

# Odum Institute for Research in Social Science



**The Social, Behavioral, and Economic Sciences Statistical Institute**  
**Introduction to Data Analysis for the Social Sciences**  
**University of North Carolina at Chapel Hill**  
**July 25-31, 2010**

**COURSE DESCRIPTION:** The institute is designed to provide graduate students with basic concepts to facilitate the transition into their respective social science disciplines. Statistical techniques, software and data manipulation will be presented. Additionally, there will be a variety of academic and social activities designed to promote inter-institutional student networking for future collaborations.

Time	SUNDAY July 25	MONDAY July 26	TUESDAY July 27	WEDNESDAY July 28	THURSDAY July 29	FRIDAY July 30	SATURDAY July 31
9:00am-10:20am	Check in Holiday Inn Express	<b>Univariate Descriptive Statistics</b>	<b>Bivariate Descriptive Statistics</b>	<b>Multivariate Descriptive Statistics</b>	<b>Sampling, Probability Distributions, Sampling Distributions</b>	<b>SAS</b>	Check out Holiday Inn Express
10:20am-10:40am	Check in	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	Check out
10:40am-12:00pm	Check in	<b>Data Coding and Cleaning</b>	<b>Bivariate Descriptive Statistics</b>	<b>Multivariate Descriptive Statistics</b>	<b>Introduction to Hypothesis Testing</b>	<b>SAS</b>	Check out
12:00pm-2:00pm	Check in	<i>LUNCH</i>	<i>LUNCH</i>	<i>LUNCH</i>	<i>LUNCH</i>	<i>LUNCH</i>	Check out
2:00pm-3:20pm	Check in	<b>SPSS</b>	<b>SPSS</b>	<b>STATA</b>	<b>STATA</b>	<b>SAS</b>	Check out
3:20pm-3:40pm	Check in	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	<i>BREAK</i>	Check out
3:40pm-5:00pm	Check in	<b>SPSS</b>	<b>SPSS</b>	<b>STATA</b>	<b>STATA</b>	<b>SAS</b>	Check out
5:00 pm	<b>Orientation</b>						Check out
5:30pm- until						<b>Group Dinner</b>	

**NOTE:** Morning sessions will be held in Room 14 and afternoon sessions will be held in Room 001 in Manning Hall.