

Winter 2022

FACULTY OF ARTS Department of Sociology Department of Sociology Website: <u>https://soci.ucalgary.ca/</u>

COURSE TITLE: Seminar in Mixed Methods Research			
Course Number	SOCI 601/701		
Pre/Co-Requisites	Consent of the Department of Sociology		
Instructor Name	Jean E. Wallace Email jwallace@ucalgary.ca		jwallace@ucalgary.ca
Instructor Email Policy	 Feel free to contact me by email at any time. Please put the course number in your email's subject line, and include a proper salutation, your full name, student ID, and a proper closing in the body of your email. I do not answer emails over the weekend. Please take that into account when emailing me questions about upcoming readings or assignments. Please check the course Home Page regularly (a couple times a week) for any news or updates and please email me immediately if there are problems accessing any of the course materials. 		
Office Location	SS 914	Office Hours	ТВА
Telephone No.	403-220-6515		
Class Dates	Wednesday		
Class Times	9:00 am – 11:45 am		
Class Location	Social Sciences 921		

Course Description

This course will provide an introduction to mixed methods research to graduate students who are already familiar with quantitative and qualitative methods. It will introduce students to the emerging and ongoing challenges related to the application of mixed methods as experienced across various disciplines. The mixed methods approach will be discussed to inform and provide guidance in decision making about when and how to use mixed methods. Different types of mixed methods research designs will be examined and critical issues involving the use of mixed methods will be addressed.

Course Objectives/Learning Outcomes

• Asking Mixed Methods Questions: Students will be able to formulate research questions appropriate for mixed methods and learn how and when to use mixed methods.

- **Using Mixed Methods Approaches:** Students will be able to differentiate between the different mainstream mixed methods designs and approaches.
- Communicating Mixed Methods Results: Students will be able to identify avenues for dissemination
 of mixed methods findings and translate mixed methods results into publishable manuscripts and/or
 practical applications.

Method	Due	Grade Percentage
Reflective Notes + Discussion	Due Mondays @ 5:00pm for Weeks 2	10 x 2.5% = 25%
Questions	through 12 (you select 10 of the 11 weeks)	
Bits and Pieces	February 11, February 18, March 11, March	5 x 5% = 25%
	18 and March 25 @ 5:00 pm via D2L	
Final Project (Oral)	April 6 in class	15%
Final Project (Written)	April 15 @ 5:00pm via D2L	25%
Class Participation	Weeks 1 to 12	10%

Methods of Assessment and Grading Weights

Final Exam Information: There is no final exam for this course.

Required Textbooks, Readings, Materials, Electronic Resources

- 1. **Creswell, J.W., and Plano Clark, V.L. (2018).** *Designing and Conducting Mixed Methods Research.* SAGE Publications Inc. (Third Edition), Thousand Oaks, CA.
- Morgan, D.L. (2014). Integrating Qualitative and Quantitative Methods: A Pragmatic Approach. SAGE Publications Inc.: Thousand Oaks, CA. Note that the e-book version is available for no cost. <u>http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-qualitative-and-quantitative-methods-a-pragmatic-approach</u>
- DeCuir-Gunby, J.T., and Schutz, P.A. (2017). Developing a Mixed Methods Proposal: A Practical Guide for Beginning Researchers. SAGE Publications Inc.: Thousand Oaks, CA. Selected chapters and the e-book version are available for no cost. <u>http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/Book/developing-a-mixed-methodsproposal</u>

SEMINAR		
WEEK/DATE	SEMINAR TOPIC	REQUIRED AND RECOMMENDED READINGS
Week 1	Introduction & welcome	Morgan, D.L. (2014). "An Introduction and Overview" (Chapter 1, pp. 3-
Jan. 12	to the course	23)
	Today's class is an	
	introduction to the dialog	Morgan, D.L. (2014). "Pragmatism as a Paradigm for Mixed Methods
	of mixed-methods	Research" (Chapter 2, pp. 25-44).
	research. Along with the	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-
	typical first-day-of-class	qualitative-and-quantitative-methods-a-pragmatic-approach
	business, I will present an	
	overview of the rest of	Creswell, J.W., & Plano Clark, V.L. (2018). "The Nature of Mixed
	the term.	Methods Research" (Chapter 1, pp. 1-20).

