Marine Mammal Biology – Spring 2021

ZOO4926 ONLINE ONLY

I. INSTRUCTOR INFORMATION

Professor:

Stefanie Gazda, Ph.D.

Email: stefanie.gazda@ufl.edu

Office Hours: Tuesdays from 3:00 to 5:00 pm and by appointment online.

Office hours will be held via Zoom.

II. COURSE INFORMATION

The course will be conducted online through the course CANVAS website and Zoom. You can directly access the Canvas login at https://elearning.ufl.edu/.

COURSE COMMUNICATION

All e-mail correspondence to course Instructors must originate from your ufl.edu account, have your full name in the body of the e-mail, and contain your course number in the subject line. E-mails not meeting these requirements may not be recognized by our e-mail filters, and thus may not be answered. For the timeliest responses, use the Inbox Tool in Canvas.

COURSE TEXTBOOK

The textbook is required for this course. You may choose to buy a hardcopy of the textbook or the eBook.

> Marine Mammals, Evolutionary Biology, **Edition 3**, by Annalisa Berta, James L. Sumich and Kit M. Kovacs. Publication date: 23 Apr 2015
>
> EBook ISBN: 9780123972576
>
> Hardcover ISBN: 9780123970022

COURSE DESCRIPTION

Some terrestrial mammals evolved adaptations in the past that allowed them to move towards either a full or a partial marine existence. This course will provide an understanding of a charismatic group of species, the marine mammals (cetaceans, pinnipeds, sirenians, sea otters and the polar bear), including evolutionary biology, physiology (locomotion, diving, thermoregulation, osmoregulation, reproduction), ecology (foraging/feeding behavior, distribution and habitat use, population dynamics), conservation and management. This course is an important upper division offering for Biology and Marine Biology majors.

PREREQUISITE KNOWLEDGE AND SKILLS

Prerequisite: BSC2010 and BSC2011 or the equivalent. It is highly recommended that students have taken Evolution and General Ecology either in a prior semester or concurrently.

MINIMUM TECHNICAL SKILLS

To complete your tasks in this course, you will need a basic understanding of how to operate a computer, and how to use word processing software. You will need to use a presentation-based software such as PowerPoint, and you will need to access Zoom (with a webcam) during Office Hours.

.HEIC files are not permitted.

COURSE GOALS AND OBJECTIVES

The goals of this course are to provide a broad overview on the biology of marine mammals. Students will understand the evolution and systematics of this group as well as gain a functional knowledge of their anatomy and physiology. They will also learn about the behavior, ecology and population biology of marine mammals and understand the relevant theoretical bases of these disciplines through lectures, discussions, projects, and guest speakers. A broader outcome of this course will be training student to read, interpret and synthesize scientific literature on specific topics.

The objectives of the course will be achieved if, by its conclusion, students can:

- Identify the major groups of marine mammals and describe their unique physiological and ecological characteristics.

- Discuss the major threats to marine mammal conservation and evaluate why certain species are particularly susceptible to these threats.

- Synthesize the primary literature into a written analysis on a marine mammal species and related course topic of your choice.

COURSE EXPECTATIONS

Each student is solely responsible for reading and following the instructions, guidelines, and schedules in this syllabus. Not having read the information in this syllabus or in Instructor announcements will not constitute an excuse for missing an assignment or other assessment.

III. COURSE POLICIES

As part of ZOO 4926, you are required to complete assignments. If at any time you have questions about these assignments, please contact the Instructor. A schedule will be posted on eLearning with the due dates for each assignment. All assignments must be completed by the stated due date and time for credit. No credit will be given for assignments completed after the deadline. **Extensions will NOT be given because of technical or personal issues that occur within 24 hours of the assignment deadline.** Many assignments may take several days to complete, so make sure you have time to devote to that assignment before you begin. You are expected to work by yourself on the assignments (other than group-based work) and cheating will not be tolerated. Note that all due dates for assignments are clearly posted on the course website and reflect the most up-to-date information.

