

Syllabus for STA 2023

Intro to Statistics 1

Spring 2019 -- ONLINE

Instructor Information

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Teaching Assistant Information

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Online Free Tutoring (Office Hours)

Wednesdays and Fridays, 1:00 pm – 1:50 pm and 2:00 pm – 2:50 pm (see Canvas for more details)

- *Where: Canvas conferences.*
- *Three to five homework problems on the material related to the module will be worked out during each session and then questions from those in attendance will be taken. Questions may also be sent through the discussion board.*
- *After the problems are worked out and all questions are answered, the session will be closed.*

Layout of the Course:

The course is set up on a modular system.

- *Modules are due nearly every Monday and Thursday. There are 24 modules in the course.*
- *Each MODULE will have the following four components:*
 - *OVERVIEW. This page provides important information about assignments and material covered in the module.*
 - *LESSON. The lesson includes several short videos with questions to reinforce the material. You can re-do the questions in the lessons until you get them correct.*

- QUIZ. For each quiz, you will have up to three attempts, and the highest score counts as a grade. Each quiz is worth 10 points towards your final grade.
- EXTRA EXAMPLES OR EXTRA RESOURCES. These are optional for those who need additional practice.

Who to contact for Help

Whom do you contact if you have a problem or question?

Problem	Contact
Questions about grades, actual exam questions, or administrative matters	John Seppala, through email or Canvas messaging
Questions about course material from lessons, practice material, projects, etc. (but NOT actual exam questions)	Post in the Canvas Discussion Board under the corresponding Module. Your question can be answered by other students, the TAs, or the instructor.
Technical problems with videos, quiz functions, or other Canvas issues	UF help desk, at 352-392-HELP
Questions about the lessons and other technical questions	Post in the Canvas Discussion Board under Technical Questions.

Course Material By Week

Week 1	Introduction to the field of statistics;
Week 2	Exploring Data with graphs, Measures of Center, Shape, and Spread;
Week 3	Exploring Relationships between Two Variables , Regression
Week 4	Cautions with Regression, Data from Surveys/Experiments and Probability
Week 5	Probability and Probability Distributions
Week 6	Probability Distributions, Exam 1
Week 7	Sampling Distribution for the Sample Proportion
Week 8	Sampling Distribution for the Sample Mean, More about Sampling Distributions
Week 9	Spring Break
Week 10	Confidence Intervals for the Population Proportion and Population Mean
Week 11	More about Confidence intervals, Significance Test for the Population Proportion
Week 12	Significance Test for the Population Mean, Exam 2
Week 13	Additional Topics on Significance Test, Comparing Two Independent Proportions
Week 14	Comparing Means from Independent and Dependent Samples
Week 15	McNemar's Test and Permutation Tests, Which Test is Which?
Week 16	Exam 3

Required Materials

For this course, you will need the following five items:

- *Student Lab Workbook*—for **Statistics, the Art and Science of Learning from Data**, by Megan Mocko and Maria Ripol. Choose either the published version or the You Print version on the Canvas course homepage.
- *Scientific Calculator*--a NON-GRAPHING calculator with statistical functions for the mean and standard deviation, such as a TI-30, TI-32, TI-34, or TI-36. Typical cost is \$15 to \$25.
- *Statistical Software Package*--choose either Minitab (free in [UF apps](#)), StatCrunch (\$13 for six months at www.statcrunch.com), or www.artofstat.com (free online).
- *Textbook*— **Statistics, the Art and Science of Learning from Data**, by Agresti, Franklin, and Klingenberg (4th edition). Pearson, 2017. Choose either a hardback new or used (ISBN: 9780321997838), new and bundled with the Lab Workbook (ISBN: 9780134567662), an [e-book from the publisher](#), or an [e-book by opting in to UF All Access](#) and then retrieving the text using the Bookshelf tab in the Canvas course homepage.
- *Computer*--one that has a reliable internet connection and meets the requirements for proctored exams by ProctorU.

