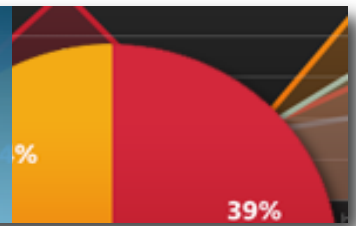


# Fall 2012 SOC S110 Charts, Graphs, and Tables

Section: 27292

Class Time: Tuesday and Thursday 2:30-3:45PM

Class Location: Swain Hall East 105



Instructor: Long Doan  
Email: longdoan@indiana.edu (best way to contact me)  
*Please include "S110" in the subject line*  
Mailbox: Ballantine Hall 744 under "Doan"  
*The sociology office is open Monday–Friday 8AM–4PM*  
Office: Weatherly Hall 003  
Office Hours: Tuesday and Wednesday 9–10AM, or by appointment  
*I will hold office hours in the large seating area of the IMU Starbucks.  
Because this is a public area, if you need to meet about sensitive issues  
such as grades please make an appointment.*

## (( COURSE DESCRIPTION ))

The goal of this course is to teach you to become critical consumers of social statistics and their presentation in our daily lives. You will become familiar with the central concepts and techniques that sociologists use to understand the social world, as well as the fundamental concepts of sociology. Examples from various subfields within sociology are used to illustrate each concept. Additionally, we will use Powell and colleague's recent book as an overarching exemplar.

## (( COURSE OBJECTIVES ))

When you successfully complete this course, you will have:

- The ability to read and understand social statistics
- The ability to produce and present data in meaningful ways
- The ability to apply the sociological perspective to social problems

## (( COURSE REQUIREMENTS ))

### Required Readings:

- Huff, Darrell. 1954 (or any reprint). *How to Lie with Statistics*. (Referred to as "Huff" in schedule)
- Powell, Brian, Catherine Bolzendahl, Claudia Geist, and Lala Carr Steelman. 2012 (or 2010; either version). *Counted Out: Same-Sex Relations and Americans' Definitions of Family*. (Referred to as "Powell" in schedule)
- Additional readings posted to OnCourse. (Referred to as "OC" in schedule)

Readings are to be completed *before* the lecture under which they are listed.

**Calculator:** A scientific calculator is required for the course. Laptops, cellphones, tablets, and other electronic devices are not suitable substitutes and will not be allowed during exams. Please bring your calculator to class each day because it may be necessary to complete in-class exercises.

(( **GRADING** ))

**Homework** 18%

There are 4 homework assignments due throughout the semester, each worth 5% of your final grade except for the first homework, worth 3%. Homework assignments are to be turned in to OnCourse by noon (12PM) on the due date. I suggest turning in assignments early in case of any technical difficulties. No late assignments will be accepted. More details about each assignment will be provided closer to the due date.

HW #1 Due Monday 8/27

HW #2 Due Tuesday 9/18

HW #3 Due Thursday 10/11

HW #4 Due Tuesday 11/27

**Exam #1 Thursday, 9/20** 15%

Exam #1 will include information from lectures, readings, and class discussions up to Tuesday, 9/18.

**Exam #2 Tuesday, 10/16** 15%

Exam #2 will include information from lectures, readings, and class discussions up to Thursday, 10/11, with a heavy emphasis on materials not already covered on Exam #1.

**Final Exam Thursday, 12/13 5-7PM** 30%

The final exam will be cumulative. It will be in our normal classroom. Please note that the final exam is at a different time than our normal class time. You are *required* to take it at this time so please plan your winter vacations accordingly. Please familiarize yourself with the University's final exam policies (<http://enrollmentbulletin.indiana.edu/pages/finexpol.php?Term=1>).

**Group Project** 22%

The group project is a way for you to apply the knowledge you acquire in the course to a social issue. You will collect your own data and apply the concepts we discuss in class for the project. Your grade consists of an 8-minute group presentation and a 5-8 page written report. The presentations are during the last 3 class periods and the report is due on Thursday, 11/15 by noon (12PM) to OnCourse. More details are forthcoming.

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**Total** 100%

(( GRADING SCALE ))

A+	98	100%	B+	87	89.9...%	C+	77	79.9...%	D+	67	69.9...%
A	93	97.9...%	B	83	86.9...%	C	73	76.9...%	D	63	66.9...%
A	90	92.9...%	B	80	82.9...%	C	70	72.9...%	D	60	62.9...%
									F	0	59.9...%

(( COURSE POLICIES ))

**Attendance Policy:** Your success in this course depends on attending class. I expect all students to be on time and stay for the entire class. If you arrive late or leave early, you are counted absent for the day.

