| 科目ナンバリング | U-LAS70 10002 SE50 | | | | | | |
|---|---|---|---|---|---|---|---|
| 授業科目名 <英訳> | ILAS Seminar-E2 :Introduction to Bird Study - Ornithology（鳥類研究のすすめ） ILAS Seminar-E2 :Introduction to Bird Study - Ornithology | | | 担当者所属 職名・氏名 | 理学研究科　准教授　BARNETT, Craig Antony | | |
| 群 | 少人数群 | 単位数 | 2単位 | 週コマ数 | 1コマ | 授業形態 | ゼミナール（対面授業科目） |
| 開講年度・開講期 | 2026・後期 | 受講定員 (1回生定員) | 25 (15) 人 | 配当学年 | 主として1回生 | 対象学生 | 全学向 |
| 曜時限 | 月5 | 教室 | 1共26 | | | 使用言語 | 英語 |
| キーワード | 鳥類 / 行動 / 生態 / 進化 | | | | | | |

## [授業の概要・目的]

Birds fascinate people because they are everywhere, they are easy to see and hear, and they are beautiful. In this course we will examine birds by considering their defining characteristics, form and function, behaviour, life histories, ecology, and conservation. In doing so, the aim is gain a thorough understanding of this diverse and interesting group of animals.

## [到達目標]

1) Learn the evolutionary history of modern birds and their evolutionary relationships to other groups
2) Learn the characteristics of birds and the characteristics of the major avian groups
3) Learn the unique life history and behavioral traits of birds
4) Learn some aspects of avian ecology and conservation
5) Learning to identify different species of forest and aquatic birds around Kyoto

## [授業計画と内容]

1) Course introduction
2) What are birds and are they feathered dinosaurs?
3) Feathers and flight exercise (video 1)
4) Museum visit and exercise
5) Avian communication exercise (video 2)
6) The annual cycle of birds and their migration exercise (video 3)
7) Avian movement
8) Birds in and around Kyoto University
9) Finding a mate and breeding systems exercise (video 4)
10) Avian reproduction
11) A trip to Takaragaike Park to identify aquatic birds
12) Avian intelligence and video exercise (video 5)
13) What to eat. Foraging behavior of birds
14) Avian ecology and bird conservation
15) Feedback

## [履修要件]

Understanding of high school biology is recommended.

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**[成績評価の方法・観点]**

Assessment will comprise of end of semester test.

**[教科書]**

**使用しない**

No textbook is mandatory although we consult various readings throughout the course.

**[参考書等]**

**（参考書）**

D. Attenborough 『The Life of Birds: The Complete Series』（BBC）
F. B. Gill 『Ornithology 3rd Edition』（W.H Freeman and Company）
Scott, G 『Essential Ornithology』（Oxford University Press）

**[授業外学修（予習・復習）等]**

To achieve the course goals students should review the course materials plus optionally the recommended readings after each class.

**[その他（オフィスアワー等）]**

**[主要授業科目（学部・学科名）]**