Course Assessment

Assessment	Points towards Grade
Exam 1	300
Exam 2	300
Exam 3	300
Quizzes	260
Mini-Projects	240
Free Points	100
Total	1500

Possible Grades for the Course

Letter Grade	Grade Points	Total Points Needed	Percentage of Points Needed
A	4.00	1350.00 to 1500.00	90.00 to 100.00%
A-	3.67	1320.00 to 1349.99	88.00 to 89.99%
B+	3.33	1290.00 to 1319.99	86.00 to 87.99%
B	3.00	1200.00 to 1289.99	80.00 to 85.99%
B-	2.67	1170.00 to 1199.99	78.00 to 79.99%
C+	2.33	1140.00 to 1169.99	76.00 to 77.99%
C	2.00	1050.00 to 1139.99	70.00 to 75.99%
D	1.00	900.00 to 1049.99	60.00 to 69.99%
E	0.00	0.00 to 899.99	0.00 to 59.99%

Please see the following webpage for UF grading policies for assigning grade points:
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

You must have a grade of a C to get general education credit for this course.

Course Website

We will be using the course management system, Canvas (www.elearning.ufl.edu). In Canvas, you will be able to: complete the lessons in the course, find any updates to the syllabus, watch the lectures as streaming video while you complete the lessons, take the online quizzes, turn in portions of the project using the assignment tool, ask questions in the discussion boards, and check your grades. For any technical problems with e-Learning, please contact 392-HELP or learning-support@ufl.edu.

Lessons (similar to the idea of lectures with clicker questions)

- You will be completing approximately two modules per week.
- Each module includes text and video about the assigned material. As you work through the material, you should be filling in the student lab workbook.
- Modules generally take about 3 hours to complete on average, but completion times vary by module and by student.

Quizzes

It is important to practice statistics in order to learn it.

- There is a quiz for each of the 24 modules in the course, plus a midterm and final course survey, for a total of 26 quizzes.
- All quizzes will count towards the final grade. Each quiz can be taken up to three times, and the highest score is recorded.

- Quizzes not taken by the due date will receive a score of zero. Since the due dates are posted on the calendar for the semester and can be taken as early as desired, no exceptions will be made.
- Some quizzes will have questions centered around a theme, while other quizzes will have questions independent of each other.
- Quizzes are worth 10 points each, for a total of 260 points.

Mini-Projects

- In this course, there will be three individual mini projects. “The Islands” mini-projects bring together all aspects of the course: data collection, experimental design and data analysis.
- More information and rubrics will be provided in Canvas.
- The mini-projects are worth 80 points each, for a total of 240 points. There will be a 20 point late penalty per day for each mini-project.

Exams

- There will be three online proctored exams. The exams will be multiple choice, drop down box and matching. Exams will cover a larger amount of material than the quizzes and will also place more emphasis in the understanding of concepts and ideas behind the formulas.
- **Academic dishonesty** on any exam will result in a grade of **zero** on that exam. For the exam, you will be allowed to have one blank sheet of paper and a scientific calculator. Using a cell phone during the exam is considered an honor code violation and will be reported to the honor court.
- Formula Sheets, and appropriate tables (z and t tables) will also be available as a link in the instructions of the exam. You can find a link to the formula sheets under module 1: Important Resource Formula Sheets for Exam.

Online Exam Dates

Exams	Date	Course Modules	Textbook Sections	Handbook Pages
Exam 1	Friday, Feb 15 th (7 am to 9 pm start time)	1 to 10	1.1 to 6.3	You Print: 1-53, Lab Book: 1-48
Exam 2	Friday, Mar 29 th (7 am to 9 pm start time)	11 to 17	7.1 to 9.2	You Print: 54-89, Lab Book: 49-85
Exam 3	Friday, Apr 26 th (7 am to 9 pm start time)	18 to 24	9.3 to 10.5	You Print: 90-127, Lab Book: 86-121

Makeup Exam Policy

- Every effort should be made to take the exam during the open exam period. **ONLY DOCUMENTABLE AND VERIFIABLE EXTREME CIRCUMSTANCES** will warrant a makeup exam. Contact the instructor prior to the exam day - as soon as you realize you will be unable to take the test at the scheduled time. The instructor will review each request for a makeup exam on an individual basis. **OFFICIAL DOCUMENTATION MUST BE SUBMITTED** to receive consideration for scheduling a makeup exam. The makeup exams will be mostly multiple choice with some short answer questions.
- If you have an emergency on the day of the exam, the instructor must be contacted by midnight of the day of the exam via email.
- **To make arrangements for a makeup exam:** Contact the instructor at jseppala@ufl.edu. Makeup exams will cover the same material as the regularly scheduled exam, but will not necessarily be in multiple choice formats.

