



**INSTITUT TEKNOLOGI SEPULUH NOPEMBER
FACULTY OF SCIENCE AND DATA ANALYTICS
DEPARTMENT OF STATISTICS
STATISTICS UNDERGRADUATE PROGRAM**

Course	Course Name	:	Social Research Methods
	Course Code	:	SS234637
	Credit	:	3 SKS
	Semester	:	VI

COURSE DESCRIPTION

The Social Research Method is a statistics course applied to the social government sector. The purpose of studying this course is to give students the ability to be able to do research or social research. This course will study how the stages that must be carried out in social research with completion using statistical methods. Starting from determining concepts, constructs, propositions, composing questionnaires, validation and reliability techniques, several statistical methods to making social research reports and presenting the results of social research conducted. The learning strategies used to achieve the objectives in this course are discussions, exercises and a final project in the form of exercises to conduct social research.

PROGRAM LEARNING OUTCOME

- PLO-2 Able to study and utilize science and technology in order to apply it to certain areas of expertise, and be able to make appropriate decisions from the results of their own work or group work in the form of final project reports or other forms of learning activities whose output is equivalent to the Final Project through logical, critical thinking, systematic and innovative
- PLO-3 Able to manage one's own learning, and develop oneself as a lifelong learner to compete at national and international levels, in order to make a real contribution to solving problems by implementing information and communication technology and paying attention to the principles of sustainability and understanding technology-based entrepreneurship
- PLO-6 Able to design, collect, and perform data management with the right methodology
- PLO-7 Able to use modern computing devices to solve statistical problems
- PLO-9 Able to apply statistical methods to analyze theoretical and real problems.
- PLO-10 Able to apply business, industrial, economic, social, environmental or health statistical methods to real problems.

COURSE LEARNING OUTCOME

- CLO.1 Students are able to understand the basis, scope, paradigm, and ethics of social research
- CLO.2 Students know the basic concepts of conducting social research
- CLO.3 Students are able to design research methods for a particular social research topic
- CLO.4 Students are able to analyze data from real problems in social research designs using simple statistical methods
- CLO.5 Students are able to analyze social research data and are able to make written and

CLO.6	oral reports on social research results and communicate the results well
CLO.7	Have knowledge of current and upcoming issues related to the field of social research
CLO.8	Able to communicate effectively and work together in interdisciplinary and multidisciplinary teams
CLO.9	Have professional responsibilities and ethics
	Able to motivate yourself to think creatively and learn throughout life
MAIN SUBJECT	
<ol style="list-style-type: none"> 1. Definition of interest rates, interest rates 2. Type of interest rate, cash value, acceleration of interest, discount and inactive interest rate 3. Equality of values, unknown time period and interest rate, the interest rate time period 4. Beginning and ending annuities, annuities at any time, account the series of perpetual payments, unknown time, unknown and variable interest rate 5. Definition of a general annuity, account the same and unequal payment periods 6. Be able to take into account continuous, fluctuating and general annuity problems 7. Amortization problems, reserve method of debt settlement 8. The various prices and interest rates on bonds, date and month bond prices 9. Discounted cash, TB reinvestment, the interest rate for investment and capital budgeting 	
PREREQUISITE	
Regression Analysis	
REFERENCES	
<ol style="list-style-type: none"> 1. Masri Singarimbun, Metode Penelitian dan Survai, LP3ES, Jakarta,1990 2. Dwi Endah.K dan A.Tuti.R. Metode Riset Sosial, Jurusan Statistika FMIPA-ITS, Surabaya, 2006. 3. DR. Irawan Suhartono, Metode Penelitian Sosial, PT.Remaja Rosdakarya, Bandung, 2000. 	