ATTENDANCE

Students are expected to check the Canvas course regularly for announcements, assignment due dates, and other course-related information. Students are to complete all assigned work (quizzes, activities, and discussions) by the due dates. Students are strongly encouraged to read the assigned chapters before attempting any of the assignments as this will make it easier to comprehend the material.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the online catalog at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

TIME COMMITMENT

The UF College of Liberal Arts and Sciences assumes that each student will devote 3-4 hours per week per credit-hour to each course, including time in lectures and labs. Because ZOO 4926 is three credits, each student should therefore expect to devote 9-12 hours per week to this course during a regular semester. A recommended time allocation is in the table. If you find yourself spending more than the recommended number of hours per week on average on these activities, discuss this with your course Instructor to see if you can refine your study habits. If you find yourself spending less than the recommended number of hours per week on average, you should recognize that you may have difficulty learning and comprehending the material in this time, and this will probably be reflected in poor performance on the various assessments, causing you to receive a lower overall course grade.

Activity	Hours/Week
Lectures/Videos	2
Online Exercises	2-4
Textbook Readings	2-3
Review and Study	2-4

COMMUNICATION WITH YOUR INSTRUCTOR

When you have a question about the assignments, check the following sources first to see if it is already answered, before e-mailing your Instructor:

- Course Syllabus

- eLearning Announcements (this is the primary means that your Instructor has to communicate with you in a timely manner)

- eLearning Study Room Posts

If you still cannot find the answer to your questions:

- If it is a question that others might find useful to know the answer to as well, post it in the eLearning Study Room section in the week in question.

- If it is a question specific to you (e.g., account or grade specific), e-mail your Instructor. Barring unusual circumstances, expect a reply with 24 hours (48 hours on weekends; do not expect an immediate response in the evenings). E-mails and eLearning Discussion posts are checked at least once per day, but sometimes not more than that.

COURSE ACTIVITIES AND MATERIALS

There are several different types of assignments that students will have to complete. For most assignment types (activities, presentations, etc.) you will receive a grade based on the grading rubric provided. **There are no make-ups available for assignments**. Once assigned, assignments are always available online up until the deadlines. Because they are assigned well ahead of time, documentation of illness or a serious personal matter must be provided for at least five of the seven days of the week of the assignment's deadline for any accommodations to be made. It is especially important not to wait until just before the deadlines to complete assignments. A computer problem happening just before the deadline is not a valid excuse for not completing the assignment. If there is a technical problem with accessing the website or a particular assignment within Canvas, you must contact eLearning technical support and the online Instructor at least 48 hours prior to the deadline, so appropriate steps can be taken to fix the issue and appropriate extensions can be given if necessary. (Thus, check early that you can access the assignments. You will not be granted an extension for technical problems if you do not contact the online Instructor before the deadline.) It is best to get

your assignments done at least two days early. It is your responsibility to have and maintain all the equipment and services necessary to participate in an online course.

Repeated for emphasis: technical problems must be reported to the online Instructor at least 48 hours prior to the submission deadline, no exceptions!

Exams

There will be two "midterm" exams, but no cumulative "final" exam. Each exam will cover material from video lectures, learning activities, the online discussions, and the assigned reading in the textbook.

All exams will be administered using Honorlock. You will have to download an extension for your browser, and you can only use Google Chrome. For detailed instructions about Honorlock, review the student instructions page in the Orientation Module.

If necessary, exams MAY be scaled using the following approach: The top 3% of the scores will be averaged, and the difference from 100 points will be added to each exam score.

Exams will be available for review by appointment for one week after the exam date; specific times for exam review will be announced following each exam. Exams will not be available for review after the semester has ended.

Make-up Exams

No make-up exams will be given without prior permission or documentation of illness. Students that will be missing an exam due to a pre-arranged university-approved excused absence (sports, etc.) should let the Instructor know a minimum of two weeks in advance. These students may be required to take the make-up exam before the scheduled in-class exam.

In case of illness on exam day, a letter from the student's primary care provider is required. This letter must state that the student was unable to complete the exam on the scheduled date (i.e., a letter stating only that the student was seen in a clinic is not sufficient) and must go through the Dean of Students Instructor Notification system (https://care.dso.ufl.edu/Instructor-notifications/). A personal matter must also go through the same process. These notes must be received within five business days after the exam. Make up exams may be short-answer or essay format.

Attendance and Participation

Each lecture will be prerecorded and available for viewing at the beginning of each Module week. Links will be posted in the Module Overview page. You will watch the lecture vides through PlayPosit, an interactive video tool in Canvas.

