

**RESEARCH METHODS IN CRIME, LAW AND JUSTICE(CCJ6705)
QUANTTATIVE RESEARCH METHODS (SYA6407)**

University of Florida
CCJ 6705, Section # EN07, Class #10923
SYA6407, Section # EN08, Class #14478
Friday. Periods 2 to 4 (8:30 am–11:30 am)
Ustler Hall 0103

Instructor

Professor:	Dr. Myunghee (Maggie) You	Office:	3353 Turlington Hall
E-Mail:	myunghee@ufl.edu	Office Hours:	T/R 10:30am–12:00pm

Course description and objectives

This course has two main objectives. First, because cleaning, preparing, and documenting data is essential before any analysis can take place, the course introduces students to key strategies for preparing quantitative data—transforming “raw” information into an analysis-ready dataset. Second, students will learn to conduct research using multiple regression analysis with the Stata statistical software package. We will begin with a brief review of univariate and bivariate statistics, but most of the semester will be devoted to discussing and practicing regression analysis with real data. Throughout the course, we will emphasize the assumptions underlying regression models, the consequences of violating those assumptions, and methods for addressing such violations. Topics will include dummy variables, nonlinear effects, interaction effects, and mediating effects.

Course objectives include the following:

1. Develop skills in cleaning and preparing quantitative data for analysis.
2. Apply regression techniques to real datasets and interpret analytical results.
3. Understand regression model assumptions and the consequences of violating those assumptions, and methods for addressing such violations.
4. Understand mediation and moderation effects and statistically test their impact.

Required Materials

There are two required textbooks:

1. McClendon, McKee J. 2002. *Multiple Regression and Causal Analysis. Prospects Heights, IL:Waveland Press*. ISBN: 9781577662433
2. Allison, Paul D. 1999. *Multiple Regression: A Primer. Thousand Oaks, CA: Pine Forge Press*. ISBN: 9780761985334

There is one suggested textbook:

1. Cooper, J. A., Collins, P. A., & Walsh, A. (2016). *Understanding and using statistics for criminology and criminal justice*. Oxford University Press.

Additional supplemental information will be placed on Canvas. Please check the Canvas site regularly to ensure that you don't miss important updates or supplementary class materials.

Course requirements

1. Take-home assignments (25% of grade). You will be given five assignments throughout the semester that you must complete outside of class. These will involve using Stata to conduct and interpret the statistical analysis that we are learning in class. You are free to discuss the assignments with fellow students, but the work you turn in must be your own. Each assignment will be worth 20 points.

a. Assignment #1	20 points	Date: 01/23/2026
b. Assignment #2	20 points	Date: 02/13/2026
c. Assignment #3	20 points	Date: 03/13/2026
d. Assignment #4	20 points	Date: 04/03/2026
e. Assignment #5	20 points	Date: 04/17/2026

2. In-class quizzes (25% of grade). Throughout the semester we will have 4 quizzes administered in class. They will be based on the readings and class discussion. Each quiz will be worth 25 points.

a. Quiz #1	25 points	Date: 01/30/2026
b. Quiz #2	25 points	Date: 02/20/2026
c. Quiz #3	25 points	Date: 03/27/2026
d. Quiz #4	25 points	Date: 04/17/2026

3. Research paper (50% of grade). Each student is required to submit a term paper on any topic that interests you within the field of criminology and criminal justice. You will determine the topic of the paper, but it must be approved by me no later than the date noted in the course schedule. The paper must be of graduate student quality, about 25 pages double spaced, and formatted in accordance with the standards of a major social science journal. Though the substantive topic of the paper is up to you, it must employ the statistical methods that we cover in the course. More detailed instructions and guidelines will be provided later in the semester. The completed paper must be uploaded on Canvas no later than the due date noted in the course schedule.

a. Topic approval	20 points	Date: 03/13//2026
b. Term paper	180 points	Date: 04/24//2026

Course Grades

The following grading standards will be used in this class.

