指示する

[参考書等]

(参考書)

Paul A. Rees 『An introduction to zoo biology and management』 (Wiley-Blackwell) ISBN: 9781405193498 (Recommended, not required. Material in textbook enhances learning.)

John E. Fa, Stephan M. Funk, Donnamarie O'Connell 『Zoo Conservation Biology』 (Cambridge University Press) ISBN:9780511993435 (Recommended, not required. Material in textbook enhances learning. Free e-Book!)

Geoff Hosey 『Zoo animals: behaviour, management, and welfare』 (Oxford University Press) ISBN: 9780199693528 (Recommended, not required. Material in textbook enhances learning.)

Alexandra Zimmermann, Matthew Hatchwell, Lesley A. Dickie, Chris West 『Zoos in the 21st Century: Catalysts for Conservation?』 (Cambridge University Press) ISBN:9780521618588 (Recommended, not required. Material in textbook enhances learning.)

While there is no required textbook for this course, students are encouraged to sample from the reference materials listed, which form the basis for the lectures in the course. Any of these would be an excellent choice to learn about the subject.

[授業外学修 (予習・復習) 等]

The instructor will provide instructions for how to prepare for this course once students have registered. There will be some preparatory reading and thinking, mainly to encourage students to engage with the course material in advance and be prepared to engage actively in class activities. A report must be submitted following the course that will require additional research.

[その他 (オフィスアワー等)]

This course has a 25-student maximum registration limit to facilitate group discussion and exercises during the zoo practicum. This course includes a mandatory visit to Kyoto City Zoo, in addition to the two-day intensive lectures at the main campus. Students must be able to cover their own zoo admission fees (if necessary) and transportation to the site, and should ensure they have the necessary insurance.

Students are required to participate in class discussion, present ideas, and are strongly encouraged to ask a lot of questions!

The instructor can be contacted using your digital platform of choice: email, discussion forums in Panda, online meeting (Zoom), etc. Appointments can also be made to meet either before or after class time, as needed.