

CJ 790: Research Methods and Data Analysis

Course Number: CJ 790

Course Title: Research Methods and Data Analysis

Department Name: Criminology and Criminal Justice

College/School/Division Name: School of Education and Behavioral Sciences

Term: Summer 2024

Course Credits: 3

Class Location: Behavioral Sciences Building, Room 101

Instructor: Laura Johnston, Ph.D.

E-Mail: laura.johnston@chaminade.edu

Office Hours: As scheduled; by appointment

University Course Catalog Description

This course is designed as an examination of research methods used to solve social problems and resolve issues in public administration and criminal justice system components. This course will stress the application of social scientific approaches to problem solving through empirically based research. Additionally, you will learn how to apply the knowledge you have gained to gauge the work of others, academic and otherwise, in the field.

Program Learning Outcomes

Upon successful completion of the M.S. in Criminal Justice Studies, students will be able to:

1. Apply the primary concepts and assumptions of the traditional and contemporary theories of addressing crime.
2. Identify and critique efficient criminal justice standards while recognizing basic rights guaranteed to each individual both by state and federal constitutions and laws.
3. Examine the problems associated with ethical administrative decision-making.
4. Integrate issues of race, ethnicity, gender, age, and social class and identify how they affect the criminal justice system in terms of understanding social causes of crime.
5. Develop and apply research methods as used in the social or natural sciences, with a particular emphasis on the basic skills necessary to conduct (and direct) research in criminal justice agencies and related institutions.
6. Engage the Marianist tradition of education for service, peace, and justice as it pertains to local and national social justice, injustices, and inequities in the criminal justice field.

Student Learning Outcomes

Upon successful completion of this course, the student will:

1. Critique the application of various social science research methods, given various research questions.
2. Develop a sound research design, including hypotheses, question development, and question construction.
3. Construct a survey for use and interpretation in the social sciences (i.e., criminal justice focused).

4. Identify measurement issues of reliability and validity and operationalization of variables in surveys.
5. Identify sampling techniques and applications for question and survey design.
6. Interpret and relay results from survey research in the specified format (e.g., analytical report).

Marianist Values

This class represents one component of your education at Chaminade University of Honolulu.

An education in the

Marianist Tradition is marked by five principles and you should take every opportunity possible to reflect upon

the role of these characteristics in your education and development:

1. Education for formation in faith
2. Provide an integral, quality education
3. Educate in family spirit
4. Educate for service, justice and peace
5. Educate for adaptation and change

Native Hawaiian Values

Education is an integral value in both Marianist and Native Hawaiian culture. Both recognize the transformative

effect of a well-rounded, value-centered education on society, particularly in seeking justice for the marginalized,

the forgotten, and the oppressed, always with an eye toward God (Ke Akua). This is reflected in the 'Ōlelo

No'eau (Hawaiian proverbs) and Marianist core beliefs:

1. Educate for Formation in Faith (Mana) E ola au i ke akua ('Ōlelo No'eau 364) May I live by God
2. Provide an Integral, Quality Education (Na'auao) Lawe i ka ma'alea a kū'ono'ono ('Ōlelo No'eau 1957) Acquire skill and make it deep
3. Educate in Family Spirit ('Ohana) 'Ike aku, 'ike mai, kōkua aku kōkua mai; pela iho la ka nohana'ohana ('Ōlelo No'eau 1200) Recognize others, be recognized, help others, be helped; such is a family relationship
4. Educate for Service, Justice and Peace (Aloha) Ka lama kū o ka no'eau ('Ōlelo No'eau 1430) Education is the standing torch of wisdom
5. Educate for Adaptation and Change (Aina) 'A'ohe pau ka 'ike i ka hālau ho'okahi ('Ōlelo No'eau 203) All knowledge is not taught in the same school

Required Learning Materials

Bachman, Ronet and Russell K. Schutt. 2017. The Practice of Research in Criminology & Criminal Justice 7th edition. Los Angeles: Sage Publications.

Salkind, Statistics for People Who (Think They) Hate Statistics 7e

Optional book for this course: The Publication Manual of the American Psychological Association 7th edition-
ISBN: 9781433832161

Course Requirements

1. Weekly chapter quizzes, 2 points each= 18 total points
Each chapter quiz will review the content from the chapter reading assignment.
2. Discussion posts, 3 points each= 15 points total
Selected units will have discussion questions that allow for demonstration of knowledge of the key chapter concepts, community building, reflection, and critical thinking.
3. SPSS Exercises, 2 points each= 16 points total
Each chapter will provide data set variables for students to utilize and understand statistical analysis
4. Research Proposal Paper/presentation = 49 points
You will prepare a research proposal addressing a specific problem of interest within your field of interest.

