SOC 3111 – Research Methods

**Course Syllabus**

<table>
<thead>
<tr>
<th>Instructor:</th>
<th>Tom Quinn</th>
<th>Pre-requisites:</th>
<th>None</th>
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<tbody>
<tr>
<td>Course Name:</td>
<td>Social Statistics</td>
<td>Credit Hours:</td>
<td>3.0</td>
</tr>
<tr>
<td>Department:</td>
<td>Sociology</td>
<td>Semester:</td>
<td>Fall 2021</td>
</tr>
<tr>
<td>Office:</td>
<td>BEHS 312</td>
<td>Hours:</td>
<td>N/A</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:tom.quinn@soc.utah.edu">tom.quinn@soc.utah.edu</a></td>
<td>Meeting Days:</td>
<td>N/A</td>
</tr>
<tr>
<td>Teaching Assistant:</td>
<td>TBA</td>
<td>Meeting Times:</td>
<td>N/A</td>
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**Course Description**

This course is designed to introduce you to the basic principles of scientific research, as well as different ways to conduct research in social sciences. You will familiarize yourself with the logic of research design, learn more about some common forms of data collection and develop basic research skills that you can use to conduct your own research and/or critically evaluate research presented by others.

This course encourages students to become critical consumers of research and media, a skill set that should come in handy the next time your kooky aunt tries to convince you that this whole global pandemic situation could be solved with a little lavender oil and frankincense (or maybe that’s just my kooky aunt). Furthermore, because research methodology can be applied to most any topic, students are encouraged to integrate their knowledge and learning from other courses to the development and critique of the research methods learned within this class.

**Course Objectives**

By the end of this course, you will be able to:

- Name the basic principles and describe the history of research ethics.
- Identify, summarize, and critically evaluate existing research.
- Define the key features and compare the advantages and disadvantages of common research designs and methodologies.
- Demonstrate communication skills for different audiences and purposes.

Furthermore, successful completion of SOC 3111 with grade of C- or better satisfies the Upper Division, Writing-Intensive general education requirement (CW) for a bachelor’s degree at the University of Utah. As an approved CW general education course at the University of Utah, SOC 3111 will provide instruction on how to write a research report/proposal, how to read and critique existing research, and how to present research
findings to different audiences. The specific learning outcomes associated with this general education requirement include:

- **Specific Learning Outcomes & Assessments for Intellectual and Practical Skills**
  - *Inquiry & Analysis* – Inherent in “research methods” is learning how to ask research questions (inquiry) and how to answer that question with data or evidence (analysis). The course schedule has dedicated learning units focused on both question formulation and data analysis. Assessment includes developing research topics/questions and data analysis (quantitative or qualitative).
  - *Information Literacy* – A major objective of the course is to teach students to become both a critical consumer and producer of research. To do so, students will learn how to ask questions about how the evidence was collected, whether it is representative of a larger phenomenon or population, how it was analyzed, and whether it is presented in an unbiased way. These are all examples of information literacy. To achieve this outcome, the course schedule includes dedicated learning units on how to evaluate the validity (i.e., accuracy and truthfulness) of material and information presented to us, as well as units on how to do both quantitative and qualitative analysis. Assessment includes a literature review assignment where students identify and evaluate others’ published research and assignments related to presenting/analyzing data.

- **Specific Learning Outcomes & Outcome Assessments for Personal & Social Responsibility**
  - *Foundations and Skills for Lifelong Learning* – A course in “research methods” emphasizes the need to match data/evidence with our theories/ideas. While this course provides a solid foundation for those who want to pursue a career in research, it also teaches students to be more critically aware of the sources and validity of information that we see every day (i.e., in the media) – an important skill for lifelong learning and success for everyone. The course’s focus on developing and refining one’s communication skills (orally and in writing) is another important outcome of this course. Assessment: quality of writing and discussion.
  - *Ethical Reasoning* – Researchers are obligated to conduct ethical research, especially when dealing with human subjects. This course has a dedicated learning module related to the basic principles and practice of ethical research. Assessment: Students will complete a standardized and rigorous training course related to research ethics, where they will receive a certificate allowing them to work on research projects at the University or other research entities (CITI training).