Although attendance is required, I understand that there are legitimate reasons for absences over the course of the semester (such as illness or emergency). Therefore, *you may miss up to four (4) classes without penalty* (you do not need to provide me with reasons for your absences). After that, I will deduct 3% from your final grade for *each additional absence* even if you have a note from the doctor, a family emergency, or any other legitimate reason. In other words, you should save your four “free” absences for days when you are actually sick or have unplanned emergencies. Exceptions apply only to university-sanctioned events such as religious holidays. If you intend to miss class for a university-sanctioned event you are *required* to notify me within the *first week* of the semester and provide the appropriate documentation.

Regardless of the reason for your absence, you are responsible for all materials and announcement made in your absence. I suggest you find a “course buddy” who you can contact to obtain notes if you do miss class. I will *not* provide notes or lecture materials that you missed.

**Participation Policy:** Meaningful and constructive discussions are required in this class. To have such discussions, however, we all need to show mutual respect, a willingness to listen, and tolerance of opposing points of view. Disruptive, disrespectful, or otherwise uncivil comments will not be tolerated.

**Sustainability:** According to the IU Office of Sustainability, nearly 15% of the paper used in STC labs is left behind as unwanted pages each year. Please do not print course materials unless necessary. When printing, try to print only the pages that you need, and make sure to enable duplexing (double-sided printing). Visit the STC sustainability website for more tips on printing responsibly (<https://stcweb.stc.indiana.edu/public/GoGreen/STCPrintLess.cfm>).

For our part, all assignments (except for exams) are to be submitted online to OnCourse. I will grade and provide feedback electronically via OnCourse. Assignments must be submitted as a pdf file. This ensures formatting and display consistency across platforms. IU provides students with the Adobe suite for free, which will enable Windows users to save documents as a pdf (Macs have this option built in to the operating system). Additionally, all STC computers will allow you to print to a pdf file. I will provide more detailed instructions and formatting guidelines for each assignment.

**Electronic Devices:** You may use electronic devices for class-related tasks. The use of electronic devices for non class-related activities, especially cell phones, is prohibited during class. Please turn off non-essential (for class-related activities) electronic devices prior to coming to class. Putting your phone on vibrate is still extremely distracting if it goes off during class, as is constantly checking your phone during class even if it is silenced. If you are caught using your cell phone or other distracting electronic devices for non class-related activities, you will be marked absent for the day. This policy is enforced out of respect for your fellow classmates. Additionally, no electronic devices are permitted on exam days (except for scientific calculators).

**Incompletes:** In accordance with University policies, I will not grant an incomplete except in unusual circumstances beyond your control. If such circumstances should arise, you should contact me as soon as the problem arises and provide me with the appropriate documentation.

**Make-Up Exams:** Make-up exams typically will not be given. The only exceptions are extreme and unusual circumstances beyond your control and university-sanctioned events such as religious observances, which require notification within the *first* week of the semester. Make-up exams, if given, will be different from exams given in class.

**Honor Code:** Academic dishonesty of any form will not be tolerated. Any student who presents the work of another (student or otherwise) as his or her own will receive a grade of an F in the course. Likewise, any student who allows another to plagiarize from him or her will receive a grade of an F in the course. *No exceptions* will be made. Please see the Code of Student Rights, Responsibilities, and Conduct for university policies on academic misconduct and academic dishonesty (<http://www.iu.edu/~code/>).

**Special Needs:** The staff of Disability Services for Students (812.855.3508; <http://www2.dsa.indiana.edu/dss/>) coordinates accommodations and services for IU courses. If you have a disability for which you may request accommodation and have not already contacted them, please do so as soon as possible. Please also see me privately in regard to this course as soon as possible.

**Campus Resources:** IU provides several resources to help students succeed academically. I encourage you to make use of these resources if you need them.

IU Writing Tutorial Services: <http://www.indiana.edu/~wts/>

IU Student Academic Center: <http://sac.indiana.edu/>

IU Academic Support Center: <http://www.indiana.edu/~acadsupp/ASChome.shtml>

**Contacting Me:** If you need to contact me for any reason, the best way to do so is through email ([longdoan@indiana.edu](mailto:longdoan@indiana.edu)) or during my office hours (Tuesday and Wednesday 9-10AM in the IMU Starbucks). When sending me an email, please be sure to include "S110" in the subject line. I filter my emails based on subject lines and if you do not put S110 in the subject line, I will probably not receive it. I realize that my open office hour times may not work for everyone. If you are unable to come to my scheduled office hours, I am happy to meet with you at another time. Please email me to set up an appointment and include several times that are good for you to avoid numerous email exchanges nailing down a time. Similarly, if you wish to discuss sensitive issues such as your grade, please set up an appointment with me.