Research Proposal

Title page

Abstract: Very clearly posed abstract that provides a summary of the research report that includes the hypothesis, the procedure, and projected results in 120 words or less.

Introduction

- Literature Review (How problem has been investigated and how past research has been applied to the identified problem)
- Statement of the problem (Why the identified problem stills needs to be investigated)
- Guiding Theory (What theory helps to explain why the identified problem is occurring, to make an outcome predictions, and helps us to organize empirical findings in our discipline)
- Research question, Hypothesis, and Prediction Statement

Methodology

- Operational Definitions (Independent and Dependent variables for this study- How has the existing literature defined these variables and how will they be measured)
- Subject Description (the proposed characteristics of the participants, how this sample population will be chosen)
- Procedures (procedural steps of the research process, how the research will be conducted; and description of the proposed testing materials/ assessments or intervention that will be utilized (should include visual diagram detailing stages of research)
- Study Survey Instrument (Describe your scale/survey and data collection process. You will need to include a copy of your instrument in your research proposal appendix).

Reference page (no less than 8 peer-reviewed journal articles)

This Research Proposal must be formatted using APA style 7th edition.

A grading rubric for the research proposal will be posted on Canvas

Assessment

1. Weekly Chapter Quizzes, 2 points each= 18 total points
2. Discussion Posts: 3 points each= 15 points total

4. SPSS Exercises: 2 points each= 16 points total
5. Research Proposal Paper/presentation= 49 points
Total Points= 100

Grading Scale

A =90-100

B =80-89

Letter grades are given in all courses except those conducted on a credit/no credit basis. Grades are calculated from the student's daily work, class participation, quizzes, tests, term papers, reports and the final examination.

They are interpreted as follows:

A: Outstanding scholarship and an unusual degree of intellectual initiative

B: Superior work done in a consistent and intellectual manner

C: Average grade indicating a competent grasp of subject matter

D: Inferior work of the lowest passing grade, not satisfactory for fulfillment of prerequisite course work

F: Failed to grasp the minimum subject matter; no credit given

MSCJA Program Policy

Chaminade University and MSCJA program policy requires graduate students to maintain a minimum cumulative GPA of 3.0. Students whose graduate GPA falls below 3.0 will be placed on academic probation and given two terms to bring their GPA up to an acceptable 3.0 or higher level. Failure to do so will result in dismissal from the MSCJA program. Students will be allowed to repeat only two (2) courses. After a third "C" grade, the student will be dismissed from the program.

Late Work Policy

All assignments will be due in Canvas by 11:59 pm on the due dates specified in this syllabus. Late submissions of assignments will be accepted until the last day of class. Regardless of the reason, all late assignments will receive a 50% point deduction irrespective of how late it is submitted.

Grades of "Incomplete"

A student in good standing in a course, may petition to the instructor for an "I" grade. This grade is appropriate only if extraordinary conditions beyond the control of the student have led to an inability to complete course requirements. When submitting a grade, the "I" must be accompanied by the alternative grade that will be automatically assigned after 30 days. These include, IB, IC, ID and IF. If only an "I" is submitted, the default grade is F. The completion of the work, evaluation, and reporting of the final grade is due within 30 days after the end of the term. The time limit may extend under exceptional circumstances with approval. Any student who has incomplete grades into the next semester will be required to review their course schedule with their academic Advisor.

Technical Assistance for Canvas Users

- Search for help on specific topics or get tips in Canvas Students
- Live chat with Canvas Support for students

- Canvas Support Hotline for students: +1-833-209-6111
- Online tutorials: click on “Students” role to access tutorials
- Contact the Chaminade IT Helpdesk for technical issues: helpdesk@chaminade.edu or call (808) 735-4855

Chaminade Counseling Center

Students may consider counseling when they may need an unbiased perspective on issues they are facing or when they are unable to manage their own difficulties independently and their day-to-day functioning is being impacted. For more information regarding the Counseling Center services, please visit:

<https://chaminade.edu/student-life/counseling-center/counseling-services/>

Email: counselingcenter@chaminade.edu

Phone: 808-735-4845.