Schedule of Lectures and Readings

Week 2	Qualitative Methods	Creswell, J.W. (2013). Qualitative Inquiry & Research Design: Choosing
Jan. 19	We will review an overview of different qualitative approaches to inquiry.	Among Five Approaches. SAGE Publications, Inc,: Thousand Oaks, CA. pp. 69-110. PDF posted on D2L
	Guest Speaker: Dr. Pallavi Banerjee	Curry, L.A., Nembhard, I.M., & Bradley, E.H. (2009). Qualitative and Mixed Methods Provide Unique Contributions to Outcomes Research. Circulation, 119: 1442-1452. <u>http://bit.ly/2vXvqP4</u>
		Banerjee, P. (2018). Subversive Self-Employment: Intersectionality and Self-Employment among Dependent Visa Holders in the United States. <i>American Behavioral Scientist</i> , 63(2):186-207. https://journals-sagepub-
		com.ezproxy.lib.ucalgary.ca/doi/pdf/10.1177/0002764218793685
		Ryan, F., Coughlan, M., & P. Cronin (2007). Step-by-Step Guide to Critiquing Research. Part 2: Qualitative Research. <i>Journal of British</i> <i>Nursing</i> , 16(12): 738-744. https://bit.ly/38cNxSB
Week 3 Jan. 26	Quantitative Methods We will explore different quantitative approaches to survey research that	Burns, K.E.A. et al. (2008). A Guide for the Design and Conduct of Self- Administered Surveys of Clinicians. Canadian Medical Association Journal, 179(3): 245-252. http://bit.ly/2wPE53s
	rely on primary and secondary data sources.	Johnson, R.L., & Morgan, G.B. (2016). Survey Scales: A Guide to Development, Analysis and Reporting. Guilford Press: New York. pp. 1-
	Guest Speaker: Dr. Naomi Lightman	16; 18-32. http://ebookcentral.proquest.com.ezproxy.lib.ucalgary.ca/lib/ucalgary- ebooks/detail.action?docID=4584953
		Shultz, K.S., Hoffman, Calvin C., & Reiter-Palmon, R. (2005). Using Archival Data for I-O Research: Advantages, Pitfalls, Sources, and Examples, Psychology Faculty Publications, 5.
		https://digitalcommons.unomaha.edu/psychfacpub/5
		Coughlan, M., Cronin, P. & F. Ryan (2007). Step-by-Step Guide to Critiquing Research. Part 1: Quantitative Research. Journal of British Nursing, 16(11): 658-663. <u>https://bit.ly/3gXb79S</u>
Week 4	Positivist, Naturalistic	Morgan, D.L. (2014). "Research Design and Research Methods"
Feb. 2	and Pragmatist	(Chapter 3, pp. 45-62).
	Paradigms: Where is	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-
	Mixed Methods?	qualitative-and-quantitative-methods-a-pragmatic-approach
	Today's discussion focuses on the history of 'mixing' methods. A	Creswell, J.W., & Plano Clark, V.L. (2018). "The Foundations of Mixed Methods Research" (Chapter 2, pp. 21-50).
	major piece of this history involves a variety of paradigms, or	Recommended Readings:

	philosophical	Bryman, A. (2006). Paradigm Peace and the Implications for Quality.
	frameworks, for thinking	International Journal of Social Research Methodology, 9(2):111-126
	about research. We will	http://bit.ly/2hQInVw
	compare these paradigms	Johnson, R.B., & Onwuegbuzie, A.J. (2004). Mixed Methods Research: A
	and discuss the	Research Paradigm Whose Time Has Come. Educational Researcher,
	implications of adopting a	33(7):14-26 <u>http://bit.ly/2vuikqi</u>
	pragmatic approach to	DeCuir-Gunby, J.T., & Schutz, P.A. (2017). "The Role of Theory in Mixed
	mixed methods.	Methods Research" in Developing A Mixed Methods Proposal: A
		Practical Guide for Beginning Researchers. SAGE Publications, Inc,:
		Thousand Oaks, CA. (Chapter 2, pp. 17-32). <u>https://methods-sagepub-</u>
		com.ezproxy.lib.ucalgary.ca/book/developing-a-mixed-methods-
		proposal
Week 5	Identifying a problem	Creswell, J.W., & Plano Clark, V.L. (2018). "Introducing a Mixed
Feb. 9	and developing mixed	Methods Study" (Chapter 5, pp. 143-152).
	methods research	
	questions	DeCuir-Gunby, J.T., & Schutz, P.A. (2017). "Asking Appropriate
	Today we will discuss	Research Questions" in Developing A Mixed Methods Proposal: A
	research questions as we	Practical Guide for Beginning Researchers. SAGE Publications, Inc,:
	learned them in the	Thousand Oaks, CA. (Chapter 3, pp. 33-43). <u>https://methods-sagepub-</u>
	mono-method traditions.	<pre>com.ezproxy.lib.ucalgary.ca/book/developing-a-mixed-methods-</pre>
	We also examine how	proposal
	research questions may	
	be posed for different	Recommended Reading:
	types of mixed methods	Onwuegbuzie, A.J. & Leech, N.J. (2006). Linking Research Questions to
	depending on their data	Mixed Methods Data Analysis Procedures, The Qualitative Report,
	collection strategies.	11(3):474-498. https://nsuworks.nova.edu/tgr/vol11/iss3/3/
	BP (1) Developing	
	Research Questions due	
	Friday February 11	
Week 6	Understanding the	Morgan, D.L. (2014). "Motivations for Using Mixed Methods Research"
Feb. 16	Rationale for Mixing	(Chapter 4, pp. 63-84).
	Methods	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-
	There is little consensus	qualitative-and-quantitative-methods-a-pragmatic-approach
	about how to summarize	
	the different motivations	Plano Clark, V.L., & Ivankova, N.V. (2016) Why use Mixed Methods
	for using mixed methods,	Research? In Mixed Methods Research: A Guide to the Field, SAGE
	which may partly explain	Publications Inc.: Thousand Oaks, CA. pp. 79-104.
	why the rationale for	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/mixed-
	mixing methods is often	methods-research-a-guide-to-the-field
	absent in many research	
	articles. We will explore	Bryman, A. (2006). Integrating Quantitative and Qualitative Research:
	and classifying rationales	How is it Done? <i>Qualitative Research</i> , 6(1):97-113.
	for employing mixed	http://bit.ly/2vqG68a
	methods research and	
	whether they are useful in	Recommended Reading:
	helping researchers	DeCuir-Gunby, J.T., & Schutz, P.A. (2017). "The Mixed Methods
	articulate their reasons	Proposal Introduction" in Developing A Mixed Methods Proposal: A
	more explicitly.	Practical Guide for Beginning Researchers. SAGE Publications, Inc,:
		Thousand Oaks, CA. (Chapter 4, pp. 45-62). <u>https://methods-sagepub-</u>
		11003010 00K3, CA. (Chapter 4, pp. 45-02). <u>https://inclibus-sagepub-</u>

	BP (2) Developing a	com.ezproxy.lib.ucalgary.ca/book/developing-a-mixed-methods-
	Rationale for using MM	proposal
	due Friday February 18	
Feb. 23	Reading Week	Breathe.
Week 7	Overview and	Morgan, D.L. (2014). "The Sequential Priorities Model" (Chapter 5, pp.
Mar. 2	Introduction to Mixed	85-102).
	Methods Typologies	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-
	Today, we will discuss	qualitative-and-quantitative-methods-a-pragmatic-approach
	MM typologies and how	
	they are useful in	Creswell, J.W., & Plano Clark, V.L. (2018). "Core Mixed Methods
	designing, describing and	Designs" (Chapter 3, pp. 51 – 100).
	justifying a MM design.	
	We will also discuss which	Recommended Reading:
	designs might be useful	Bartholomew, T.T., & Lockard, A. (2018). Mixed Methods in
	for your research as you	Psychotherapy Research: A Review of Method(ology) Integration in
	start thinking about your	Psychotherapy Science. <i>Journal of Clinical Psychology</i> , 74(10):1687-
	purpose statement for	1709. Mixed methods in psychotherapy research: A review of
	your proposed project.	method(ology) integration in psychotherapy science - Bartholomew -
		2018 - Journal of Clinical Psychology - Wiley Online Library (ucalgary.ca)
		Creswell, J.W., & Plano Clark, V.L. (2018). "Complex Applications of
		Core Mixed Methods Designs" (Chapter 4, pp. 101 - 142).
Week 8	Operationalizing and	**Skim the readings and select one chapter to read in depth that best
Mar. 9	Extending the Mixed	fits with your MM proposal.**
	Methods Purpose	
	Statement	Morgan, D.L. (2014). Chapter 6 (pp. 105-122), <u>or</u> 7 (pp. 123-152), <u>or</u> 8
	In today's class, you will	(pp. 153-178) <u>or</u> 9 (pp. 179- 194).
	focus on drafting a	http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating-
	Purpose Statement for	qualitative-and-quantitative-methods-a-pragmatic-approach
	the specific Mixed	
	Methods design that best	And/or Creswell & Plano Clark (2018) Chapter 3 (pp. 51-100) from last
	fits your research	week <u>or</u> Chapter 4 (pp. 101-142)
	question.	
	BP (3) Purpose	**Please refer to Creswell & Plano Clark (2018) Chapter 3 (pp. 51-100)
	Statement due Friday	from last week or Chapter 4 (pp. 101-142) for a Purpose Statement,
	March 11	Flowchart and Design Diagram templates for your MM design.**
Week 9	Developing Your Mixed	Creswell, J.W., & Plano Clark, V.L. (2018). "Collecting Data in Mixed
Mar. 16	Methods Design Diagram	Methods Research" (Chapter 6, pp. 173-208).
	Today you will present	
	your designs to the class	From the Week 7 Handouts and Week 8 Readings, you will continue
	for feedback and	working on your Mixed Methods designs using your Purpose Statement,
	discussion.	Flowchart and Mixed Methods Design Diagrams.
	BP (4) Flowchart and	
	Design Diagram due	
	Friday March 18	
Week 10	Connecting, Merging and	Creswell, J.W., & Plano Clark, V.L. (2018). "Analyzing and Interpreting
Mar. 23	Integrating Qualitative	Data in Mixed Methods Research" (Chapter 7, pp. 209-258).
	and Quantitative Data	
	We will examine different	Guetterman, T.C., Fetters, M.D., Creswell, J.W. (2015) Integrating
	strategies that connect,	Quantitative and Qualitative Results in Health Science Mixed Methods

