PHD SAMPLE Full Time Plan of Study

Name: _______________________ Enter: ______________     Graduate: ____________

### Year 1:

**Fall Semester**
- **NUR 501**  
  **Philosophy of Science**  
  Philosophy of science, scientific reasoning, and scientific progress are analyzed for relevance to present-day nursing research.  
  3 hours
- **NUR 589.04**  
  **Statistical Methods I**  
  Introduction to interpretation of basic research methods and inferential statistics (Familiarity with descriptive statistics is assumed.)  
  3 hours
- **Cognate Course***  
  3 hours

**Spring Semester**
- **NUR 503**  
  **Theoretical Basis of Nursing Research**  
  Examination and critical evaluation of the theory development and use from nursing and related disciplines.  
  3 hours
- **NUR 507**  
  **Qualitative Research Design**  
  Examination and application of qualitative design and methods.  
  3 hours
- **NUR 589.05**  
  **Statistical Methods II**  
  Examination and application of advanced analysis of variance and regression analysis.  
  3 hours

**Summer Semester**
- **NUR 509**  
  **Introduction to Nursing Informatics**  
  Overview of nursing informatics theory, practice, policy, and research trends emphasizing knowledgeable use to support advanced nursing practice and research.  
  3 hours
- **NUR 511**  
  **Health Policy**  
  Health policy including economic implications is analyzed, applied, and evaluated from a comprehensive understanding of the state of nursing science.  
  3 hours

**Fall Semester**
- **NUR 589.03**  
  **Statistical Methods III**  
  Examination and application of Multivariate data analysis  
  3 hours
- **NUR 505**  
  **Quantitative Research Design**  
  Examination and application of quantitative scientific research  
  3 hours
design and methods.

NUR 520  **Biopsychological Research With Aging Individuals**  
*The state of the science is analyzed and evaluated specific to the biological, psychological and functional health of aging individuals.*

Spring Semester

NUR 524  **Research in Aging With Vulnerable Populations**  
*The state of the science is analyzed and evaluated specific to the vulnerable aging population.*

NUR 526  **Residency in Research With Aging Adults**  
*A research paper project in the area of nursing research in aging is conducted under the guidance of a preceptor.*

Cognate course*  

Summer Semester

NUR 513  **Ethical, Legal, and Professional Issues in Research**  
*Ethical and legal considerations of the research process are analyzed, applied and evaluated.*

NUR 522  **Sociocultural Research With Aging Persons in Families and Communities**  
*The state of the science is analyzed and evaluated specific to the sociocultural issues of aging clients and their communities.*

Fall Semester

Cognate course*  

Upon completion of coursework, students will complete and pass written and oral comprehensive exam to be admitted to candidacy and then begin dissertation work. Student will register for a minimum of 15 hours dissertation to complete the degree.

Students will enroll in NUR 530 Colloquium (0 credit hours) and attend each semester enrolled in the program.

*Cognate courses are courses selected in collaboration with your faculty advisor. These courses are meant to enhance your knowledge in the area of your research interest. These courses may be taken at ISU or at other academic institutions. These courses must be completed at the 400-500 level.
Program hours = 66.