

## Sample PhD Program Course - Schedule Full Time (Students admitted Fall 2024 or later)

NOTE: Minimum 58 required credits (Note: 3 shaded boxes are *optional* electives)

	Fall	Crs	Spring	Crs	Summer	Crs
<b>Year 1</b>	N705, Seminar in Interdisciplinary Clinical Research Evidence (literature review & synthesis)	3	N703, Health Care and Public Policy	3	N801, Theory in Nursing Research	2
	N706, Nursing Research <sup>1</sup>	3	N803, Qualitative Methods	3	N999 Independent Study	0-2
	N815, Knowledge Development in Nursing	3	N800, Health Equity in Nursing Research	2		
	N816, Proseminar in Nursing Research (I) <sup>2</sup>	1	N816, Proseminar in Nursing Research (II) <sup>2</sup>	1		
	N999 Independent Study	1-3	N999 Independent Study	1-3		
	<b>Total</b>	<b>11-13</b>	<b>Total</b>	<b>10-12</b>	<b>Total</b>	<b>2-4</b>
<b>Year 2</b>	N804, Quantitative Methods	4	Minor	3	N802 Ethics & Responsible Conduct of Research	1
	Graduate level statistics	3	Elective in nursing science	3	N999 Independent Study	0-3
	N816, Proseminar in Nursing Research (III) <sup>2</sup>	1	Graduate level statistics	3		
	N999 Independent Study	1-3	N816, Proseminar in Nursing Research (IV) <sup>2</sup>	1		
			N999 Independent Study	1-3		
	<b>Total</b>	<b>9-11</b>	<b>Total</b>	<b>11-13</b>	<b>Total</b>	<b>1-4</b>
<b>Year 3</b>	Minor	3	Minor	3	N990 Dissertation Research (e.g., begin a study)	3
	Elective in nursing science	3	Optional teaching or other role preparation course, or other elective	3		
	Optional practicum <ul style="list-style-type: none"> <li>• N847, Health Policy Practicum</li> <li>• N819, Clinical Research Practicum</li> <li>• N787 Nursing Education Practicum</li> </ul> or other elective	3	Optional leadership course <ul style="list-style-type: none"> <li>• N714, Advanced Health Systems Leadership and Innovation;</li> <li>• ELPA 847, Instructional Leadership and Teacher Capacity</li> </ul> or other elective	3		
	N999 Independent Study	1-3	N999, Independent Study (plan for and complete preliminary exam)	1-3		
	<b>Total</b>	<b>7-12</b>	<b>Total</b>	<b>4-12</b>	<b>Total</b>	<b>3</b>
<b>Year 4</b>	N990 Dissertation Research	<b>3</b>	N990 Dissertation Research	<b>3</b>	N990 Dissertation Research	<b>3</b>
	<b>Total</b>	<b>3</b>	<b>Total</b>	<b>3</b>	<b>Total</b>	<b>3</b>

1. Students may petition out of the N706 requirement if they had a graduate-level research course within the last 5 years.
2. N816 Proseminar in Nursing Research is taken in 4 semesters, covering
  - I. Introduction to PhD education, Scholarship, Nurse Scientist Roles (Academic, Clinical Nurse Scientist, Policy, etc...), Individual Development Planning
  - II. Informatics, Design Thinking & Innovation, Data Science, AI, Health Economics,
  - III. Health Promotion & Awareness, Symptom Science, Omics, Precision Health, Patient-Reported Outcomes, Team Science
  - IV. Advanced Role / Career Development (post-docs, applying for a job, tenure, etc...) and Leadership.

## Sample PhD Program Course - Schedule Part Time (Students admitted Fall 2024 or later)

NOTE: Minimum 58 required credits (Note: 3 shaded boxes are optional electives)

	Fall	Crs	Spring	Crs	Summer	Crs
<b>Year 1</b>	N705, Seminar in Interdisciplinary Clinical Research Evidence (literature review & synthesis)	3	N703, Health Care and Public Policy	3	N801, Theory in Nursing Research	2
	N706, Nursing Research <sup>1</sup>	3	N800, Health Equity in Nursing Research	2	N999 Independent Study	0-1
	N999 Independent Study	0-1	N999 Independent Study	0-1		
	<b>Total</b>	<b>6-7</b>	<b>Total</b>	<b>5-6</b>	<b>Total</b>	<b>2-3</b>
<b>Year 2</b>	N815, Knowledge Development in Nursing	3	N803, Qualitative Methods	3	N802 Ethics & Responsible Conduct of Research	1
	Graduate level statistics	3	Graduate level statistics	3	N999 Independent Study	0-1
	N816, Proseminar in Nursing Research (I) <sup>2</sup>	1	N816, Proseminar in Nursing Research (II) <sup>2</sup>	1		
	<b>Total</b>	<b>7</b>	<b>Total</b>	<b>7</b>	<b>Total</b>	<b>1-2</b>
<b>Year 3</b>	N804, Quantitative Methods	4	Minor	3	N999, Independent Study	0-2
	N816, Proseminar in Nursing Research (III) <sup>2</sup>	1	N816, Proseminar in Nursing Research (IV) <sup>2</sup>	1		
	N999, Independent Study	1-3	N999, Independent Study	1-3		
	<b>Total</b>	<b>6-7</b>	<b>Total</b>	<b>5-7</b>	<b>Total</b>	<b>0-2</b>
<b>Year 4</b>	Minor	3	Minor	3	N999, Independent Study	0-2
	Elective in nursing science	3	Elective in nursing science	3		
	N999, Independent Study	0-1	N999, Independent Study	0-1		
	<b>Total</b>	<b>6-7</b>	<b>Total</b>	<b>6-7</b>	<b>Total</b>	<b>0-2</b>
<b>Year 5</b>	Elective	3	Optional teaching or other role preparation course, or other elective	3	N990, Dissertation Research (e.g., begin a study)  <i>Once Dissertator Status is achieved, students will enroll for 3 credits of N990 each term until their defense</i>	3
	Optional practicum • N847, Health Policy Practicum • N819, Clinical Research Practicum • N787 Nursing Education Practicum or other elective	3	Optional leadership course • N714, Advanced Health Systems Leadership and Innovation; • ELPA 847, Instructional Leadership and Teacher Capacity or other elective	3		
	N999, Independent Study (complete preliminary exam)	1-3	N999, Independent Study (defend dissertation proposal)	1		
	<b>Total</b>	<b>4-7</b>	<b>Total</b>	<b>1-7</b>		