**Required Materials**

To succeed in this course, all students should have access to a computer and a reliable Internet connection. There is no required text for this course.

**A Note on the Course Schedule**

You may have noticed that this syllabus does not end with a calendar in which the due dates of all of your assignments and whatnot are listed in meticulous detail. This omission
is by design. I am a proponent of a pedagogical strategy known as adaptive teaching, which posits that students learn more effectively when teachers are willing and able to adapt their curriculum to the needs of the class. The upside to this approach is that I am committed to updating my course materials to reflect your interests, preferences, and/or level of understanding. The downside, however, is that I am unable to plan more than a week or two in advance. In other words, it’s impossible for me to plan for Week 9 without first seeing how the class handles Weeks 1 - 8. If the idea of adaptive teaching strikes you as absurd, or if you are the type of student who needs to know exactly what will be expected of you on, say, November 17, 2021, you should seriously consider enrolling a different section of the course.

Online Course Expectations

As is the case with in-person learning, a productive online class requires all parties involved to commit to a set of shared goals and to do their part in achieving such goals. My conception of our respective roles in this collaborative endeavor is as follows:

Instructor Expectations

Your instructor (i.e., me) is committed to the following:

- The instructor will design the course to include readings, example videos, and assignments that will A) challenge you and B) provide you with opportunities to learn and practice course content.
- The instructor will be open to the possibility of modifying course content in accordance with the needs and preferences of the class.
- The instructor will communicate regularly with the class via announcements, virtual office hours, email, and feedback on assignments.
- As necessary, the instructor will hold live review and/or Q & A sessions via Zoom to ensure the students understand key course concepts.
- The instructor will provide feedback on the assignments in a timely manner.

Student Expectations

The following is expected of all students in this class:

- Students will log into Canvas regularly in order to remain up-to-date on any changes to the course schedule, assignment due dates, etc.
- Students will be proactive in resolving technology-related issues before such issues begin to affect their performance in the class.
- Students will keep up and plan ahead—procrastination and statistics simply do not mix.
- Students will make any requests for additional help, clarification, or due date extensions at least 24 hours prior to any relevant due dates or deadlines.
Students are expected to follow the core rules of netiquette at all times while participating in the class, interacting with other students, and communicating with the course instructor and teaching assistants.

Students will adhere to the standards of academic conduct outlined in the University of Utah Student Code of Rights and Responsibilities. Failure to do so could result in your failing a specific assignment, failing the course entirely, and/or expulsion from the University.

Evaluation & Grading

*Participation*
Regular, active participation is expected of all students. Participation will be assessed via Canvas discussions and quizzes.

*Assignments*
There will be several assignments throughout the term. The assignments are intended to
A) provide an opportunity for students to “practice” a part of the research process and/or
B) to serve as a building block or initial draft of the final research project.

*Final Research Project/Proposal*
The final research project/proposal could take one of several possible forms. The class will choose which form via majority vote during the second week of the semester.

*Final Course Grades*
Course grades will be calculated as a weighted average of assignments (35%), final project (35%), and attendance/participation (30%). Final grades will be assigned according to the following scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage Range</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>100%-94%</td>
</tr>
<tr>
<td>A-</td>
<td>93.9%-90%</td>
</tr>
<tr>
<td>B+</td>
<td>89.9%-87%</td>
</tr>
<tr>
<td>B</td>
<td>86.9%-84%</td>
</tr>
<tr>
<td>B-</td>
<td>83.9%-80%</td>
</tr>
<tr>
<td>C+</td>
<td>79.9%-77%</td>
</tr>
<tr>
<td>C</td>
<td>76.9%-74%</td>
</tr>
<tr>
<td>C-</td>
<td>73.9%-70%</td>
</tr>
<tr>
<td>D+</td>
<td>69.9%-67%</td>
</tr>
<tr>
<td>D</td>
<td>66.9%-64%</td>
</tr>
<tr>
<td>D-</td>
<td>63.9%-60%</td>
</tr>
<tr>
<td>E</td>
<td>59.9%-0%</td>
</tr>
</tbody>
</table>
**Course Policies**

