

# ANS3319C – Reproductive Physiology and Endocrinology in Domestic Animals

## Lecture Syllabus (Fall 2023)

### Course coordinator:

Dr. Brad Daigneault  
Office Hours: M, W, F @ 10:30 –11:30 AM  
Remote Appointments available upon request  
Room 204C “Red” Larson Bldg, Animal Sciences  
[b.daigneault@ufl.edu](mailto:b.daigneault@ufl.edu)  
Ph: 352-273-2021

**Lectures (Location and Time):** ANS156 M,W,F (Period 3) 9:35 – 10:25

### Laboratory instructor:

Mr. Justin Callaham  
Office Hours: Before and after class, By appointment.  
Room 210E Animal Science building  
[callaham@ufl.edu](mailto:callaham@ufl.edu)  
Ph: 352-294-6754 |

**Attendance:** Lecture content is available on Canvas and will be released prior to the date of given lecture located under the **Modules** tab in Canvas. Please note that this content is not comprehensive and will therefore require attendance for full material. Make-up exams and assignments are not permitted without prior approval or professional medical notice. Refer to the university catalog for what qualifies as an excused absence and what documentation is required. <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>

### Labs:

Monday: 12:50 – 2:45 (Periods 6 & 7), 3:00 – 4:55 (Periods 8 & 9)  
Tuesday: 12:50 – 2:45 (Periods 6 & 7), 3:00 – 4:55 (Periods 8 & 9)  
Wed: 12:50 – 2:45 (Periods 6 & 7)

## Course Objectives:

- 1) Familiarize students with concepts in reproductive anatomy, physiology, & endocrinology of male and female domesticated animals including the cow, pig, horse, sheep, cat, dog, and human.
- 2) Introduce and discuss the systemic production, regulation and interactions of reproductive hormones including synthesis, and transport with emphasis on regulation of reproductive processes of male and female domesticated animals, livestock and humans.
- 3) Utilize the knowledge learned from Objectives 1 and 2 to introduce and discuss reproductive management practices that optimize reproductive efficiency of domesticated animals and humans.

## Textbook:

*"Pathways to Pregnancy and Parturition"* (3rd Edition 2012, P. L. Senger) is required since lecture material will be based directly on book content in addition to use of pictures and diagrams. A laboratory manual will be distributed in class and posted on Canvas. Students are responsible for reading handouts before lab and bringing handouts to lab.

## **Grading & Exams:**

All lecture graded activities will be conducted in ANS 156. Quizzes and assignments will be posted under the Assignment tab, submitted and grades posted on the Canvas website <https://ufl.instructure.com/>.

Your final grade will consist of lecture exams, quizzes, lab exercises, and a comprehensive final exam.

**All exams and quizzes are closed book and do not permit additional resources - including cell phones.**

Actual grades on all exercises will be the sum of the points received for correct responses as a percentage of total points possible. Final course grades will be based on the following percentage grade scale:

	<b>B+</b>	86.7-89.9	<b>C+</b>	76.7-79.9	<b>D+</b>	66.7-69.9	<b>F</b>	< 60
<b>A</b>	≥94	<b>B</b>	83.3-86.6	<b>C</b>	73.3-76.6	<b>D</b>	63.3-66.6	
<b>A-</b>	≥90 to <94	<b>B-</b>	80.0-83.2	<b>C-</b>	70.0-73.2	<b>D-</b>	60.0-63.2	

\*Note that grades will not be rounded unless the instructor notes a universal change in the grading scale. For example, an 83.69 will be recorded as a B.

<b>Final Grade Components</b>	<b>points</b>	<b>% final grade</b>
Three lecture exams (100 pts each) – <i>in class</i>	300	40%
Four quizzes (25 pts each) – <i>on Canvas</i>	100	15%
Lab grade (10 labs @ 50 pts each, two lab exams @ 200 pts each, 1 attendance @ 100 points) (see lab syllabus below for more detail)	1000	25%
Comprehensive final exam (200 pts)	200	20%

Information regarding University Policy on grade point equivalencies and calculation of grade points is located at (<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>).

