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#### Qualitative and Mixed Methods Research Courses:

NRM 777/AH 777 Mixed Methods Research I: Introduction to the Field (fall)  
NRM 778/AH 778 Mixed Methods Research II: Designing and Conducting a Mixed Methods Study (spring)  
NRM 779/AH 779 Mixed Methods Applications in Community-Based Action Research (summer)  
NRM 784/AH 784 Qualitative Research: A Grounded Theory Approach (summer, odd year)  
NRM 785/AH 785 Qualitative Research: Analysis and Interpretation (spring)  
NRM 786/AH 786 Qualitative Research: A Case Study and Ethnographic Approaches (TBA)  
NRM 787/AH 787 Qualitative Research: A Phenomenological Approach (summer, even year)

#### Course Descriptions:

##### **NRM 777/AH 777 Mixed Methods Research I: Introduction to the Field**

The course will provide students with an introduction to mixed methods research. Using a socio-ecological conceptual framework for the field of mixed methods the course will focus on understanding what constitutes mixed methods research, its fundamental principles, and the main perspectives, issues, and debates involved in the application of this research approach. Students will examine the process of mixed methods research, including its definition, rationales for using it, the key characteristics, basic design applications, means of assessing the quality of mixed methods inferences, and how mixed methods research intersects with other methodological approaches and theoretical frameworks. In addition, students will learn how the mixed methods research process is shaped by personal, interpersonal, and social contexts to inform their own mixed methods research practice.

##### **NRM 778/AH 778 Mixed Methods Research II: Designing and Conducting a Mixed Methods Study**

The course will provide students with knowledge and skills of designing and conducting mixed methods studies in the social and health sciences. The topics will include types of research problems addressed, specification of mixed methods purpose statements and research questions, types of mixed methods designs, data collection and analysis strategies within mixed methods designs, and procedures for reporting and evaluating mixed methods studies. Students will get applied knowledge of choosing an appropriate mixed methods design, following the steps in designing and conducting a mixed methods study, and visually presenting mixed methods procedures employed in the study. Students will develop a proposal for a mixed methods study with the major emphasis on the study methodology.

### **NRM 779/AH 779 Mixed Methods Applications in Community-Based Action Research**

The course will provide students with a detailed overview of how mixed methods can be applied in designing and conducting community-based action research studies. The topics will include: community-based action research, its purposes and cross-disciplinary utilization; a mixed methods methodological framework for action research; steps in designing and conducting mixed methods action research studies in community settings; specific types of mixed methods action research designs; sampling, data collection, analysis, validation, and evaluation of mixed methods action research projects. Students will get applied knowledge of choosing an appropriate mixed methods action research design, of applying the steps to designing and conducting a mixed methods action research study, and visually presenting the procedures employed in the study. Students will develop a proposal for a mixed methods action research study with the major emphasis on the study methodology.

### **NRM 784/AH 784 Qualitative Research: A Grounded Theory Approach**

The course will provide students with in-depth knowledge of the historical origins, philosophical and theoretical foundations, methodological principles and applications of a grounded theory qualitative research approach. Students will explore types of research problems addressed, specification of the purpose statement and research questions, sampling, data collection and analysis strategies, establishing credibility and trustworthiness, and procedures for reporting a grounded theory study. The course will provide a structured field experience of designing and conducting a small-scale grounded theory study. The use of qualitative research software NVivo for data organization, management and analysis will be emphasized.

### **NRM 785/AH 785 Qualitative Research: Analysis and Interpretation**

The course will provide students with applied knowledge of data analysis and interpretation in qualitative inquiry. Students will understand the nature of qualitative data and explore different approaches to qualitative data analysis. The course will provide a structured experience of learning how to analyze, interpret, display and report qualitative data and results within five basic approaches to qualitative inquiry (narrative, case study, ethnography, grounded theory, and phenomenology). Students will develop basic skills in using qualitative research software NVivo for data organization, management and analysis.

### **NRM 786/AH 786 Qualitative Research: A Case Study and Ethnographic Approaches**

The course will provide students with in-depth knowledge of the historical origins, philosophical and theoretical foundations, methodological principles and applications of case study and ethnographic qualitative research approaches. Students will explore types of research problems addressed, specification of the purpose statement and research questions, sampling, data collection and analysis strategies, establishing credibility and trustworthiness, and procedures for reporting a case study and ethnography. The course will provide a structured field experience of designing and conducting a small-scale case

study or an ethnographic study. The use of qualitative research software NVivo for data organization, management and analysis will be emphasized.

### **NRM 787/AH 787 Qualitative Research: A Phenomenological Approach**

The course will provide students with in-depth knowledge of the historical origins, philosophical and theoretical foundations, methodological principles and applications of a phenomenological qualitative research approach. Students will explore types of research problems addressed, specification of the purpose statement and research questions, sampling, data collection and analysis strategies, establishing credibility and trustworthiness, and procedures for reporting a phenomenological study. The course will provide a structured field experience of designing and conducting a small-scale phenomenological study. The use of qualitative research software NVivo for data organization, management and analysis will be emphasized.