

AGG 3842

Introductory Statistics for Agriculture

July 27 – November 6, 2020

Course Objectives:

Learn about statistical methods used to answer questions raised in research. This includes collecting, organizing and describing data, and drawing conclusions from it.

Instructor

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Animal Science

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Office hours:

Due to the covid-19 pandemic, this will be purely by appointment and only if urgent.

Recommended text:

Statistics for Research, 3rd Edition; Shirley Dowdy, Stanley Wearden, Daniel Chilko 2004.

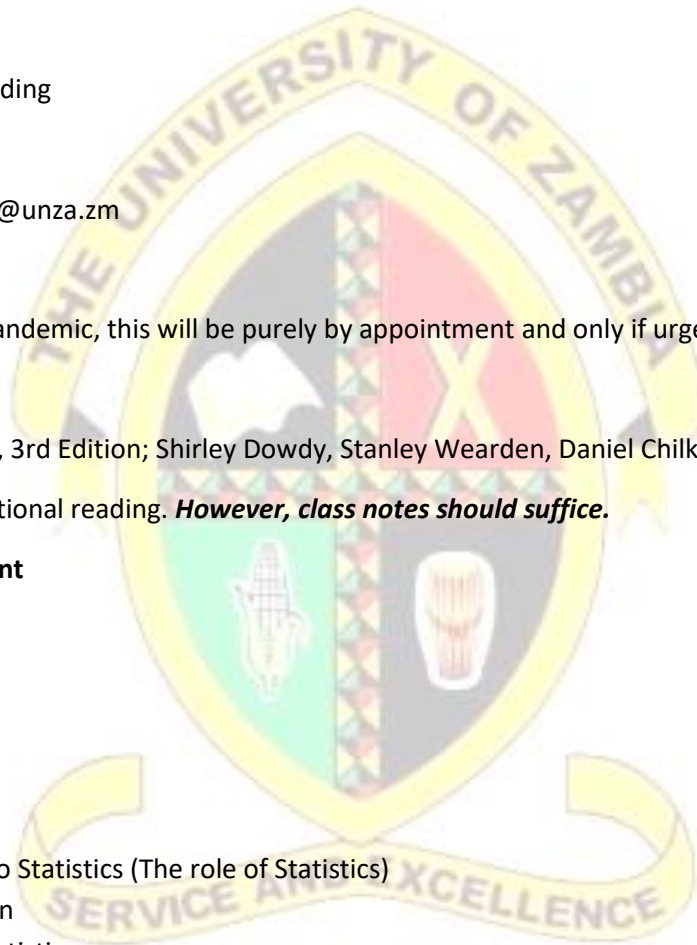
This is merely for additional reading. ***However, class notes should suffice.***

Continuous Assessment

- a. Tests (2) -
- b. Assignments (2)
- c. Exam (1)

Topics and Readings

- 1) Introduction to Statistics (The role of Statistics)
- 2) Sigma Notation
- 3) Descriptive Statistics
- 4) Probabilities, Random Variables and their distributions
- 5) Sampling Distributions
- 6) Inferential Statistics
- 7) Regression and Correlation Analysis



Academic Dishonesty

Academic dishonesty can involve: cheating, fabrication or falsification of information, plagiarism - including copying of written materials or “cutting and pasting” from websites, destroying, defacing, stealing, or making inaccessible library or other academic resource material, complicity in the academic dishonesty of others, falsifying grade reports, or misrepresenting illness, injury, accident, etc. to avoid or delay an examination or the timely submission of academic work.

Consequences of academic dishonesty, depending on the degree of severity as interpreted by an instructor, may range from a warning to assigning a fail grade for the course. The instructor may also choose to assign a zero or partial credit for a specific assignment or examination in which dishonesty was involved.

