

WILD 4060-6060 Ornithology – Course Policies and Tentative Schedule
Spring 2022

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Lecture: 11:30 – 12:20 MWF; Room: 1-304 (bldg. 1040-0304)
Lab: Fri 08:00-11:10; Room: 1-101 (bldg. 1040-0101)

Instructors:

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Course Objectives: To familiarize students with avian biology, including anatomy and physiology, behavior, ecology, evolution, and conservation. Lab and field exercises will emphasize taxonomy and identification of North American birds through use of field labs and study skins.

Texts: Required: (1) Gill, Frank B. 2006. Ornithology. Third edition. W. H. Freeman and Co. (2) A field guide. We recommend Peterson, Roger T. 1980. A field guide to the birds of eastern and central North America. Fourth edition. Houghton Mifflin. **Or** Sibley, David A. The Sibley Field Guide to Birds of Eastern North America. Knopf. (paperback). In addition, we may post selected Readings.

Grading: Your grade will be based on a total of 650 points, split between two lecture exams (100 points each), a non-cumulative final exam (100 points), two laboratory exams (100 points each), a research paper outline (25 pts), a research paper draft (25 pts) and a research paper final draft (100 pts).

Research Paper: Each student, or a team of two students, will work on a research project focusing on a topic of their choice (Start thinking now! Right now!). A 1-page proposal, outlining the title, nature of the question, indicating some preliminary review of literature, and methods is due **February 2nd**. The outline of the paper will be due **March 14th**. The **first draft of the paper will be due April 4th**. The first draft should have a well-developed Introduction, Materials and Methods and at least preliminary results if your data collection is ongoing, plus an outline of the Discussion and the Literature Cited. We will return edits to you and your **final draft will be due April 27th**. The paper will be in proper scientific format (see major ornithological journals such as Ornithology and Ornithological Applications). We expect you to use scientific writing and pay attention to grammar, spelling and appropriate syntax. Papers are to be typed, double-spaced and include clearly presented results in text, figures and tables. Submit your original data (as a field notebook, spreadsheet etc.) with the final draft. A discussion and a handout on how to conduct the research and formatting details on how to write the paper will be delivered during the first few lab periods.

***The schedule is subject to change.** Updates will be provided via email* and class announcements. *Please be certain that you confirm your preferred email address for class communication.

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LECTURE TIMES AND TOPICS

	DATE/TOPIC	CHAPTER READINGS
January	Jan 10 th	
	Course introduction- Rushing & Hernandez – go over syllabus and objectives; what do we love about birds-Hernandez's ppt	
	Jan 12 th	1
	General avian characteristics discussion-Hernandez	
	Jan 17 th	
	MLK HOLIDAY NO CLASS	
	Jan 19 th	2
	Origin and evolution of birds I-Rushing	
	Jan 24 th	2
	Origin & evolution of birds II-Rushing	
	Jan 26 th	2
	Speciation & Systematics - Rushing	
	Jan 31 st	
	Darwin's finches -Hernandez	
February	Feb 2 nd	4
	Feathers – Hernandez RESEARCH PAPER PROPOSAL IS DUE	
	Feb 7 th	5
	Flight – Hernandez	
	Feb 9 th	6
	Avian Physiology I: Respiratory System – Hernandez NOTE Lecture Exam I Feb 18 th	
	Feb 14 th	6
	Avian Physiology II: Digestive systeme-system-and Feeding-Hernandez	
	Feb 16 th	
	TBA	
	Feb 21 st	6,14
	Avian Physiology III: Reproduction-Hernandez	
	Feb 23 rd	12,13
	Mating Systems-Hernandez	
	Feb 28 th	15,16
	Development and Clutch Size-Hernandez	
March	Mar 2 nd	8
	Song and communication-Rushing	
	Mar 7 th	
	SPRING BREAK-NO CLASS	
	Mar 9 th	
	SPRING BREAK-NO CLASS	
	Mar 14 th	11
	Territoriality Social behavior and Flocking--Hernandez OUTLINE OF RESEARCH PAPER IS DUE	
	Mar 16 th	10
	Migration and navigation-Rushing	
	March 21 st	9
	Annual Cycles and Life history strategies-Rushing	

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▲	March 23rd Population ecology-Rushing NOTE: Lecture Exam II March 28th	18
▲	March 28th Community ecology-Rushing	20
▲	March 30 Senses and Intro to Intelligence-Hernandez	7
▲ April	April 4th Avian intelligence-Hernandez FIRST DRAFT OF RESEARCH PAPER DUE	7
▲	April 6th Selected Avian diseases I-Hernandez	
▲	April 11th Avian diseases and health II-Hernandez	
▲	April 13th Habitat relationships-Rushing	Readings
▲	April 18th Monitoring bird populations-Rushing	Readings
▲	April 20th Agriculture and birds- Rushing	Readings
▲	April 25th Forestry and birds- Rushing	Readings
▲	April 27th Conservation-Rushing	21
▲	May 2nd TBA FINAL DRAFT OF RESEARCH PAPER DUE NOTE: Lecture Exam III during Final Exam period	

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Note: All readings, unless otherwise noted, are from Gill, F. Ornithology (third edition). Additional readings from the primary literature will also be assigned.