Pre-Exam Checklist

- Go to ProctorU's FAQ: <http://proctoru.com/faq.php>
- Test out your equipment: <http://www.proctoru.com/testitout/>
- Be sure that you are in a well lit room – must be daylight quality.
- Be sure to have your photo id ready.
- Be sure to bring a reflective surface such as a mirror, CD or DVD.

ProctorU Information Handout

You will be taking your exam through an online proctoring company. I have posted their information here for your convenience.

What We Do

ProctorU is a revolutionary new service that allows students to complete their assessment at any location while still ensuring the academic integrity of the exam for the institution. Using almost any web cam and computer, you can take exams at home, at work, or anywhere you have internet access.

Preparing for Your Exam

You will be connected to a live person during your exam that will be there to guide you through the process and assist with any technical problems. If you have any questions, please call our proctor line at 205-870-8122.

Appointments

Appointments are required to use ProctorU and all appointments need to be made at least 72 hours in advance. If you register prior to 72 hours before the exam, there will not be an additional fee. Reservations made within 72 hours of your exam are subject to a \$5 late reservation fee. There is also a “Take it Now” option that does not require prior reservation. However, it will incur a fee of \$8.75, and proctors may not be available! At the beginning of the semester, simply create a free account at <https://go.proctoru.com/registrations>. Then, to make an exam reservation, go to <https://go.proctoru.com/session/new>, log in, click on the “new exam” link and select the exam, date, and time you desire. You will receive a confirmation email of your reservations at the email address that you provided to ProctorU.

Procedure

- Plan ahead for your session.
- Make sure you have a quiet, private location in which to take the test.
- The area and room around your computer will be scanned using a web cam prior to your exam, so all non-authorized materials should be put away and the area should be clutter-free. If you are using a public computer lab, you must have a web cam connection and use headphones, so you won't disturb others.
- You will also be required to show picture identification to your proctor at the time of your exam. Approved forms of identification include, but are not limited to, a driver's license, military identification card, passport, or school-issued identification card.
- No breaks are allowed during your testing session and cell phones and other devices will not be permitted in the testing area.
- No other people are allowed in the area in which the test is being taken.
- Any unauthorized notes or other attempts to cheat will abort the test session and will be reported to your instructor. Note: you will receive a zero for the exam, and your violation of the UF Honor Code will be reported to the UF Honor Council, where you may be subject to additional disciplinary action.
- At the date and time of your appointment, return to <https://go.proctoru.com/session/new>, log in, and a message will appear saying, “You have an exam. Click here to begin.” Click on this button and it will automatically take you to the proctor page. Fill out your personal information and hit submit. You will then be directed to a screen which will connect you to your proctor. Just follow the steps on the screen and a proctor will be connected with you shortly. Once connected, your designated proctor will walk you through the set up process and you will log into your testing portal. Your proctor will also supply the password for your examination. Your exam time will begin when the proctor enters the examination password on your screen. If you have any problems connecting, please call ProctorU at 205-870-8122. Should you not be able to reach ProctorU via telephone you can email help@proctoru.com. If you have scheduled an exam and you are late, your proctor will attempt to call you at the phone number you provided when you scheduled your exam. Should there be any UF login issues at the time of your scheduled exam your proctor will contact the course instructor or course coordinator and you will be able to reschedule your exam if necessary.
- You may not take the exam at a café, on a plane, train or other public place.
- Make sure that your laptop is plugged in before starting the exam.

Suggested Homework

Suggested homework problems from the hardback textbook can be found listed under each module page.