**Disclaimer:** I reserve the right to make changes to any part of the course during the semester as necessary. I will announce any such changes in class. You are responsible for noting the changes and preparing for class accordingly.

(( COURSE SCHEDULE ))

**Note:** Readings are to be completed *before* the lecture under which they are assigned. OC = OnCourse ([oncourse.iu.edu/portal/site/s110](http://oncourse.iu.edu/portal/site/s110)), Huff = *How to Lie with Statistics*, Powell = *Counted Out: Same-Sex Relations and Americans' Definitions of Family*.

T 8/21	Introduction, syllabus review, Q&A HW #1 assigned
Th 8/23	Introduction to sociology HW #1 due Monday, 8/27 by noon (12PM) to OnCourse <b>Reading:</b> OC Carter; OC Berger
T 8/28	Introduction to sociology (continued) <b>Reading:</b> OC Mills; OC Durkheim
Th 8/30	Introduction to sociology (continued) <b>Reading:</b> Huff Introduction; Powell Ch. 1
T 9/4	Applying the sociological imagination
Th 9/6	Applying the sociological imagination (continued) <b>Reading:</b> OC Keller; OC Jezebel

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<b>T 9/11</b>	<p>Research methods            HW #2 assigned  <b>Reading:</b> OC Lovaglia; OC Schuman; Powell Ch. 2</p>
<b>Th 9/13</b>	<p>Research methods (continued)  <b>Reading:</b> OC Adler; OC Weiss; Powell Ch. 3</p>
<b>T 9/18</b>	<p>TBA            Project discussion            HW #2 due by noon (12PM) to OnCourse  <b>Reading:</b> Powell Appendix 1B</p>
<b>Th 9/20</b>	<b>Exam #1</b>
<b>T 9/25</b>	<p>Data and variables            Final project proposal due by noon (12PM) to OnCourse  <i>Early evaluation grades available</i>  <b>Reading:</b> OC Best; OC Fife-Schaw</p>
<b>Th 9/27</b>	<p>Measures of centrality  <b>Reading:</b> Huff Ch. 2</p>
<b>T 10/2</b>	<p>Measures of centrality (continued)  <b>Reading:</b> Powell Ch. 4</p>
<b>Th 10/4</b>	<p>Measures of spread            HW #3 assigned  <b>Reading:</b> OC SCU</p>
<b>T 10/9</b>	<p>Association  <b>Reading:</b> Huff Ch. 8</p>
<b>Th 10/11</b>	<p>Excel Workshop            Project discussion            HW #3 due by noon (12PM) to OnCourse</p>
<b>T 10/16</b>	<p><b>Exam #2</b>  <i>Last day to drop with automatic W, Wednesday 10/17</i></p>
<b>Th 10/18</b>	<p>Association (continued)  <b>Reading:</b> Powell Ch. 5 &amp; 6</p>
<b>T 10/23</b>	<p>Samples, populations, and sampling            Final project data due by noon (12PM) to OnCourse  <b>Reading:</b> Huff Ch. 1; Powell Appendix 1A</p>
<b>Th 10/25</b>	<p>Sampling techniques  <b>Reading:</b> OC NAO</p>
<b>T 10/30</b>	<p>Central limit theorem, asymptotics  <b>Reading:</b> Huff Ch. 3; OC Minitab</p>
<b>Th 11/1</b>	<p>Hypotheses and hypothesis testing  <b>Reading:</b> Huff Ch. 4; Powell Ch. 7</p>

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T 11/6	Describing data <b>Reading:</b> OC Nardi Ch. 1
Th 11/8	Tabular methods for presenting data <b>Reading:</b> OC Nardi Ch. 2
T 11/13	Graphical methods for presenting data HW #4 assigned <b>Reading:</b> Huff Ch. 5, 6, & 7
Th 11/15	Choosing among tools Group project due by noon (12PM) to OnCourse <b>Reading:</b> Huff Ch. 9
T 11/20	Thanksgiving break no class
Th 11/22	Thanksgiving break no class
T 11/27	Group presentations HW #4 due by noon (12PM) to OnCourse
Th 12/4	Group presentations
T 12/6	Group presentations Wrapping up, where to from here <b>Reading:</b> Huff Ch. 10; Powell Ch. 8
Th 12/13	<b>Final Exam 5:00-7:00PM, Swain Hall East 105</b> <i>You are required to take the final exam at the scheduled time</i> <i>Final grades available by Wednesday, 12/19</i>