Polls/quizzes/responses from each lecture will be worth 15% of your final grade. You will earn 1 point for each poll question you answer, and you will earn 1 point for each correct quiz answer. Your final lecture participation grade will be calculated out of 95% of the possible points available to the class to allow for any technical issues.

Participation will also be measured by student contributions to discussions in the weekly scientific paper discussion boards (15% of your final grade) and your participation in the Conservation Presentation discussion boards (10% of your final grade). This includes asking and answering questions from your Peers and the Instructor.

Group Conservation Presentations

In groups of 3 to 4 students, you will choose a specific case of marine mammal conservation and present the conservation problem to your peers in a 10-minute oral presentation. As part of the assignment, your group will choose one scientific paper from the primary literature for the class to read. It will be posted to Canvas at least one week before your presentation. There will be an asynchronous discussion/debate of the presentation on Canvas that your group will be responsible for moderating. The paper should be pertinent to your topic and should form the foundation for your discussion/debate. The Instructor must approve topics by the date listed in Canvas and each group should choose a different topic. All presentations are due on the same date, though the discussions will be released over several weeks.

Example topics include the Eastern Tropical Pacific dolphins and yellowfin tuna fishery, vaquita, harbor porpoise in the Gulf of Maine, Florida manatees, North Atlantic right whales, Hawaiian monk seal, river dolphins, Canadian seal cull, or another of your choice. To ensure each group member participates, you will be asked to complete anonymous reviews on the contributions made by each group member, including yourself. The average score for these reviews will be used to modify the group presentation grade to calculate your individual grade. For example, if your group earns a 90% on your presentation, but your peers on average say that you only did 75% of the work compared to everyone else, your score will be modified to a 67.5%. More details can be found in Canvas.

Literature Review Paper

Every student will submit a three page, 1.5-spaced paper at the end of the semester that synthesizes the current scope of a research topic on a species of Marine Mammal. Papers should extensively cite the primary literature in their analysis. More details can be found on Canvas.

Study Rooms

To facilitate actual discussion beyond the required assigned group discussions, a "Study Room" will be set up in eLearning in Canvas at the end of each module. Any questions regarding the lecture material or the online assignments should be posted there, so that the Instructor or your fellow students will be able to provide answers. Do not be shy about asking questions; if you are confused about the material there will almost certainly be other students with the same questions.

I DO NOT GIVE OUT EXTRA CREDIT! If you would like to earn more points towards your score, the best way to do this is to participate more. The more Study Rooms that you participate in, the more credit (up to 5% of your total grade) you can earn. Participation should be of quality: repeated questions already answered, or questions asked within three hours of the closing of the Study Room (thus not allowing sufficient time to be answered) do not count. Posts that do not follow the Netiquette policies do not count as participation.

COURSE GRADING

Assignment totals are subject to change at the discretion of the Instructor. All grades will be posted on eLearning, and it is the responsibility of the student to check their grades to make sure they are accurate. If there is a discrepancy, you must let us know within ONE week of the grade being posted on eLearning.

Assignments	Percentages
Exams (2)	30 % (15% each)
PlayPosit lecture scores	15%
Conservation Presentation (group; individual grades will be modified by anonymous Peer Reviews, see Canvas for more details)	15%
Conservation Debate Participation	10%
Weekly Scientific Literature Discussions	15%
Literature Review Paper (individual)	15%
Study Rooms	5% (Extra Credit)

The minimum grade cutoffs are listed below. These cutoffs will not be raised; in other words, if you receive 90% of the possible points, you are guaranteed to earn an A grade. Final scores will NOT be rounded (i.e., 89.99% is not 90%).

Point Range (%)	Letter Grade
≥ 90.00	A
≥ 86.66	A−
≥ 83.33	B+
≥ 80.00	B
≥ 76.66	B−
≥ 73.33	C+
≥ 70	C
≥ 66.66	C−

Note that the current UF policy for assigning grade points is available at the following undergraduate catalog web page: Grades and Grading Policies.

Please do not request individual special treatment regarding grading at the end of the semester; **I do not adjust grades for individuals for any reason**. Plan to do well on all exams and other

assessments from the beginning of the semester; if you are having difficulty in the class, please let your Instructors know *before* the exams rather than after.