Statistical Software Packages

- **StatCrunch** is an online statistical software package that comes with the MyStatLab access code. You can also purchase it through the website Statcrunch.com for 6 months for \$13.50. The data sets from the textbook are automatically entered.
- **Artostat.com** is also an online statistical software package that accompanies our book. It is not required that you have Mystatlab.com to use it. It is free to use.
- **Minitab** is a statistical software package available through UF APPS. See more information here: <https://info.apps.ufl.edu/> .

Online Free Tutoring

- Where: Canvas conferences – on the left sidebar of the course.
- On Wednesdays and Fridays as listed on the Canvas course homepage.
- The TA or the instructor will work out 3-5 problems on the material related to the module and then take questions from those in attendance.
- You can also send the instructor or TA questions prior to the session to be included.
- After the TA or instructor has finished going over the problems and answered additional questions, the session will be closed.

Question and Answer Discussion Board

We will be using the Canvas discussion board for questions. Post questions under the appropriate module, and introduce the question with a title such as “page 50 HW question 4.25” or “Mini Project Question 2” or “Interpreting R-squared”. You are able to ask questions about lessons, videos, lesson quizzes, and homework questions.

DO NOT POST QUESTIONS ABOUT THE ACTUAL EXAM QUESTIONS online in or outside of the course in Canvas. An easy way to think about it is this, if you are not being proctored by ProctorU, you are free to post your question in the discussion board at any time. If you are asking a question about material while you are being proctored, please email the instructor privately through email after finishing the exam.

Students who post Exam questions or answers online will be penalized. It will be considered a violation of the UF Honor Code.

Please email the instructor to discuss private matters such as grades, medical excuses, and DRC letters.

The discussion board is a positive learning environment to ask questions. Please be respectful of other students at all times. Do not use profanity or use this as a forum for complaints.

Textbook Chapters Covered

Chapter 1	<i>Statistics: The Art and Science of Learning From Data</i> 1.1 <i>Using Data to Answer Statistical Questions</i> 1.2 <i>Sample versus Population</i>
Chapter 2	<i>Exploring Data with Graphs and Numerical Summaries</i> 2.1 <i>Different Types of Data</i> 2.2 <i>Graphical Summaries of Data</i> 2.3 <i>Measuring Center of Quantitative Data</i> 2.4 <i>Measuring the Variability of Quantitative Data</i> 2.5 <i>Using Measures of Position to Describe Variability</i>
Chapter 3	<i>Association: Contingency, Correlation, and Regression</i> 3.1 <i>The Association Between Two Categorical Variables</i> 3.2 <i>The Association Between Two Quantitative Variables</i> 3.3 <i>Predicting the Outcome of a Variable</i> 3.4 <i>Cautions in Analyzing Associations</i>
Chapter 4	<i>Gathering Data</i> 4.1 <i>Experimental and Observational Studies</i> 4.2 <i>Good and Poor Ways to Sample</i> 4.3 <i>Good and Poor Ways to Experiment</i> 4.4 <i>Other Ways to Conduct Experimental and Non-experimental Studies</i>
Chapter 5	<i>Probability in Our Daily Lives</i> 5.1 <i>How Probability Quantifies Randomness</i> 5.2 <i>Finding Probabilities</i> 5.3 <i>Conditional Probability: The Probability of A Given B</i> 5.4 <i>Applying Probability Rules</i>

Chapter 6	<i>Probability Distributions</i> 6.1 <i>Summarizing Possible Outcomes and Their Probabilities</i> 6.2 <i>Probabilities for Bell-Shaped Distributions</i> 6.3 <i>Probabilities When Each Observation Has Two Possible Outcomes</i>
Chapter 7	<i>Sampling Distributions</i> 7.1 <i>How Sample Proportions Vary Around the Population Proportion</i> 7.2 <i>How Sample Means Vary Around the Population Mean</i>
Chapter 8	<i>Statistical Inference</i> 8.1 <i>Point Estimates of Population Parameters</i> 8.2 <i>Constructing a Confidence Interval to Estimate the Population Proportion</i> 8.3 <i>Constructing a Confidence Interval to Estimate the Population Mean</i> 8.4 <i>Choosing a Sample Size for a Study</i> 8.5 <i>How Do Computers Make New Estimation Methods Possible?</i>
Chapter 9	<i>Statistical Inference: Significance Test About Hypotheses</i> 9.1 <i>Steps for Performing a Significance Test</i> 9.2 <i>Significance Tests about Proportions</i> 9.3 <i>Significance Tests about Means</i> 9.4 <i>Decisions and Types of Errors in Significance Tests</i> 9.5 <i>Limitations of Significance Tests</i>
Chapter 10	<i>Comparing Two Groups</i> 10.1 <i>Categorical Response: Comparing Two Proportions</i> 10.2 <i>Quantitative Response: Comparing Two Means</i> 10.3 <i>Other Ways of Comparing Means and Comparing Proportions</i> 10.4 <i>Analyzing Dependent Samples</i>

