

**Form (H)**  
**Short course description**

Course title: Statistical Survey methods	Course number and code: Stat 429
Previous course requirement: Stat 331	Language of the course: English
Course level: 7	Effective hours: 3(3+0+0)

Course description

Research Methodology, Ethical issues, Survey Methodology, Research problem- Sampling Design, Data collection, Data management and data analysis using the statistical packages.

Course objectives

Definitions of curriculum research.

The nature of statistical research survey.

The terms of the sample and the community in addition to their use in research.

Understanding the problem and the objectives and research questions and hypotheses of the survey research

Learning outcomes (understanding, knowledge, and intellectual and scientific skills)  
After studying this course, the student is expected to be able to:

Basic rules for the work of statistical research.

The development of knowledge using computers in statistical applications.

Data management.

Knowledge of principles of doing and assessing a survey research

Work independently and as part of team during the class and discussion outside the class

Textbook adopted and supporting references

Title of the book	Author's name	Publisher's name	Date of publication
Survey Research Methods (Applied Social Research Methods), 7 <sup>th</sup> edition.	Fowler, Floyd J.	SAGE Publications	(2013)
Elementary survey sampling (7th ed.).	Scheaffer, R. L., Mendenhall III, W., Ott, R. L., & Gerow, K. G	Belmont, CA: Thompson	(2012)
(2009). Internet, mail, and mixed-mode surveys: The tailored design method (3rd ed.)	Dillman, D. A., Smyth, J. D., & Christian, L. M.	Hoboken, NJ: Wiley	(2009)