Take-home assignments	5 @ 20 points each	100 points
In-class quizzes	4 @ 25 points each	100 points
Research paper	—	200 points

Grade	Points Range	% Range
A	376 – 400	94% - 100%
A-	360 – 375	90% - <94%
B+	348 – 359	87% - <90%
B	336 – 347	84% - <87%
B-	320 – 335	80% - <84%
C+	308 – 319	77% - <80%
C	296 – 307	74% - <77%
C-	280 – 295	70% - <74%
D+	268 – 279	67% - <70%
D	256 – 267	64% - <67%
D-	240 – 255	60% - <64%
F	0 – 239	0% - <60%

Course Policies

University Attendance Policy. Excused absences include documented illness, professional activities that conflict with attendance (e.g. attending a conference), deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness. More information on attendance policies is available via UF academic regulations at <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Makeup and late work. Missing or late exams and assignments will receive 0s unless you are unable to complete or submit exams or assignments without an acceptable excuse (per the University attendance policy above). Prior to the due date, you must submit a written and signed explanation as to why the exam or assignment will be missed. If you ask for an excuse after the due date of the scheduled exams, you must submit documentation of your absence (e.g., a doctor's note). An undocumented illness will not qualify as excused absence. Requirements for make-up exams, assignments, and other work in the course are consistent with university policies. For more policy, see <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>.

Grading Policy. Assignments should be completed with professional integrity: do your own work, as that is good professional practice, and you benefit more. I will provide detailed instructions for graded work. I will provide comments and suggestions on assignments with grading rubrics, and assign points based on performance relative to the rubric. Information on current UF grading policies for assigning grade points is available at <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

Policy on responding to students. Email responses typically within 24 hours. Graded assignments are typically returned within 1 week after the due date.

Syllabus Change Policy. Except for changes that substantially affect implementation of the evaluation (grading) statement, this syllabus is a guide for the course and is subject to change with advance notice.

In-class Recording of Lectures. 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 education 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 deliver by an 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 presentation such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private 3 conversations between students in the class or between a student and the faculty or guest 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 Honor Code and Student Conduct Code.

Academic Honor Policy. 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 Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. If you have any questions or concerns, please consult with the instructor or TAs in this class. **For more information**, see the UF Conduct Code website at <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.

The University of Florida Student Honor Code outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. 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 Conduct Code specifies a number of behaviors that are in violation of this code and the possible sanctions. See

the UF Conduct Code website at <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>.

Academic Success. Your academic success is a top priority for the University of Florida. University resources to help you succeed include tutoring centers, computer labs, counseling and health services, and services for designated groups, such as veterans and students with disabilities. The following information is not exhaustive, so please check with your advisor or the Dean of Students office to learn more.

Americans with Disabilities Act. UF values diversity and inclusion; we are committed to a climate of mutual respect and full participation. Our goal is to create learning environments that are usable, equitable, inclusive, and welcoming. UF is committed to providing reasonable accommodations for all persons with disabilities in a manner that is consistent with academic standards of the course while empowering the student to meet integral requirements of the course. Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See the “Get Started With the DRC” webpage on the Disability Resource Center site. 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.

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center. See “Get Started With the DRC” Disability Resource Center webpage (<https://disability.ufl.edu/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.

To receive academic accommodations, a student:

- (1) must register with and provide documentation to the Disability Resource Center;
- (2) must provide a letter from the DRC to the instructor indicating the need for accommodation and what type; and,
- (3) should communicate with the instructor, as needed, to discuss recommended accommodations. A request for a meeting may be initiated by the student or the instructor.

Please note that instructors are not allowed to provide classroom accommodations to a student until appropriate verification from the DRC has been provided. For more information, you can contact the

Disability Resource Center

001 Reid Hall

(352) 392-8565

<https://disability.ufl.edu>

Course Evaluations: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online. Students can

complete evaluations in three ways: [1] The email they receive from GatorEvals; [2] Their Canvas course menu under GatorEvals; or [3] The central portal at <https://my-ufl.bluer.com>. Guidance on how to provide constructive feedback is available at <https://gatorevals.ua.ufl.edu/students/>. Students will be notified when the evaluation period opens. Summaries of course evaluation results are available to students at <https://gatorevals.ua.ufl.edu/public-results/>.