School Closures

If classes at the University of Florida are canceled, the course will be suspended until the university re-opens. The University will announce this closure on the University

of Florida homepage. Any announcements about the course will be posted at the course website.

Course Policies

Extensions: Because it is possible to complete the lessons and quizzes early, no extensions will be given on assignments unless there is prolonged hospitalization. Please complete the quizzes early if you have travel plans, religious or other observances, sports or club events, or other time conflicts, whether or not they are approved by UF.

Privacy Policies: Student records are confidential. Only information designated “UF directory information” may be released without your written consent. UF views each student as the primary contact for all communication. Grades, attendance, or other information that is not “UF directory information” cannot be given to parents or other third parties.

Email: Email relating to information about the class should be sent to the instructor at jseppala@ufl.edu or through Canvas messaging. In most cases, your message will be answered within one business day. Please kindly refer to the syllabus, the Canvas course homepage, and other course materials for the answers to many common questions. Also, please post questions regarding course material on the Canvas discussion boards so that other students can benefit from your answers to your questions.

Instructor's Honor Code: We the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.

Academic Dishonesty: We adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office for Student Services for detailed information about the current policies.

Students with Disabilities: Students with disabilities requesting accommodations should first register with the Disability Resources Center (<http://www.dso.ufl.edu/drc/>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Grading: Grades will be changed only when an error has been made; grade negotiation is not appropriate.

Incomplete: Incomplete grades are only assigned when extraordinary circumstances (such as an accident, or extended hospitalization) occur after the withdrawal period has been ended, and the circumstances prevent the student from completing the course

requirements. Having a failing grade in the course is not a valid reason for requesting an Incomplete.

Instructor Course/Evaluations : Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu/> Evaluations are typically open during the last two weeks of the semester. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results> .

Where to Get Help for this course:

- During Online Office Hours (Free Tutoring)
- Discussion Board in Canvas
- Via emails to the TAs or to the instructor

How to do well in the course

- Keep up with the lessons. Set a schedule for yourself and stick with it.
- Visit the course website regularly to read announcements on the course homepage
- Do well on the lessons and quizzes.
- Visit the free tutoring sessions to get help from the TA and your instructor. They are here to answer any questions that you may have, and to help you understand the material and learn how to do the problems correctly.
- Get to know other students in the class and get together regularly to work on homework problems, and to study for quizzes and exams. Please remember to be professional in your conversations. Respect each other and refrain from profanity.
- Prepare carefully for exams by going over the lessons, doing your suggested homework problems, studying your quizzes and reading the book. Pay special attention to the understanding of concepts and ideas behind the formulas.

How to get the most out of the online course

- Set aside time each day to complete the lessons
- Watch and read the lessons on a regular schedule
- Complete the lessons and then take the quiz.
- Actively involve yourself in the lesson. Be mentally and physically prepared to learn. Work out the problems presented in the videos. Learning is not a spectator sport. Jump in and work out the problems.
- Watch the lecture videos and complete the lessons in a low-distraction environment. Your attention should be focused completely on the lesson.
- The lessons were designed with great care and detail. Make sure that you are paying attention to all of it.

Problems

Each online distance learning program has a process for, and will make every attempt to resolve, student complaints within its academic and administrative departments at the program level. See <http://distance.ufl.edu/student-complaints> for more details.

- Please contact the instructor first via email at jseppala@ufl.edu to resolve your complaint.
- If your complaint is not resolved, please contact the chair of the Department of Statistics at 352-392-1941.
- If your complaint is still not resolved, please visit <http://www.distance.ufl.edu/student-complaints> to submit your complaint.

