

## **Syllabus for Avian Biology (ZOO4472C)**

Lectures: Tu (periods 6,7) Th (Period 7) BAR 211 ; Labs TuTh

Instructor: Scott Robinson ([srobinson@flmnh.ufl.edu](mailto:srobinson@flmnh.ufl.edu)) 273-1965, 307 Dickinson Hall

TAs: Harrison Jones and Felicity Newell, 305 Dickinson

Office Hours: TBD or by appointment

Date Lecture topic (Chapter in Text)

- Jan. 5 Introduction ( 1)
- 10 Evolutionary history ( 2,3)
- 12 Evolution of flight
- 17 Anatomy (5,6)
- 19 Physiology (7,14)
- 24 Physiology, Feathers (4)
- 26 Senses (7); Foraging and digestion (6)
- 31 Flight physics and Soaring and Gliding (5)
- Feb 2 Avian life histories: Nests and eggs (15)
- 7 Incubation and development (16)
- 9 **Review for Exam I (Exam in evening)**
- 14 Behavior: Cognition (7)
- 16 Migration patterns (10)
- 21 Migration
- 23 Migration and orientation
- 28 Behavior: Social behavior (11, 13)
- March 2 Sociality (Visual and vocal communication (8, 12)
- 14 Mating Systems and sexual selection (12,13)
- 16 **Review for Exam II (Exam in the evening)**
- 21 Timing of breeding; population dynamics
- 23 Population dynamics
- 28 Brood parasitism (13)
- 30 Foraging and communities (13)
- April 4 Community Ecology
- 6 Community ecology (20)
- 11 Conservation
- 13 Conservation
- 18 **Review for Exam III (Exam in evening)**

Exam 1: 100 pts

Exam 2: 100pts

Exam 3: 100pts

Lab: 160 pts

Total grade: 460 pts