Campus Resources. Various centers and programs are available to assist students. These include the following:

E-Learning Technical Support

For issues with technical difficulties for E-learning in Canvas, 24/7
(352) 392-HELP (4357)
<https://it.ufl.edu/helpdesk/>

Library Support

Various ways to receive assistance with respect to using the libraries or finding resources.
(866) 281-6309 or email ask@ufl.libanswers.com
<https://uflib.ufl.edu/>

Writing Studio

Help brainstorming, formatting, and writing papers. Help brainstorming, formatting, and writing papers.
Daytime (9:30am-3:30pm): 2215 Turlington Hall, (352)846-1138
Evening (5:00pm-7:00pm): 2215 Turlington Hall, (352)846-1138
<https://umatter.ufl.edu/office/writing-studio/>

Enrollment Management Complaints

Registrar, Financial Aid, Admissions
<https://em.ufl.edu/complaint>

Office of the Ombuds

Academic Complaints
(352) 392-1308
<https://www.ombuds.ufl.edu/complaint-portal/>

University Counseling & Wellness Center

Counseling, crisis services, outreach, referrals, self-care, etc.
(352) 392-1575
<https://uhs.fsu.edu/>

Student Health Care Center

General medical care, urgent care, immunizations pharmacy, counseling, etc.
(352) 392-1161
<https://shcc.ufl.edu/>

University Policy Department

For issues with safety on campus, 24/7

(352) 392-1111 (for non-emergencies), 911 (for emergencies)

<https://police.ufl.edu/>

UF Health Shands Emergency Room/ Trauma Center

For immediate medical care

(352) 7333-0111

<https://ufhealth.org/locations/uf-health-shands-emergency-room-trauma-center/>

GatorWell Health Promotion Services

For prevention services focused on optimal wellbeing, including Wellness

Coaching for Academic Success

(352) 273- 4450

<https://gatorwell.ufsa.ufl.edu/>

Collegiate Veterans Success Center

Supporting UF student veterans, service members, and their families by providing a designated space on campus to study, socialize, and connect with both on- and off-campus resources in a fun and relaxing atmosphere.

(352) 294-7233

https://dso.ufl.edu/areas_services/veterans/

Schedule of Readings and Assignments

Week	Date	Lecture Topic	Reading Chapters		Due
			McClendon	Allison	
1	1/16 (F)	Course Plan Statistical Review Data Management	1	1	
2	1/23 (F)	Bivariate Regression Data Management	2	5	Assignment 1
3	1/30 (F)	Multivariate Regression I	3	2	Quiz #1
4	2/06 (F)	Multivariate Regression II	3	3,4	
5	2/13 (F)	Multivariate Regression III	3		Assignment 2
6	2/20 (F)	Significance Testing	4		Quiz #2
7	2/27 (F)	Regression Assumptions & Influence	4	6	
8	3/06 (F)	ACJS Conference Week (No Lecture)			
9	3/13 (F)	Regression Assumptions & Influence	4	7	Assignment 3 Topic Approval
10	3/20 (F)	Spring Break (No Lecture)			
11	3/27 (F)	Dummy	5		Quiz #3
11	4/03 (F)	Non-linearity	6	8	Assignment 4
12	4/10 (F)	Moderating Effect	7		
13	4/17 (F)	Direct, Indirect, and Spurious Effects	8		Quiz #4 Assignment 5
14	4/24 (F)	Reading Days (No Lecture)			Research paper due

Note: This syllabus serves as a guide for the course and is subject to change with advance notice. Additional supplemental information (e.g., lecture slides, notes, Stata commands, etc.) will be placed on Canvas.