PARTICIPATION

Group assignments require you to discuss answers in groups. You must adhere to the netiquette policies outlined below. Keep in mind that posts and discussions should make educated initial comments about the topic and properly cite sources and provide constructive criticism and feedback for groupmates.

Netiquette

When posting on the Discussion Board or participating in Zoom Discussions in your class, you should:

- Make posts/comments that are on-topic and within the scope of the course material.
- Take your posts/comments seriously and review and edit your posts before sending them.
- Be as brief as possible while still making a thorough comment.
- Always give proper credit when referencing or quoting another source.
- Be sure to read all messages in a thread before replying.
- Do not repeat someone else's post/comment without adding something of your own to it.
- Avoid short, generic replies such as, "I agree." You should include why you agree or add to the previous point.
- Always be respectful of others' opinions even when they differ from your own.
- When you disagree with someone, you should express your differing opinion in a respectful, non-critical way.
- Do not make personal or insulting remarks.
- Be open-minded.

COURSE TECHNOLOGY REQUIRMENTS

It is the responsibility of the student to maintain a functioning computing system and internet connection that can meet the minimum technical requirements of the course.

Computing/internet connectivity issues will NOT be acceptable excuses for missed deadlines unless they are brought to the attention of the Instructor at least 48 hours prior to the deadline and accompanied by the ticket number from technical support.

LATE WORK

Late work will not be accepted, unless there is written documentation from the Dean of Students Office (https://care.dso.ufl.edu/Instructor-notifications/), or due to a documented technical issue. If there is an issue with you completing your assignments on time, contact your Instructor immediately. Do not wait until the last minute!

MAKE-UPS

There are no make-ups available for assignments. Once assigned, assignments are always available online up until the deadlines. Because they are assigned well ahead of time, documentation of illness or a serious personal matter must be provided for at least five of the seven days of the week of the assignment's deadline for any accommodations to be made. All documentation must go through the Dean of Students Instructor Notification system (https://care.dso.ufl.edu/Instructor-notifications/). A personal matter must also go through the same process. These notes must be received within five business days.

It is especially important not to wait until just before the deadlines to complete assignments. A computer problem happening just before the deadline is not a valid excuse for not completing the assignment. If there is a technical problem with accessing the website or a particular assignment within CANVAS, you must contact eLearning technical support and the online Instructor at least 48 hours prior to the deadline, so appropriate steps can be taken to fix the issue and appropriate extensions can be given if necessary. (Thus, check early that you can access the assignments. You will not be granted an extension for technical problems if you do not contact the online Instructor before the deadline.) It is best to get your assignments done at least two days early. It is your responsibility to have and maintain all the equipment and services necessary to participate in an online course.

Repeated for emphasis: Technical problems must be reported to the online Instructor at least 48 hours prior to the submission deadline, no exceptions!

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

COVID-19

If you are experiencing COVID-19 symptoms (click here for guidance from the CDC on symptoms of coronavirus), please use the UF Health screening system and follow the instructions on whether you are able to attend class. Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms. Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. Refer to the above link for more information on the university's attendance policy.

DROP/ADD/WITHDRAWAL

A student can drop/add during the drop/add period with no penalty. After drop/add, a student who drops will receive a W until the date listed in the academic calendar. After that date, the student may be assigned an "E" (fail). Note: it is the responsibility of the STUDENT to withdraw from a course, not the Instructor. Failure to participate/complete the class does NOT constitute a drop.

COURSE EVALUATIONS

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.

IV. UF POLICIES

UF Online students are bound by the same UF policies as on-campus students. Please read this section in full.

UNIVERSITY POLICY ON ACADEMIC CONDUCT

UF students are bound by The Honor Pledge, which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Student Honor Code specifies the number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the Instructor in this class.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter that must be presented to the Instructor when requesting an accommodation. Note that the student should provide documentation of a requirement for accommodation **by the second week of classes**. No accommodations are available to students who lack this documentation. It is the policy of the University of Florida that the

student, not the Instructor, is responsible for arranging accommodations when needed. Once notification is complete, the Dean of Students Office of Disability Resources will work with the Instructor to accommodate the student. Accommodations are not retroactive.

CLASS DEMEANOR OR NETIQUETTE

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats. Review the Netiquette Guide for Online Courses for expected student behavior.