Tentative Lab Schedule, Spring 2022

Date	Topic	Location	Time
Jan	14 Field trip/Intro to projects/lecture	Lake Herrick/1-304	08:00
	21 Bird topography & orders / Projects	1-101	08:00
	28 Field trip / Projects	TBA	08:00
Feb	4 Anatomy/Dissection Lab	TBA	08 :00
	11 Lecture Exam I	1-101	08 :00
	18 Field trip / Projects	TBA	
	25 Field trip / Projects	TBA	08 :00
March	4 Lab Exam I / Projects	1-101	TBA
	11 No Classes – SPRING BREAK		
	18 Field trip / Projects	TBA	08:00
	25 Lecture Exam II	1-101	

April	1	Field trip / Projects	TBA	08:00
	8	Field trip / Projects	TBA	08:00
	15	Field trip / Projects	TBA	08:00
	22	Field trip / Projects	TBA	08:00
	29	Lab Exam II	1-101	TBA

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Note that field trips will meet in a variety of locations. You may be responsible for your own transportation to and from field trip sites, but often we will have a van that will meet at Warnell and drive to the site. Also note that lab times differ from week to week. Lab times and activities are subject to change due to a number of factors but primarily because of uncertainties related to weather. We will remind you of lab and exam times, primarily during class and through email, but you are ultimately expected to be at the correct place on time or you will be left behind.

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All academic work must meet the standards contained in “**A Culture of Honesty**.” Students are responsible for informing themselves about these standards before performing any academic work. The link to more detailed information about academic honesty can be found at: <http://www.uga.edu/honesty/>.

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UGA adheres to guidance from the University System of Georgia and the recommendations from Georgia Department of Public Health (DPH) related to quarantine and isolation. Since this may be updated periodically, we encourage you to review the latest guidance [here](#). The following information is based on guidance last updated on December 29, 2021.

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Face coverings:

Following guidance from the University System of Georgia, face coverings are recommended for all individuals while inside campus facilities. In addition, we ask that you wear masks when being transported in vans to field trips.

How can I obtain the COVID-19 vaccine?

University Health Center is scheduling appointments for students through the UHC Patient Portal (https://patientportal.uhs.uga.edu/login_dualauthentication.aspx). Learn more [here](https://www.uhs.uga.edu/healthtopics/covid-vaccine) – <https://www.uhs.uga.edu/healthtopics/covid-vaccine>.

The Georgia Department of Health, pharmacy chains and local providers also offer the COVID-19 vaccine at no cost to you. To find a COVID-19 vaccination location near you, please go to: <https://georgia.gov/covid-vaccine>.

In addition, the University System of Georgia has made COVID-19 vaccines available at 15 campuses statewide and you can locate one [here](https://www.usg.edu/vaccination): <https://www.usg.edu/vaccination>

What do I do if I have COVID-19 symptoms?

Students showing COVID-19 symptoms should self-isolate and get tested. You can schedule an appointment with the University Health Center by calling 706-542-1162 (Monday-Friday, 8 a.m.-5p.m.). Please DO NOT walk-in. For emergencies and after-hours care, see <https://www.uhs.uga.edu/info/emergencies>.

What do I do if I test positive for COVID-19? (Isolation guidance)

If you test positive for COVID-19 at any time, either through a PCR test, an Antigen test, or a home test kit, you are required to report it through the DawgCheck Test Reporting Survey. Follow the instructions provided to you when you report your positive test result in DawgCheck.

As of December 29, 2021, when an individual receive a positive COVID-19 test: Everyone, regardless of vaccination status, should:

· Stay home for 5 days.

· If you have no symptoms or your symptoms are resolving after 5 days, you can leave your house and return to class.

· Continue to wear a mask around others for 5 additional days.

What do I do if I have been exposed to COVID-19? (Quarantine guidance)

If you have been exposed (within 6 feet for a cumulative total of 15 minutes or more over a 24-hour period – unmasked**) to someone with COVID-19 or to someone with a positive COVID-19 test and you are:

· Boosted, or have become fully vaccinated within the last 6 months (Moderna or Pfizer vaccine) or within the last 2 months (J&J vaccine)

o You do not need to quarantine at home and may come to class.

o You should wear a mask around others for 10 days.

o If possible, get tested on day 5.

o If you develop symptoms, get tested and isolate at home until test results are received, then proceed in accordance with the test results.

· Unvaccinated, or became fully vaccinated more than 6 months ago (Moderna or Pfizer vaccine) or more than 2 months ago (J&J vaccine) and have not received a booster:

o You must quarantine at home for 5 days. After that you may return to class but continue to wear a mask around others for 5 additional days.

o If possible, get tested on day 5.

o If you develop symptoms, get tested and isolate at home until test results are received, then proceed in accordance with the test results.

** “Masked-to-masked” encounters are not currently considered an exposure; this type of interaction would not warrant quarantine.

You should report the need to quarantine on DawgCheck (<https://dawgcheck.uga.edu/>), and communicate directly with your faculty to coordinate your coursework while in quarantine. If you need additional help, reach out to Student Care and Outreach (sco@uga.edu) for assistance.

Well-being, mental health, and student support

If you or someone you know needs assistance, you are encouraged to contact Student Care & Outreach in the Division of Student Affairs at 706-542-7774 or visit <https://sco.uga.edu/>. They will help you navigate any difficult circumstances you may be facing by connecting you with the

appropriate resources or services. UGA has several resources to support your well-being and mental health: <https://well-being.uga.edu/>

Counseling and Psychiatric Services (CAPS) is your go-to, on-campus resource for emotional, social and behavioral-health support: <https://caps.uga.edu/>, TAO Online Support (<https://caps.uga.edu/tao/>), 24/7 support at 706-542-2273. For crisis support: <https://healthcenter.uga.edu/emergencies/>.

The University Health Center offers FREE workshops, classes, mentoring and health coaching led by licensed clinicians or health educators: <https://healthcenter.uga.edu/bewelluga/>

Monitoring conditions:

Note that the guidance referenced in this syllabus is subject to change based on recommendations from the Georgia Department of Public Health, the University System of Georgia, or the Governor's Office. For the latest on UGA policy, you can visit coronavirus.uga.edu.