General Course Information

This course satisfies general education credits in the mathematical sciences. Students learn how to summarize data and how to make appropriate decisions based on data. (This course is the general education category of M.)

Course Description

STA 2023 is an introductory course that assumes no prior knowledge of statistics but does assume some knowledge of high school algebra. Basic statistical concepts and methods are presented in a manner that emphasizes understanding the principles of data collection and analysis rather than theory. Much of the course will be devoted to discussions of how statistics is commonly used in the real world. There are two major parts to this course:

I Data – which includes graphical and numerical summaries to describe the distribution of a variable, or the relationship between two variables (chapters 1, 2 and 3, approximately 1.5 weeks), and data production to learn how to design good surveys and experiments, collect data from samples that are representative of the whole population, and avoid common sources of biases (chapter 4, 1 day.)

II Probability and Inference – using the language of probability and the properties of numerical summaries computed from a random samples (chapters 5, 6 and 7, 2 weeks), we learn to draw conclusions about the population of interest, based on our random sample, and attach a measure of reliability to them (chapters 8, 9, 10 approximately 2 weeks).

Course Objective

The primary goal of the course is to help students understand how the process of posing a question, collecting data relevant to that question, analyzing data, and interpreting data can help them find answers to real problems from their world.

General Education Objective (Mathematics)

Courses in mathematics provide instruction in computational strategies in fundamental mathematics including at least one of the following: solving equations and inequalities, logic, statistics, algebra, trigonometry, inductive and deductive reasoning. These courses include reasoning in abstract mathematical systems, formulating mathematical models and arguments, using mathematical models to solve problems and applying mathematical concepts effectively to real-world situations.

In this course, this objective will be met by . . .

During the semester the students will be given an introduction to the three main aspects of statistics: design (of experiments/surveys), description (of data collected) and inference (the extension of conclusions from the data gathered in the sample to the larger population). These concepts will be presented through lectures three times a week and lab once a week. They will also learn about the normal and binomial distributions as well as the methodology of confidence intervals and significance tests. From the methods that they learn in class they will be able to critique real world surveys and experiments, interpret graphs in newspapers and magazines as well as conduct basic statistical inference for one or two groups.

General Education Student Learning Outcomes (SLOs)

Content: *Students demonstrate competence in the terminology, concepts, methodologies and theories used within the discipline.*

Communication: *Students communicate knowledge, ideas, and reasoning clearly and effectively in written or oral forms appropriate to the discipline.*

Critical Thinking: *Students analyze information carefully and logically from multiple perspectives, using discipline specific methods and develop reasoned solutions to the problems.*

In this course, these SLOs will be met by . . .

Content: *Students will learn critical terminology, concepts, methods, and theories during lecture. These concepts will include terminology to describe one and two samples, discuss surveys/experiments, basic probability theory, sampling distributions, and one and two group inference. The students will be assessed on these terms and concepts during the lessons, quizzes and the two exams. Students will also demonstrate their competence in identifying the appropriate formulas to use for each situation and using those formulas correctly.*

Communication: *The students will use verbal and written communication to discuss central statistical concepts in the mini-projects. These concepts include description of data sets, sampling methods and interpretations of inference methodology.*

Critical Thinking: *The students will be asked to critically think about trustworthiness of surveys and experiments presented in the media. Additionally, students will learn how to conduct significance tests, a statistical method to logically determine if there is enough evidence for a hypothesis. Students will learn how to state the null and alternative hypotheses (different perspectives) and then to use the data collected to determine if there is enough evidence to support the alternative hypothesis using methods central to the field of statistics. The students will be tested on these concepts in their lessons, quizzes and on the exams.*

Course Objective

The primary goal of the course is to help students understand how the process of posing

a question, collecting data relevant to that question, analyzing data, and interpreting data can help them find answers to real problems from their world.

University Services

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling Services and Mental Health Services

- <http://www.counseling.ufl.edu/cwc/Default.aspx>
- **352-392-1575**

University Police Department

- **352-392-1111 or 9-1-1 for emergencies**