MINIMUM TECHNOLOGY REQUIREMENTS

The University of Florida expects students entering an online program to acquire computer hardware and software appropriate to his or her degree program. Most computers can meet the following general requirements. A student's computer configuration should include:

- Webcam
- Microphone
- Broadband connection to the Internet and related equipment (Cable/DSL modem)
- Microsoft Office Suite installed (provided by the university)

Individual colleges may have additional requirements or recommendations, which students should review prior to the start of their program.

SOFTWARE USE

All faculty, staff, and students at the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

VIRTUAL CLASS SESSIONS

This course does not have any live lectures. As a general disclaimer, any virtual class sessions may be audio-visually recorded for students in the class to refer to later. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded

during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials are prohibited.

V. TECHNOLOGIES

This course uses the following technologies:

PLAYPOSIT

PlayPosit is a learning engagement tool that is integrated into the course lectures. Interactive features mirror the traditional classroom experience and learners receive feedback to increase long-term retention, tripling learning efficacy over standard video. You do not need to create your own account; just click the lectures and answer the questions as they appear on the screen!

HONORLOCK

Honorlock is an online proctoring service that allows students to take exams on-demand 24/7. There are no scheduling requirements or fees.

You will need a laptop or desktop computer with a webcam, a microphone, and a photo ID. The webcam and microphone can be either integrated or external USB devices.

Honorlock requires that you use the [Google Chrome browser](); furthermore, the Honorlock extension must be added to Chrome.

For further information, FAQs, and technical support, please visit [Honorlock]().

ZOOM

Zoom is an easy-to-use video conferencing service available to all UF students, faculty, and staff that allows for meetings of up to 100 participants.

You can find resources and help using Zoom at [https://ufl.zoom.us]().

VI. GETTING HELP

Resources are available at [Distance Learning's Getting Help]() for:

- Counseling and Wellness resources

- Disability resources

- Resources for handling student concerns and complaints

- Library Help Desk support

Should you have any complaints about your experience in this course, please visit [Distance Learning's Student Complaint Process](#) to submit a complaint.

College can be a very stressful time in a person's life. Resources are available on campus to help students meet academic goals and solve personal problems, which may interfere with their academic performance. If you find that you are having difficulty emotionally or academically, there is substantial support available. See "*A Self Help Guide for Students*" or contact one of the following services:

- UF Counseling and Wellness Center, Radio Rd Facility, 392-1575

- Dean of Students Office, 202 Peabody Hall, 392-1261

- Career Resource Center, Reitz Union, 392-1601

- CLAS Academic Advising Center, Farrior Hall, 100 Fletcher Drive, 392-1521

- UF Field and Fork Pantry, 564 Newell Dr., 294-3601

Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in the course, is urged to contact the Dean of Students (202 Peabody Hall, 392-1261) for support. Furthermore, please notify your Instructor(s) if you are comfortable in doing so. This will enable us to provide any resources that we may possess.

TECHNICAL DIFFICULTIES

For issues with technical difficulties for Canvas, please contact the UF Help Desk at http://helpdesk.ufl.edu or (352) 392-HELP (4357).

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from the Help Desk when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your Instructor within 24 hours of the technical difficulty if you wish to request a make-up.

HEALTH AND WELLNESS

- **U Matter, We Care:** If you or someone you know is in distress, please contact mailto:umatter@ufl.edu, 352-392-1575, or visit umatter.ufl.edu to refer or report a concern and a team member will reach out to the student in distress.

- **Counseling and Wellness Center:** Visit counseling.ufl.edu or call 352-392-1575 for information on crisis services as well as non-crisis services.

- **Student Health Care Center:** Call 352-392-1161 for 24/7 information to help you find the care you need or visit shcc.ufl.edu.

- **University Police Department:** Visit police.ufl.edu or call 352-392-1111 (or 9-1-1 for emergencies).

- **UF Health Shands Emergency Room/Trauma Center:** For immediate medical care in Gainesville, call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; ufhealth.org/emergency-room-trauma-center.

ACADEMIC AND STUDENT SUPPORT

- **Career Connections Center:** 352-392-1601. Career assistance and counseling services career.ufl.edu/.

