Since 1963, the ICPSR Summer Program has offered a comprehensive curriculum in the field of social science methodology. Courses range from beginning to advanced levels in statistics, data analysis, methodology, and research design.

Classroom instruction is reinforced by hands-on analysis of actual datasets using high-end, networked computing technology.

We offer courses from three days to eight weeks in length. All courses are offered on a noncredit basis. However, upon request, the Program will provide official documentation of classroom performance to assist participants in receiving course credit at their home institutions.

Along with workshops and lectures, many social functions provide opportunities for professional and social networking. Summer Program participants not only work hard and learn a great deal – they also have a lot of fun!

The ICPSR Summer Program is reasonably priced, and fees are even lower if you are affiliated with an ICPSR member institution. To determine whether your organization is a member, please consult the ICPSR Web site: www.icpsr.umich.edu/ICPSR/membership/ors.html.

View the course descriptions, schedules, application materials, and fee structure on our Web site: www.icpsr.umich.edu/sumprog.

Questions? Contact the ICPSR Summer Program staff at (734) 763-7400 or sumprog@icpsr.umich.edu.
To apply, visit our Web site: www.icpsr.umich.edu/sumprog

*Unless otherwise indicated, workshops are held in Ann Arbor Michigan, on the University of Michigan campus.

NOTE: this is a preliminary list of courses. Please check our Web site for more information and additional courses:

**Four-Week Sessions**

**Session I: June 22–July 17**
- Blalock Lectures: Advanced Topics in Social Research
- Introduction to Computing (June 23–July 10)
- Introduction to the R Statistical Computing Environment (June 23–June 30)
- Mathematics for Social Scientists I & II
- Game Theory (June 23–July 3)
- Game Theory: Advanced Topics (July 6–July 17)
- Introduction to Applied Bayesian Modeling for the Social Sciences
- Introduction to Statistics and Data Analysis I
- Maximum Likelihood Estimation for Generalized Linear Models
- Methodological Issues in Quantitative Research on Race and Ethnicity
- Quantitative Historical Analysis
- Quantitative Analysis of Crime and Criminal Justice
- Rational Choice Theories of Politics and Society
- Introduction to Programming in R (June 23–July 3)
- Scaling and Dimensional Analysis

**Session II: July 20–August 14**
- Blalock Lectures: Advanced Topics in Social Research
- Complex Systems Models in the Social Sciences
- Introduction to Computing (July 20–July 31)
- Review/Introductory Lectures on Matrix Algebra (July 20–August 7)
- Advanced Bayesian Models for the Social Sciences
- Advanced Multivariate Statistical Methods
- Advanced Topics in Maximum Likelihood Estimation
- Categorical Analysis (July 20–July 31)
- Introduction to Statistics and Data Analysis II
- Longitudinal Analysis
- Longitudinal Analysis of Historical Demographic Data
- Causal Inference for the Social Sciences (August 3–August 15)
- Regression Analysis II: Linear Models
- Simultaneous Equation Models
- Structural Equation Models With Latent Variables
- Time Series Analysis

**Three- to Five-Day Substantive Workshops**

**Three- to Five-Day Statistical Workshops**

| April 17–19     | Network Analysis: An Accelerated Introduction |
| May 10–13      | Network Analysis: A Second Course |
| May 18–22      | Empirical Models for Time-Series, Cross-Section Data |
| June 1–5       | Hierarchical Linear Models I: Introduction (Amherst, MA) |
| June 1–5       | Introduction to Spatial Regression Analysis |
| June 8–12      | Introduction to Applied Bayesian Statistics for Social Scientists (Chapel Hill, NC) |
| June 15–18     | Analyzing Developmental Trajectories (Amherst, MA) |
| June 15–19     | Categorical Data Analysis |
| June 22–26     | Multilevel Models for Longitudinal Data Using SAS (Chapel Hill, NC) |
| Jun 29–Jul 3   | Panel Data Analysis Using Stata |
| July 6–9       | Hierarchical Linear Models II: Special Topics |
| July 6–10      | Network Analysis Theory and Methods (Bloomington, IN) |
| July 6–10      | Latent Trajectory/Growth Curve Analysis: A Structural Equation Modeling Approach (Chapel Hill, NC) |
| July 13–15     | Introduction to Social Network Analysis (Amherst, MA) |
| July 20–24     | Structural Equation Models and Latent Variables: Introduction |
| July 29–31     | Designing, Conducting, and Analyzing Field Experiments (New Haven, CT) |
| August 3–7     | Social Network Analysis: An Introduction (Chapel Hill, NC) |
| August 10–14   | Hierarchical Linear Models I: Introduction (Bloomington, IN) |
| August 17–21   | Analyzing Multilevel and Mixed Models Using Stata |

**Three- to Five-Day Substantive Workshops**

- June 15–17: Dyadic Data Analysis: Models and Methods for Study of Couples
- June 15–19: American Community Survey
- June 18–19: Using Secondary Data for the Analysis of Marriage and Family
- June 22–25: Collaborative Psychiatric Epidemiology Surveys (CPES)
- July 8–10: NICHD Study of Early Childhood and Youth Development
- July 13–16: Examining Quality in Publicly Supported Early Childhood Programs
- July 13–16: Documenting Data Using DDI 3.0 (Ithaca, NY)
- July 20–23: Sentencing and Other Federal Case Data Analysis

**To apply, visit our Web site:**
www.icpsr.umich.edu/sumprog