	merge and integrate different forms of data and how interpretations and inferences are drawn from them in answering the research questions posed. BP (5) Joint Display due Friday March 25	Research Through Joint Displays, Annals of Family Medicine, 13 (6):554- 561. http://www.annfammed.org/content/13/6/554 Recommended Readings(Overview): Bazeley, P. (2012). Integrative Analysis Strategies for Mixed Data Sources. American Behavioral Scientist, 56(6):814-828. https://journals-sagepub- com.ezproxy.lib.ucalgary.ca/doi/pdf/10.1177/0002764211426330 Curry, L., & M. Nunez-Smith (2017). "Data Analysis and Integration in Mixed Methods Studies" (pp. 229-258). In https://dx-doi- org.ezproxy.lib.ucalgary.ca/10.4135/9781483390659.n9
		Recommended Reading (An Example): Woolley, C. (2009) Meeting the Mixed Methods Challenge of Integration in a Sociological Study of Structure and Agency, <i>Journal of</i> <i>Mixed Methods Research</i> , 3(1): 7-25. http://bit.ly/2uxX4yB
Week 11 Mar. 30	Putting Mixed Methods into Practice I We will discuss some of the challenges of carrying out and integrating data in MM research.	Morgan , D.L. (2014). "Conclusions: Further Thoughts about Research Design" (Chapter 12, pp. 225-234). http://methods.sagepub.com.ezproxy.lib.ucalgary.ca/book/integrating- qualitative-and-quantitative-methods-a-pragmatic-approach Bryman, A. (2007). Barriers to Integrating Quantitative and Qualitative Research. Journal of Mixed Methods Research, 1(1):8-22. http://bit.ly/2vuw0S8
Week 12 Apr. 6	Putting Mixed Methods into Practice II We discuss some of the challenges of writing up and communicating MM results and proposals. Final Project Presentations	Creswell, J.W., & Plano Clark, V.L. (2018). "Analyzing and Interpreting Data in Mixed Methods Research" (Chapter 8 pp. 259-286). Leech, N.L., Onwuegbuzie, A.J., and J.P. Combs (2011). Writing Publishable Mixed Research Articles: Guidelines for Emerging Scholars in the Health Sciences and Beyond. <i>International Journal of Multiple</i> <i>Research Approaches</i> , 5: 7-24. <u>http://bit.ly/2vWCjB4</u> DeCuir-Gunby, J.T., & Schutz, P.A. (2017). "The Heart of the Mixed Methods Plan: Discussing your Methods Section" <i>in Developing A</i> <i>Mixed Methods Proposal: A Practical Guide for Beginning Researchers</i> . SAGE Publications, Inc,: Thousand Oaks, CA. (Chapter 7, pp. 107-128). <u>https://methods-sagepub- com.ezproxy.lib.ucalgary.ca/book/developing-a-mixed-methods- proposal</u>

Handing in Papers, Assignments

- 1. The main Sociology Department office does not deal with any course-related matters. Please speak directly to your instructor.
- 2. **Protection of Privacy:** The Freedom of Information and Protection of Privacy (FOIPP) legislation does not allow students to retrieve any course material from public places. Anything that requires handing back will be returned directly during class or office hours. If students are unable to pick up their assignments from the instructor, they can provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment. Private

information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary

3. Final grades are not posted by the Sociology Department. They are only available online.

Grading Scale

Letter grades will be assigned and submitted to the registrar based on the following scale:

Grade	Percent range	Grade Point Value	Description
A+	96 – 100%	4.0	Outstanding performance
Α	90 – 95.99%	4.0	Excellent - superior performance showing comprehensive understanding of the subject matter
A-	85 - 89.99%	3.7	Very good performance
B+	80 - 84.99%	3.3	Good performance
В	75 – 79.99%	3.0	Satisfactory performance
В-	70 – 74.99%	2.7	Minimum pass for students in the Faculty of Graduate Studies
C+	67 – 69.99%	2.3	All grades of "C+" or lower are indicative of failure at the graduate level and cannot be counted toward Faculty of Graduate Studies course requirements.

Grade Reappraisal

Within two weeks of the date the exam/assignment is returned, students seeking reappraisal of examinations or assignments must submit a written response to the instructor explaining the basis for reconsideration of one's mark. The instructor will reconsider the grade assigned and will then book a time with the student to discuss his or her work and rationale. It should be noted that a re- assessed grade may be raised, lowered, or remain the same.

Copyright Legislation

All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright <u>https://www.ucalgary.ca/legal-services/university-policies-</u> <u>procedures/acceptable-use-material-protected-copyright-policy</u> and requirements of the Copyright Act <u>https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html</u> to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Instructor Intellectual Property

Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is

prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

Academic Misconduct

Please refer to the website listed below for information on University of Calgary policies on Plagiarism/Cheating/Other Academic Misconduct: http://www.ucalgary.ca/pubs/calendar/current/k.html

Absences and Deferrals

Students who miss class assessments (tests, participation activities, or other assignments) should inform their instructor as soon as possible. If the reason provided for the absence is acceptable, the instructor may decide that any arrangements made can take forms other than make-up tests or assignments. For example, the weight of a missed grade may be added to another assignment or test.

Academic Accommodation

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at: https://www.ucalgary.ca/legal-services/university-policies-procedures/student-accommodation-policy Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the course instructor.

Libraries & Cultural Resources

To contact your librarian or find out about the resources and services available to sociology students go to the Sociology Library guide: <u>https://library.ucalgary.ca/guides/sociology</u> To access the main Library website, go to: <u>https://library.ucalgary.ca</u>

Wellness and Mental Health Resources

The University of Calgary recognizes the pivotal role that mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive support when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through Student Wellness Services (Room 370 MacEwan Student Centre, <u>https://www.ucalgary.ca/wellness-services/services/mental-health-services</u>) and the Campus Mental Health Strategy (<u>http://www.ucalgary.ca/mentalhealth/</u>).

Student Success Centre

The Student Success Centre provides services and programs to ensure students can make the most of their time at the University of Calgary. Our advisors, learning support staff, and writing support staff assist students in enhancing their skills and achieving their academic goals. They provide tailored learning support and advising programs, as well as one-on-one services, free of charge to all undergraduate and graduate students. For more information visit: <u>https://www.ucalgary.ca/student-services/student-success</u>

Student Ombuds Office

The Student Ombuds Office supports and provides a safe, neutral space for students. For more information, please visit <u>www.ucalgary.ca/ombuds/</u> or email <u>ombuds@ucalgary.ca</u>.

Student Representation

The Graduate Student Association VP Academic can be contacted at vpa.gsa@ucalgary.ca

For more information, and to contact other elected officials with the GSA, please visit this link: <u>https://www.ucalgary.ca/pubs/calendar/grad/current/graduate-students-association-gsa-grad.html</u>

Emergency Evacuation/Assembly Points

Assembly points for emergencies have been identified across campus. Assembly points are designed to establish a location for information updates from the emergency responders to the evacuees; from the evacuated population to the emergency responders. For more information, see the University of Calgary's Emergency Management website: <u>https://live-risk.ucalgary.ca/risk/emergency-management/evac-drills-assembly-points/assembly-points</u>

Safewalk

Campus security will escort individuals, day or night, anywhere on campus (including McMahon Stadium, Health Sciences Centre, Student Family Housing, the Alberta Children's Hospital and the University LRT station). Call 403-220-5333 or visit <u>http://www.ucalgary.ca/security/safewalk</u>. Use any campus phone, emergency phone or the yellow phone located at most parking lot pay booths. Please ensure your personal safety by taking advantage of this service.

Revised November 2021