- **Library Support:** Various ways to receive assistance with respect to using the libraries or finding resources: cms.uflib.ufl.edu/ask

- **Teaching Center:** 352-392-2010 General study skills and tutoring: teachingcenter.ufl.edu/

- **Writing Studio:** 352-846-1138. Help brainstorming, formatting, and writing papers: writing.ufl.edu/writing-studio/

VII. PRIVACY AND ACCESSIBILITY POLICIES

For information about the privacy policies of the tools used in this course, see the links below:

Technology	Privacy Policy	Accessibility Policy/Statement
Instructure (Canvas)	Privacy Policy	Accessibility
Sonic Foundry (Mediasite Streaming Video Player)	Privacy Policy	Accessibility
Zoom	Privacy Policy	Accessibility
YouTube (Google)	Privacy Policy	Accessibility
Microsoft	Privacy Policy	Accessibility
Adobe	Privacy Policy	Accessibility
Honorlock	Privacy Policy	Accessibility

Technology	Privacy Policy	Accessibility Policy/Statement
PlayPosit	[Privacy Policy](#)	[Accessibility](#)

VIII. COURSE SCHEDULE

Start/End Dates	Module # and Topics	Readings and Assessments
5/10 – 16	**0:** Course Orientation	**Read:** Orientation Module pages **PlayPosit:** Orientation **Discussion:** Introduce Yourself **Other:** Course Orientation Quiz
5/10 – 16	**1:** Overview, Research Methods, Cedar Key FL	**Textbook:** Chap. 1 **PlayPosit:** questions from Lectures **Lit Discussion:** *Gazda et al 2005*
5/16 – 23	**2:** Evolution and Systematics, Geography	**Textbook:** Chap. 2 and 6 **PlayPosit:** questions from Lectures **Lit Discussion:** *Moore and Huntington 2008* **Other:** Start discussing Conservation topics in your group
5/23 –30	**3:** Marine Mammal Genera	**Textbook:** Chap. 3, 4, and 5 **PlayPosit:** questions from Lectures **Lit Discussion:** *Ray et al 2006* **Other:** One member per group should submit the topic for your Conservation Presentation for approval
5/30 – 6/6	**4:** Senses	**Textbook:** Chap. 7 **PlayPosit:** questions from Lectures **Lit Discussion:** *Caro et al 2011; Caro et al 2012*
6/6 – 13	**5:** Locomotion and Energetics	**Textbook:** Chap. 8 and 9 **PlayPosit:** questions from Lectures **Other:** Conservation Presentations are due at the end of this week!
6/13 – 20	**6:** Diving and Sound	**Textbook:** Chap. 10 **PlayPosit:** questions from Lectures **Lit Discussion:** *Friedlaender et al 2013*
6/17	**EXAM 1 (Modules 1-5) You have from 12:01 am to 11:59 pm to take the exam via Honorlock. You have 90 minutes to take the exam.**	
	6/21 – 6/25 Summer Break	
6/27 – 7/4	**7:** Echolocation and Communication, Long-Term Research Studies	**Textbook:** Chap. 11 **PlayPosit:** questions from Lectures **Lit Discussion:** *Connor and Krutzen 2015*
7/4 – 11	**8:** Conservation Presentations I	**Lit Discussion:** Papers related to the Conservation presentations

Start/End Dates	Module # and Topics	Readings and Assessments
7/11 – 18	**9:** Conservation Presentations II	**Lit Discussion:** Papers related to the Conservation presentations **Other:** Submit your topic for your Literature Review for approval
7/18 – 25	**10:** Diet and Foraging	**Textbook:** Chap. 12 **PlayPosit:** questions from Lectures **Lit Discussion:** *Wild et al 2020; Krutzen et al 2005* **Other:** Conservation Presentation Peer Reviews due
7/25 – 8/1	**11:** Reproduction and Population Dynamics	**Textbook:** Chap. 13 and 14 **PlayPosit:** questions from Lectures **Lit Discussion:** *Whitehead et al 1995; Brent el al 2015* **Other:** Literature Review due
7/25 – 8/6	**12:** Conservation and Management	**Textbook:** Chap. 15 **PlayPosit:** questions from Lectures **Lit Discussion:** *Pace et al 2015*
8/5	**EXAM 2 (Modules 6 - 12) You have from 12:01 am to 11:59 pm to take the exam via Honorlock. You have 90 minutes to take the exam.**	

VIV. DISCLAIMER

This syllabus represents the Instructor's current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.