## **Lecture Exam Dates:**

**Exam 1:** Sept. 25<sup>th</sup> (Mon); **Exam 2:** Oct 25<sup>th</sup> (Wed); **Exam 3:** Nov 27<sup>st</sup> (Mon)

*Lecture exam dates are tentative and can change at the discretion of the instructor.*

**Final Exam:** December 13<sup>th</sup> (Wednesday @ 10:00 AM – 12:00 PM).

Exam and quiz questions will be true/false, multiple choice, matching, short answer, and essay. For short answer and essay questions, a legible, organized, concise and grammatically correct answer will be expected to receive full credit. Outlining answers into pertinent points is acceptable and the suggested method of answering questions provided that the interrelationships between points are indicated. Lecture exams/quizzes will cover all material presented in the textbook, lecture, and lab take-home messages, and worksheets.

Quizzes will be administered online using a browser lock in Canvas. Student's will be provided ~5 days notice prior to the date of the quiz.

## **Important Dates**

Consult for a complete current info: [Dates and Deadlines](#)

- August 23<sup>rd</sup> : Class begins
- September 4<sup>th</sup>: No class – Labor Day
- October 6-7<sup>th</sup>: No class – Homecoming
- November 10<sup>th</sup>: No class – Veterans Day
- November 21<sup>st</sup>: Drop deadline
- November 23<sup>rd</sup>: Withdrawal deadline
- November 22-24<sup>th</sup>: No class - Thanksgiving
- December 6<sup>th</sup> Classes End
- December 7-8th: Reading days

## **Class Demeanor**

Students and attendees in the classroom are expected to act in a professional, polite, and respectful manner. Any person engaging in disruptive behavior will be asked to leave the room. Cell phones should remain in silent mode throughout the class. The use of cell phones is disruptive to others sitting within viewing vicinity, and therefore is not permitted. Personal devices may be used to engage in lecture, but viewing of any other content is considered disruptive to the learning environment and is not permitted. If content that does not strictly pertain to lecture material is displayed on a device, the person in possession of the device will be asked to remove the content, turn off the device or leave the room.

## Lecture Schedule

The schedule below is tentative regarding the dates and topics. The schedule may change at the instructor's discretion and class pace.

Week	Date	Assignment	Topic	Sanger Text
1	08/21 – 08/25	<i>Wed – 1<sup>st</sup> class</i>	Introduction / Female Anatomy	Ch 1, 2 (10-43)
2	08/28 – 09/01		Female Anatomy / Male Anatomy	Ch 2, 3 (44-79)
3	09/04 – 09/08	<i>Mon- No class</i>	Male Anatomy	Ch 2, 5 (100-125)
4	09/11 – 09/15		Reproductive Endocrine System	Ch 5, 6 (126-139)
5	09/18 – 09/22		Reproductive Endocrine / Puberty	Ch 6,11(228-253)
	<b>09/25</b>	<b>Exam 1 (Mon)</b>		Ch 1-6 & 11
6	09/25 – 09/29		Reproductive Cyclicality	Ch 7 ,8 (140-179)
7	10/2 – 10/6	<i>Fri- No class</i>	Follicular & Luteal Phase	Ch 8, 9 (160-201)
8	10/9 – 10/13		Luteal Phase, Spermatogenesis	Ch 9,10(202-227)
9	10/16 – 10/20		Spermatogenesis ( <u>End Exam 2 Material</u> )	Ch 10 (202-227)
	10/25	<b>Exam 2 (Wed)</b>	<i>(Mon &amp; Fri lecture content according to progress)</i>	
10	10/23 – 10/27		Reproductive Behavior, Sperm Transport	Ch 11,12(228-271)
11	10/30 – 11/03		Early Pregnancy Maternal Recognition of Pregnancy	Ch 13 (272-291)
12	11/06 – 11/10	<i>Fri no class</i>	Placentation, Gest, Part	Ch 14 (292-313)
13	11/13 – 11/17		Placentation, Gest, Part / Fetal Growth	Ch 14
14	11/20 –		Fetal Growth/ <i>Thanksgiving (22<sup>nd</sup> – 24<sup>th</sup>)</i>	
	<b>11/27</b>	<b>Exam 3 (Mon)</b>		
15	11/27 – 12/01		Parturition and Postpartum Period, Embryogenesis	Ch 15 (313-333) Ch 4 (80-99)
16	12/4 – 12/6	<i>Fri -Reading day 7-8<sup>th</sup></i>	Lactation & The Human Factor	Ch 15-16(314-351)
	<b>12/13</b>	<b>Final Exam</b>	Wednesday: 10:00 AM – 12:00 PM	

