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

Course	Course Name	:	**Official Statistics**
	Course Code	:	SS234309
	Credit	:	3 SKS
	Semester	:	III

COURSE DESCRIPTION

Official statistics is a statistics course applied to the social government sector. The purpose of studying this course is to provide students with the ability to use and analyze secondary data which is published data from the results of government surveys (BPS, the health office, the manpower office, the education office and others). This course is expected that students will be able to analyze official data that discusses population, Cost of Living Survey (SBH), Consumer Price Index (CPI), inflation, GRDP, Human Development Index (IPM), employment and poverty. The learning strategies used to achieve competence in this subject are lectures, discussions, exercises, and assignments.

PROGRAM LEARNING OUTCOME

PLO-2   Able to study and utilize science and technology in order to apply it to the field of Statistics, 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-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

COURSE LEARNING OUTCOME

CLO.1   Have an understanding of the basic concepts of collecting and calculating official statistical data.

CLO.2   Have knowledge of current and upcoming issues related to official statistical data

CLO.3   Identify and formulate problems and analyze based on official statistical data.

CLO.4   Communicating the results of official statistical data analysis in writing and orally within the team.

MAIN SUBJECT

1. Definition of official statistics, concepts, scope, main principles, various official data sources
2. Knowing regional and national data sources (provinces, districts/cities, districts, villages)
3. Demographic Size
4. Demographic and population presentation of 11 provinces
5. Employment : Labor Statistics (employment concept, types of unemployment, formal/informal employment, labor force, labor force participation rate/TPAK, minimum

wage)

6. Describing provinces (districts/cities): tables, graphs, maps, and interpretation according to labor indicators, labor by sector, and labor issues
7. Reference books or research that discusses the components/ dimensions that make up the measure of poverty, the Poverty Line; Poverty rate
8. HDI, IPG, IDG and SDGs
9. CPI and Inflation
10. Gross Regional Domestic Product (GRDP) and GDP (Gross Domestic Product)
11. Relationship of HDI, IPG, IDG with CPI indicators and inflation and GRDP
12. SDGs goals 1-9
13. SDGs goals 10-17

PREREQUISITE
Introduction to Statistical Method

REFERENCES
1. Berita Resmi Statistik (BRS) 2. Daerah Dalam Angka 3. Data Kemiskinan Versi BPS, Data Kemiskinan Versi BKKBN, Laporan Hasil Survei SBH 4. Hand Out/ Modul Kuliah, Buku Potensi Desa, Monografi Desa dan Kecamatan 5. Laporan Sensus, SUPAS, (BPS), Laporan Susenas, 6. Laporan Hasil Perhitungan IHK Dan Inflasi (BPS), dan Laporan Inflasi (BI) 7. Laporan Data IPM Indonesia Dan Jawa Timur (BPS), 8. Laporan Sakernas (ketenagakerjaan) 9. Laporan hasil SDKI (Survey Demografi dan Kesehatan Indonesia) 10. Mantra, Ida Bagus. 1986. Pengantar Studi Demografi. Nur Cahaya 11. Publikasi Hasil Perhitungan PDRB Dan Pertumbuhan Ekonomi. 12. UI. 2001. Lembaga Demografi. Journal Official Statistics dan Indonesian Journal of Demography. University Press.