Kokua Ike: Tutoring & Learning Services

Kokua Ike provides access to free one-on-one tutoring for students, online tutoring via TutorMe, and manages test administration services. Information regarding the tutoring center can be found at <https://chaminade.edu/studentsuccess/kokua-ike/>

Email: tutoring@chaminade.edu

Phone: 808-739-8305

Disability Access

If you need individual accommodations to meet course outcomes because of a documented disability, please speak with me to discuss your needs as soon as possible so that we can ensure your full participation in class and fair assessment of your work. Students with special needs who meet criteria for the Americans with Disabilities Act (ADA) provisions must provide written documentation of the need for accommodations from Kōkua ‘Ike: Center for Student Learning by the end of week three of the class, in order for instructors to plan accordingly. If a student would like to determine if they meet the criteria for accommodations, they should contact the Kōkua ‘Ike Coordinator at (808) 739-8305 for further information (ada@chaminade.edu).

Title IX Compliance

Chaminade University of Honolulu recognizes the inherent dignity of all individuals and promotes respect for all people. Sexual misconduct, physical and/or psychological abuse will NOT be tolerated at CUH. If you have been the victim of sexual misconduct, physical and/or psychological abuse, we encourage you to report this matter promptly. As a faculty member, I am interested in promoting a safe and healthy environment, and should I learn of any sexual misconduct, physical and/or psychological abuse, I must report the matter to the Title IX Coordinator. If you or someone you know has been harassed or assaulted, you can find the appropriate resources by visiting Campus Ministry, the Dean of Students Office, the Counseling Center, or the Office for Compliance and Personnel Services.

Credit Hour Policy

The unit of semester credit is defined as university-level credit that is awarded for the completion of coursework. One credit hour reflects the amount of work represented in the intended learning outcomes and verified by evidence of student achievement for those learning outcomes. Each

credit hour earned at Chaminade University should result in 45 hours of engagement. This equates to one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester, 10 week term, or equivalent amount of work over a different amount of time. Direct instructor engagement and out-of-class work result in total student engagement time of 45 hours for one credit. The minimum 45 hours of engagement per credit hour can be satisfied in fully online, internship, or other specialized courses through several means, including (a) regular online instruction or interaction with the faculty member and fellow students and (b) academic engagement through extensive reading, research, online discussion, online quizzes or exams; instruction, collaborative group work, internships, laboratory work, practica, studio work, and preparation of papers, presentations, or other forms of assessment. This policy is in accordance with federal regulations and regional accrediting agencies

Schedule

Week/Date	Topics	Assignments
Week 1 July 3, 2024	Syllabus Introduction Bachman Chapters 1 & 2 Errors in Reasoning Identification of Hypothesis & Variables	Bachman Ch. 1 & 2 Quiz Discussion post Due 7/9 11:59pm
Week 2 July 10, 2024	Bachman Chapter 3 Salkind Chapters 2 & 3	Bachman Ch. 3 Quiz CITI certification Research proposal article reviews Research Question/ Hypothesis Draft SPSS Exercise Chapters 2 & 3 Due 7/16 11:59pm
Week 3 July 17, 2024	Bachman Chapters 4 & 5 Salkind Chapters 5 & 6	Bachman Ch. 4 & 5 quiz Discussion post SPSS Exercises Chapters 5 & 6 Due 7/23 11:59pm
Week 4 July 24, 2024	Bachman Chapters 6 & 7 Salkind Chapters 7 & 8	Bachman Ch. 6 & 7 quiz SPSS Exercises Chapters 7 & 8 Due 7/30 11:59pm
Week 5	Bachman Chapters 8 & 9	Bachman Ch. 8 & 9 quiz

July 31, 2024	Questionnaire Development Salkind Chapters 9 & 10	Discussion post SPSS Exercises Chapters 9 & 10 Due 8/6 11:59pm
Week 6 August 7, 2024	Bachman Chapters 10 & 11 Analyzing Content Program Evaluation Salkind Chapters 11 & 12	Bachman Ch. 10 & 11 quiz SPSS Exercises Chapters 11 & 12 Due 8/13 11:59pm
Week 7 August 14, 2024	Bachman Chapter 12 Mixing Methods Salkind Chapters 13 & 14	Bachman Ch. 12 quiz Discussion post SPSS Exercise Chapter 13 & 14 Due 8/20 11:59pm
Week 8 August 21, 2024	Bachman Chapter 13 Quantitative Data Analysis Salkind Chapters 15 & 16	Bachman Ch. 13 quiz SPSS Exercise Chapter 15 & 16 Due 8/27 11:59pm
Week 9 August 28, 2024	Bachman Chapters 14 & 15 Analyzing Qualitative Data Salkind Chapter 17	Bachman Ch. 14 & 15 quiz Discussion post SPSS Exercise Chapter 17 Due 9/3 11:59pm
Week 10 September 4, 2024	Research Proposal Presentation	Research Proposal Due 9/7 11:59pm