**ANS3319C - Reproductive Physiology and Endocrinology in Domestic Animals  
Laboratory Syllabus (Fall 2023)**

## **GENERAL LABORATORY INFORMATION**

### **Faculty Coordinator:**

Mr. Justin Callaham

Office Hours: Before and after class | W, F – 9:00 – 10:30 AM | By appointment

Room 210E Animal Sciences Building (0459)

Ph: 352-294-6754 | [callaham@ufl.edu](mailto:callaham@ufl.edu)

### **Lab Instructors & Teaching Assistants**

<u>Monday, 12:50 – 2:45 PM</u> Justin Callaham <a href="mailto:callaham@ufl.edu">callaham@ufl.edu</a>  Teaching Assistant(s): Elle Hamann Chelby Gossett	<u>Tuesday, 12:50 – 2:45 PM</u> Justin Callaham callaham@ufl.edu  Teaching Assistant(s):	<u>Wednesday, 12:50 – 2:45 PM</u> Justin Callaham callaham@ufl.edu  Teaching Assistant(s):
<u>Monday, 3:00 – 4:55 PM</u> Justin Callaham callaham@ufl.edu  Teaching Assistant(s):	<u>Tuesday, 3:00 – 4:55 PM</u> Saundra TenBroeck  Teaching Assistant(s):	

### **Lab Sections & Times:**

Monday: 12:50 - 2:45 PM (Section 10529 / RM67)

Monday: 3:00 - 4:55 PM (Section 10530 / RM89)

Tuesday: 12:50 - 2:45 PM (Section 10583 / RT67)

Tuesday: 3:00 - 4:55 PM (Section 10584 / RT89)

Wednesday: 12:50 - 2:45 PM (Section 28332 / RW67)

### **Locations:**

Laboratories will be held at several locations including room 155 Animal Sciences, Dairy Unit, Beef Teaching Unit, Swine Teaching Unit, and Horse Teaching Unit. Please refer to the lab schedule to determine where lab will be each week. Refer to this link for unit locations

<https://animal.ifas.ufl.edu/facilities/>.

**Transport is NOT provided.** Swine Unit has bus service, but you will need to find transportation to the Dairy Research Unit.

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### **Laboratory Objectives**

- The primary objectives of lab are to provide hands-on activities with live animals, dissection of tissues harvested from deceased animals, and operating laboratory and technical equipment frequently used in reproductive biology.
- To provide experiential learning that includes manipulation, dissection, animal handling and laboratory techniques concerning the anatomy and physiology of reproductive physiology in large animals.
- To develop skills and understanding of the basic principles of collection, evaluation, extension, and freezing of semen from farm animals.
- To introduce the concept of early embryonic development and provide hands-on experience dissecting pregnant reproductive tracts from the bovine and porcine.
- To develop skills and understanding of estrous synchronization, artificial insemination, embryo collection, embryo freezing, reproductive ultrasonography, and pregnancy diagnosis in the bovine, porcine, and equine species.

### **Weekly Laboratory Activities**

- **Reading** – the lab utilizes a lab manual that provides general reading about each week’s lab topic. Lab manual chapters are released each week in CANVAS in the laboratory home page.
- **Take Home Messages** – each lab topic has an associated homework assignment designed to ensure students retention of important information that should be taken away from each week’s lab. These assignments will assist students in preparing for the 2 lab practical examinations.
- **In lab experiential activities** – each lab topic has an associated hands-on learning component to expose students to laboratory bench top skills and concept reinforcement. Review the laboratory schedule for dates, locations, and topics for these F-2-F sessions. . **Students must attend their specific enrolled section** to participate in each week’s lab activities. **Attendance is required to receive credit for weekly graded exercises.**
- **Pre-Lab Activities** – students will be presented with various activities both in lab and in CANVAS. These activities include in lab quizzes and augmented reality exercises.
- Lab activities will include dissection of reproductive tissues including brain, male, female animal tracts obtained from the abattoir. You will be required to dissect and study these tissues in lab. The utilization of live animals and dissection of tissues are central to effective learning and enhancement of your lab experience.

