**EEE 2201 SOCIAL RESEARCH METHODS 1**

**Lecturer** Dr. Florence Birungi Kyazze B.Sc. Agric., M.Sc. Agric (Agric Econ.), PhD (Agricultural Education)

**Course Type**: **CORE (BARI I.)**

**1. COURSE DESCRIPTION**

**Course Credits (CU)**: **3 CU i.e. 45 Contact Hours per semester**

**Course Duration**: **15 weeks (45 hours) i.e. 30 LH, 30 PH/TH**

The course introduces students to qualitative and quantitative social research methods. It covers: key concepts in research; types of research; the research process; the research proposal; data collection tools and procedures; integrating qualitative and quantitative methods; research ethics; sensitivity to socio-economic factors (including gender) in research.

**2. COURSE OBJECTIVES**

The course aims at equipping students with skills and knowledge in social research methodology in an effort to encourage innovative ways of addressing the challenges and opportunities in the dynamic rural and agricultural development contexts.

The **specific objectives** are to:

1. Provide students the knowledge about the basic theories and concepts of social research methods.
2. Introduce students to the various types of social research designs, their appropriateness and applicability in real life situations.
3. Equip students with proposal writing skills to develop competitive proposals for both donor funding and academic purposes.
4. Enable students to apply and integrate various qualitative and quantitative data collection procedures in real life situations.

**3. RECOMMENDED REFERENCES FOR READING**

1. Ary, D., Jacobs, C.L., & Razavieh, A. (1990). *Introduction to Research Education.* Fourth Edition. HarcourtBraceCollege Publishers
2. Borg, W.R. & Gall, M.D. (1989). *Education Research. An Introduction.* Fifth Edition. Longman, NewYork & London.
3. Campbell, T.D. & Stanley, C,J. (1963). *Experimental and Quasi-Experimental Designs for Research.* Hoghton Milling Company
4. Mark, R. (1996). *Research Made Simple*. A Handbook for Social Workers, Sage Publications
5. Mason, J. (2002). *Qualitative Researching.* 2nd Edition. SAGE Publication, London. Thousand Oaks. New Delhi
6. Sarantakos, S. (1998). *Social Research*, 2nd Edition, MacMillan Press Ltd
7. Sudman, S. & Bradburn, M.N. (1982). *Asking Questions. A Practical Guide to Questionnaire Design.* Jossy-Bass Inc., Publishers.

**4**. **COURSE CONTENT, METHODS OF INSTRUCTION, TOOLS AND EQUIPMENT REQUIRED**

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| **TOPIC** | **CONTENT** | **METHOD OF INSTRUCTION / Time allocated** | **TOOLS / EQUIPMENT NEEDED** |
| Introduction to Social Research | * Discussion of course overview * What is Research? * Why should you study Social Research? * Characteristics Of Social Research * Basic Terminology in Social Research * Ethical consideration in social research * Source of knowledge for social research * The nature of science and the scientific inquiry | Interactive lectures (5hrs)  Tutorial sessions (2hrs) | Flash cards, Markers White Board, Laptop, LCD Projectors, Paper |
| Types of Social Research | * Basic vs Applied research * Exploratory vs Confirmatory research * Qualitative vs Quantitative research * Differences between qualitative and quantitative research | Interactive Lectures (2hrs) | Flash cards, Markers White Board, Laptop, LCD Projectors, Paper |
| Types of social research design and their characteristics: | * Quantitative Research Design-Non-experimental Design  1. Types of descriptive research 2. Survey research 3. Longitudinal Studies 4. Correlational research 5. Case studies 6. Ex posto facto research | Interactive Lectures (4hrs) | Markers White Board, Laptop, LCD Projectors  Paper |
| Types of social research and their characteristics | 1. Experimental Research 2. General characteristics of experimental research 3. Purpose of experimental research 4. Types of experimental research | Interactive Lectures (3hrs)  Tutorial sessions (3hrs) | Markers White Board, Laptop, LCD Projector, Desktop computers |
| Introduction to Qualitative Research Designs in Social Research | * Phenomenology qualitative Designs * Ethnography qualitative designs * Grounded theory qualitative designs * Case study qualitative designs | Interactive Lectures (2hrs)  Tutorial sessions (2hrs) | Markers White Board, Laptop, LCD Projector, Desktop computers |
| Planning for the Research Process | * Requirements for the research process * The research proposal as a planning tool * Purpose of the proposal | Interactive Lectures (3hrs) | Markers White Board, Laptop, LCD Projector, Desktop computers |
| Elements of the Research Proposal | * Title page and table of contents   + Components of the title page   + Characteristics of a good title   + What is a table of contents? | Interactive Lectures (2hrs) | Markers White Board, Laptop, LCD Projector, Desktop computers |
| Elements of the Research Proposal | * Chapter 1: Introduction  1. Background and setting of the research problem 2. Statement of the research problem 3. Objectives and hypotheses 4. Significance of the study 5. Definition of terms 6. Limitations of the study 7. Basic assumptions | Interactive Lectures (4hrs)  Tutorial Sessions (5hrs) | Markers White Board, Laptop, LCD Projector, |
| Elements of the Research Proposal | * Chapter 2: Review of Related Literature  1. What is Literature Review? 2. Functions of Literature Review 3. Sources of Literature Review 4. Selecting related literature 5. Reporting related literature 6. Reviewing the selected literature 7. Writing up the Reviewed Literature | Interactive Lectures (4hrs)  Tutorial sessions (3hrs)  Computer Laboratory (4hrs) | Markers White Board, Laptop, LCD Projector  Desktop computer  Internet services |
| Elements of the Research Proposal | Chapter 3: Methodology   * Role of the Research Methodology * Components of the research methodology  1. Research Design 2. Target Population 3. Sampling and sample selection 4. Sampling Errors and the Causes 5. Data collection techniques and tools 6. Quantitative Data Collection tools 7. Qualitative data collection tools 8. Integrating qualitative and quantitative data collection tools 9. Data analysis 10. Budget 11. Work plan 12. Bibliography 13. Appendices | Interactive Lecture (5hrs)  Tutorial session (5hrs)  Field Based Data collection exercise (6hrs) | Markers White Board, Laptop, LCD Projector, |

**5. SUMMARY OF TIME NEEDED**

Interactive lectures covering theory 30 hrs

Tutorial Hours 20hrs

Computer Laboratories 10 hrs

**6. OVERALL COURSE EVALUATION**

Continuous Assessment Test 30%

Take Home and Field Based Assignments 10%

Final examination 60%.