**What weird, idiosyncratic policies do you have as an instructor?**

I'm so glad you asked! Here's what you need to be aware of:

- **Generally Speaking...**
  - I am aware that my class is not the center of your personal universe, just as I am aware that your busy lives will occasionally restrict your ability to participate fully therein. It is your responsibility, however, to inform me of any challenges you are facing. In general, you are expected to speak with me ASAP if there is any issue or concern that may impede your ability to complete the requirements of the course. Furthermore, the question of whether a given issue is of sufficient gravity to warrant special consideration (i.e., an extension of due dates, etc.) is left entirely to my discretion. A death in the family almost certainly qualifies; a really bad hangnail does not.

- **Communication**
  - I do my absolute best to respond to emails within 24 hours, though additional time may be required if your query requires considerable thought and/or a lengthy explanation. Or if you email me on a Friday night.
  - With the previous point in mind, I do not respond to emails within 24 hours of exam or assignment due dates. Any questions or requests for clarification should be made well in advance. In other words, you can be the kind of student who requires a lot of help from the instructor (and that's totally fine), or you can be the kind of student who leaves everything until the last minute (and that's also fine), but you cannot be both simultaneously.
  - Also, lately, I’ve been making an effort to only respond to student emails when I’m in a good mood, which means that you might have to wait a little bit longer for a response than you might like (depending on how my week is going, naturally). The upside, however, is that I'll be much more likely to give you what you want.

- **Grading**
  - Given the number of multiple-choice questions you’ll be expected to answer this semester, it is inevitable that you will come across one or two that you consider unfair, unclear, or poorly worded. Be advised, however, that I will only award credit for such questions if my post-quiz statistical analyses (specifically, overall response patterns and the extent to which said patterns are predictive of overall quiz/assignment scores) offer statistical evidence of bias. Run-of-the-mill issues (i.e., forgetting to answer a question or
accidentally hitting the “Submit” button due to an inopportune sneeze) do not meet this standard.

- Also, if you’d like to contest a question, which is your right, please wait until AFTER the complete correct answers have been posted, as there just might be an accompanying explanation that resolves your issue.

- **Late Work**

  - I do not accept late work without prior approval, though I’m generally pretty generous in giving out prior approval.
  
  - Seriously, if there’s even the tiniest chance that travel, work, or a project for another class might cause you to miss a deadline, please let me know BEFORE the deadline has passed, and I will almost always give you an extra day or three. If you don’t contact me beforehand, you will be at the mercy of my ironclad "NO LATE WORK" policy.
  
  - In the event that a Canvas malfunction prevents you from submitting your assignment on time, you must document the malfunction by (1) taking a screenshot of whatever error message(s) you received, AND (2) CC-ing me on an email to Canvas support. The email must be sent prior to the due date. If you fail to do either, you will not have the opportunity to make up the assignment.
  
  - All assignment deadlines are posted in Mountain Time. If you happen to be one of the lucky students who is taking this course from outside this picturesque if sparsely populated part of the world, it is your responsibility to make whatever adjustments are necessary to ensure your assignments are submitted prior to 11:59 PM in Salt Lake City. "...But it was only 5:00 PM on the Johnston Atoll..." is not a valid excuse for failing to submit an assignment on time.

- **Incomplete Grades**

  - Incomplete ("I") grades will be given only in the most extraordinary of circumstances, and it is left entirely to my discretion to determine whether or not a given student’s situation meets that standard.
  
  - Upon receipt of an "I" grade, it is your responsibility to prepare a completion schedule outlining the date(s) by which you intend to complete your remaining assignment(s). Failure to adhere to these self-imposed deadlines may result in your failing the course.

- **Other Stuff**

  - All assignments and exams must be picked up within six weeks of the end of the semester. After six weeks, any student submissions that have not been claimed will be shredded and subsequently recycled.
  
  - I reserve the right to amend this document at any time and for any reason.
1. **The Americans with Disabilities Act.** The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability & Access, 162 Olpin Union Building, (801) 581-5020. CDA will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in an alternative format with prior notification to the Center for Disability & Access.
   a. *Accommodation Policy (see Section Q):* http://regulations.utah.edu/academics/6-100.php

2. **Addressing Sexual Misconduct.** Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran’s status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 328 SSB, 801-581-7779 or email at advocate@sa.utah.edu. To report to the police, contact the Department of Public Safety, 801-585-2677 (COPS).