### **Laboratory Deadlines and Submittals**

- All handwritten worksheets and homework must be completed and uploaded into Canvas by **11:59 PM on the DUE DATE** specified for each section in the lab schedule.
- All readings, worksheets, and Take Home Messages will be available the Thursday prior to each scheduled lab.
- Review Lab Schedule for specific course section dates and deadlines. This information is listed on the Canvas assignment as well.

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**Lab Grading Policies:**

- Lab is worth **25%** of your **final** course grade.
- Each lab is worth a total of 50 points each with 2 practical exams worth 200 points each. *The table below details assignments and point value specifics.*
- Your lowest lab grade during the semester (**excluding the lab practicum and final lab exam**) will be dropped from your lab grade.
- Attendance is vital to students' success and understanding of lab materials in preparation for the 2 lab practical exams. **If you have 2 or more unexcused lab absences your lab grade will be lowered by 1 letter grade.**

**Lab Assignments**

	<b><u># of Assignments</u></b>	<b><u>Points Each</u></b>	<b><u>Total Possible Points</u></b>
Pre-Lab Assignments	10	10	100 pts
In Lab Worksheets	10	20	200 pts
Take Home Messages	10	20	200 pts
Practical Exams	2	200	400 pts
Lab Participation	1	100	100 pts
<b>Total Points Available</b>			<b>1,000 pts</b>

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## VI. Laboratory Schedule

Lab	Week	Location	Topic	Dates & Deadlines
1	8/28 – 9/1	ANS 155	Lab Introduction/History of Reproduction	<b>Due Date (Sections):</b> <b>Aug 29, 11:59 PM (RM67, RM89)</b> <b>Aug 30, 11:59 PM (RT67, RT89)</b> <b>Aug 31, 11:59 PM (RW67, RW89)</b>
	9/4 – 9/8		Labor Day Holiday – NO CLASS	
2	9/11 – 9/15	ANS 155	Female Macro & Microscopic Reproductive Anatomy	<b>Due Date (Sections):</b> <b>Sep 12, 11:59 PM (RM67, RM89)</b> <b>Sep 13, 11:59 PM (RT67, RT89)</b> <b>Sep 14, 11:59 PM (RW67, RW89)</b>
3	9/18 – 9/22	ANS 155	Male Macro & Microscopic Reproductive Anatomy	<b>Due Date (Sections):</b> <b>Sep 19, 11:59 PM (RM67, RM89)</b> <b>Sep 20, 11:59 PM (RT67, RT89)</b> <b>Sep 21, 11:59 PM (RW67, RW89)</b>
4	9/25 – 9/29	ANS 155	Brain, Hypothalamic, and Pituitary Anatomy	<b>Due Date (Sections):</b> <b>Sep 26, 11:59 PM (RM67, RM89)</b> <b>Sep 27, 11:59 PM (RT67, RT89)</b> <b>Sep 28, 11:59 PM (RW67, RW89)</b>
5	10/2 – 10/6	ANS 155	Review Session (*attendance counts)	
6	10/9 – 10/13	ANS 155	<b>Lab Practicum Exam</b> (Material from first three labs)	
7	10/16 – 10/20	Swine Unit	Semen Collection & Artificial Insemination: Porcine	<b>Due Date (Sections):</b> <b>Oct 10, 11:59 PM (RM67, RM89)</b> <b>Oct 11, 11:59 PM (RT67, RT89)</b> <b>Oct 12, 11:59 PM (RW67, RW89)</b>
8	10/23 – 10/27	Horse Unit	Semen Collection & Artificial Insemination: Equine	<b>Due Date (Sections):</b> <b>Oct 17, 11:59 PM (RM67, RM89)</b> <b>Oct 18, 11:59 PM (RT67, RT89)</b> <b>Oct 19, 11:59 PM (RW67, RW89)</b>
9	10/30 – 11/3	ANS 155	Evaluation of Semen, Processing, and Cryopreservation	<b>Due Date (Sections):</b> <b>Oct 24, 11:59 PM (RM67, RM89)</b> <b>Oct 25, 11:59 PM (RT67, RT89)</b> <b>Oct 26, 11:59 PM (RW67, RW89)</b>
10	11/6 – 11/10	ANS 155	Embryology and Early Embryonic Development	<b>Due Date (Sections):</b> <b>Oct 31, 11:59 PM (RM67, RM89)</b> <b>Nov 1, 11:59 PM (RT67, RT89)</b> <b>Nov 2, 11:59 PM (RW67, RW89)</b>
11	11/13 – 11/17	ANS 155	Placental, Fetal Development and Fetal Sexing by Ultrasound	<b>Due Date (Sections):</b> <b>Nov 7, 11:59 PM (RM67, RM89)</b> <b>Nov 8, 11:59 PM (RT67, RT89)</b> <b>Nov 9, 11:59 PM (RW67, RW89)</b>
12	11/20 – 11/24		Thanksgiving - NO CLASS	
13	11/27 – 12/1	Dairy	Pregnancy Diagnosis by Ultrasound	Available: Apr 7, 11:59 PM <b>Due Date (Sections):</b> <b>Nov 14, 11:59 PM (RM67, RM89)</b> <b>Nov 15, 11:59 PM (RT67, RT89)</b> <b>Nov 16, 11:59 PM (RW67, RW89)</b>
14	12/4 – 12-6	ANS 155	<b>Final Lab Exam - Cumulative</b>	