3. **Drop/Withdrawal.** Students may drop a course within the first two weeks of a given semester without any penalties. Students may officially withdraw (W) from a class or all classes after the drop deadline through the midpoint of a course. A “W” grade is recorded on the transcript and appropriate tuition/fees are assessed. The grade “W” is not used in calculating the student’s GPA. See the Academic Calendar for the last day to withdraw from term, first and second session classes.
   a. *Deadlines for courses with irregular start and end dates policy.* https://registrar.utah.edu/handbook/miscellaneous.php

4. **Plagiarism/Cheating.** It is assumed that all work submitted to your instructor is your own work. When you have used ideas of others, you must properly indicate that you have done so. Plagiarism and cheating are serious offenses and may be punished by failure on an individual assignment, and/or failure in the course. Academic misconduct, according to the University of Utah Student Code, “includes, but is not limited to, cheating, misrepresenting one’s work, inappropriately collaborating, plagiarism, and fabrication or falsification of information...It also includes facilitating academic misconduct by intentionally helping or attempting to help another to commit an act of academic misconduct.” For detailed definitions and possible sanctions please see the Student Code below.
5. **Wellness Statement.** Your personal health and wellness are essential to your success as a student. Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student’s ability to succeed and thrive in this course and at the University of Utah. Please speak with the instructor or TA before issues become problems. And, for helpful resources, contact the Center for Student Wellness at [www.wellness.utah.edu](http://www.wellness.utah.edu) or 801-581-7776.

6. **Veterans Support Center.** The Veterans Support Center is a “one stop shop” for student veterans to find services, support, advocacy, and camaraderie. They are located in the Park Building Room 201. You can visit their website for more information about their services and support at [http://veteranscenter.utah.edu](http://veteranscenter.utah.edu).

7. **LGBT Resource Center.** The University of Utah has an LGBT Resource Center on campus. They are located in Room 409 of the Olpin Union Building. Hours: M-F 8-5pm. You can visit their website to find more information about the support they can offer, a list of events through the center and links to additional resources: [http://lgbt.utah.edu](http://lgbt.utah.edu).

8. **Learners of English as an Additional/Second Language.** If you are an English language learner, please be aware of several resources on campus that will support you with your language and writing development. These resources include: the Writing Center ([http://writingcenter.utah.edu](http://writingcenter.utah.edu)); the Writing Program ([http://writing-program.utah.edu](http://writing-program.utah.edu)); the English Language Institute ([http://continue.utah.edu/eli](http://continue.utah.edu/eli)).

9. Please let us know if there is any additional support you would like to discuss for this class.

As the only institution in the state classified in the highest research category (R1), at the University of Utah you will have access to state-of-the-art research facilities and be able to be part of the knowledge creation process. You will have the opportunity to do research of your own with faculty who are leading experts in their field, engaging in programs that match your research interests. Further, you will interact with and often take classes with graduate students that provide an advanced understanding of the knowledge in your field.
EAP (Emergency Assembly Point) – When you receive a notification to evacuate the building either by campus text alert system or by building fire alarm, please follow your instructor in an orderly fashion to the EAP marked on the map below. Once everyone is at the EAP, you will receive further instructions from Emergency Management personnel. You can also look up the EAP for any building you may be in on campus at http://emergencymanagement.utah.edu/eap

U Heads Up App: There’s an app for that. Download the app on your smartphone at http://alert.utah.edu/headsup to access the following resources:

- **Emergency Response Guide:** Provides instructions on how to handle any type of emergency, such as earthquake, utility failure, fire, active shooter, etc. Flip charts with this information are also available around campus.
- **See Something, Say Something:** Report unsafe or hazardous conditions on campus if you see a life threatening or emergency situation, please call 911!
- **Safety Escorts:** For students who are on campus at night or passed business hours and would like an escort to your care, please call 801-585-2677. You can a call 24/7 and a security officer will be sent to walk with you or give you a ride to your desired on-campus location.