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## **Policies**

### **In-Class Recording**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student

### **Academic Honesty:**

As a student at the University of Florida, you have committed yourself to uphold the Honor Code. 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 honor 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 Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. [Click here to read the Honor Code](#). 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 or TAs in this class.

Students will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>

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## **Attendance Policy**

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>

The amount of information presented in this course is diverse and expansive. If you regularly attend class, turn in assignments, and interact with me and your classmates, you will do well in this course.

There are no makeup opportunities for the hands-on experiential learning activities in this course. You will be provided the Take Home Message materials as an alternative assignment to ensure you get the required information.

## **Students Requiring Accommodation**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester. **Please note that students requiring exam accommodations will need to coordinate and schedule exams to be administered by the Disability Resource Center.**

## **Working with Livestock**

Working with livestock will require students to adhere to handling practices provided by the instructor either in written or verbal format. Animals are capable of injuring people, especially when they are in the flight or fight mode inspired by a stressful situation. The instructors will work to provide students with the ability to manage livestock with minimal stress, thus lowering the risk of injury to people and animals.

## **Biosafety and Biosecurity**

The biosafety and biosecurity of animals and students is a top priority for laboratory activities. Disease transmission can have severe negative consequences on animal and human health that can also be fiscally taxing. Some laboratory activities may require you to bring clean rubber boots that must be washed and disinfected prior to laboratory activities. You must also complete the biosecurity exercise prior to participation in labs conducted at animal units. The use of cell phones or cameras at animal facilities is not permitted without receiving written permission. Instructors and TA's may dismiss students from a lab for violation of biosecurity procedures.

## **Disability Issues:**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. [Click here to get started with the Disability Resource Center](#). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

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### **UF Evaluations Process**

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/>.

### **Software Use:**

All faculty, staff and students of 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.

### **Software Privacy Policies:**

1. Canvas (Instructure) - <https://sonicfoundry.com/privacy-policy/>
2. PlayPosit - <https://api.playposit.com/privacy/>
3. Mediasite - <https://sonicfoundry.com/privacy-policy/>
4. Zoom - <https://zoom.us/privacy>
5. Honorlock - <https://honorlock.com/student-privacy-statement/>
6. You Tube - <https://policies.google.com/privacy>

## **Campus Assistance Resources**

Students experiencing crises or personal difficulties that interfere with general well-being are encouraged to utilize the university's resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students experiencing difficulties or lacking clear career or academic goals, which interfere with their academic performance:

### **Health and Wellness Resources**

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

*Counseling and Wellness Center:* [Visit the Counseling and Wellness Center website](#) 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 the Student Health Care Center website](#).

*University Police Department:* [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).

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*UF Health Shands Emergency Room / Trauma Center:* For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website.](#)

*GatorWell Health Promotion Services:* For prevention services focused on optimal wellbeing, including Wellness Coaching for Academic Success, visit the GatorWell website or call 352-273-4450.

Academic Resources

*E-learning technical support:* Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at [helpdesk@ufl.edu](mailto:helpdesk@ufl.edu).

*Career Connections Center:* Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

*Library Support:* Various ways to receive assistance with respect to using the libraries or finding resources.

*Teaching Center:* Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

*Writing Studio:* 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

*Student Complaints On-Campus:* [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)

*On-Line Students Complaints:* [View the Distance Learning Student Complaint Process.](#)