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2. N816 Proseminar in Nursing Research is taken in 4 semesters, covering
  - I. Introduction to PhD education, Scholarship, Nurse Scientist Roles (Academic, Clinical Nurse Scientist, Policy, etc...), Individual Development Planning
  - II. Informatics, Design Thinking & Innovation, Data Science, AI, Health Economics,
  - III. Health Promotion & Awareness, Symptom Science, Omics, Precision Health, Patient-Reported Outcomes, Team Science
  - IV. Advanced Role / Career Development (post-docs, applying for a job, tenure, etc...) and Leadership.

**Planned Nursing PhD Course Offerings**

Course/Semester & Year	Fall 2024	Spring 2025	Sum 2025	Fall 2025	Spring 2026	Sum 2026	Fall 2026	Spring 2027	Sum 2027
N703, Health Care and Public Policy		X			X			X	
N705, Sem in Interdisc Clin Research Evidence	X			X			X		
N706, Nursing Research	X			X			X		
N800, Health Equity in Nursing & Health Research		X			X			X	
N801, Theory in Nursing Research			X			X			X
N802, Ethics and RCR			X			X			X
N804, Quantitative Methods				X			X		
N803, Qualitative Methods	X	X			X			X	
N815, Knowledge Development in Nursing	X			X			X		
N816, Proseminar in Nursing Research (section #s)	001 002 <sup>(A)</sup>	002 <sup>(B)</sup>		001 002 <sup>(A)</sup> 003	002 <sup>(B)</sup> 004		001 003	002 <sup>(B)</sup> 004	
N818, Patient-Centered Research		X			X			X <sup>E</sup>	
N819, Clinical Research Practicum	X			X			X <sup>E</sup>		
N847, Policy Practicum	X			X			X <sup>E</sup>		
N805, Measurement in Health Research		X <sup>E</sup>			X <sup>E</sup>			X <sup>E</sup>	

A = Pre- 2024 curriculum

B = 2024 and later curriculum

E = elective

**PhD Curriculum**  
Minimum 58 credits

**Nursing Scholarship (12 credits min)**

N705, Seminar in Interdisciplinary Clinical Research Evidence (3cr)	Exploration of interdisciplinary clinical research questions including strategies for assessing the evidence and methodology for conducting various types of literature reviews. An interdisciplinary perspective is emphasized throughout the course.
N801, Theory in Nursing Research (2cr)	Examination of middle-range theory, micro-theory, and conceptual frameworks and their application in nursing science, with emphasis on critique and selection or development of a theory / framework to guide the student's research.
N815, Knowledge Development in Nursing (3cr)	Examination of the history of the discipline of nursing, with emphasis on the evolution of debates regarding what is known and how it is known.
N816, Proseminar in Nursing Research (total 4cr: 1cr x 4 semesters)	Focus on professional development and socialization to the role of nurse scientist. Discussion emphasizes career development planning including traditional and alternative roles for PhD-prepared nurses, and current and emerging topics of importance to nursing science. The planned and ongoing research of graduate students and faculty in nursing will be featured as relevant.

**Research Design, Methods, & Statistics (16 credits min)**

N706, Nursing Research (3cr)	Examines a variety of research methods available to address health care problems and issues in general, and nursing in particular.
N804, Quantitative Methods (4cr)	Focuses on the conduct of research primarily from empirical, analytical traditions. Address the integration of research paradigms, questions, designs, and methods for such research. Compare details, characteristics, strengths and limitations of alternative research designs and methods. Discuss issues and standards for preparing research proposals for different purposes (e.g., institutional review boards for human subjects, NIH) to advance the nursing discipline.
N803, Qualitative Methods (3cr)	Focuses on how to conduct qualitative research. Content addresses the philosophical underpinnings of various interpretive qualitative methodologies to assist in matching the best method to particular research questions. Engage in research procedures associated with various qualitative traditions.
Graduate Statistics (6cr)	

**Electives in Nursing Science (6 credits min)**

N590, Contemporary Practices in Nursing (1-4 cr)	Health problems and their nursing management (e.g., Chronic Illness Management, Symptom & Self- Management Science, LGBTI Health)
N805, Measurement in Health Research (3 cr)	Major issues in developing, testing, and using research instruments, including links between concepts, variables, and measures; theories of measurement and scaling, including reliability and validity testing; and using measures in research.
N818, Patient-Centered Research (3 cr)	Addresses conceptual and methodological perspectives in how patient-centered research and family-centered care research is conducted, from the development through the testing and implementation of interventions. Attention is given to various conceptualizations of patient-centeredness, to the behavioral and physiological origins of patient-centered interventions, family-centered care interventions, and to the trajectory of testing such interventions, from descriptive studies to experimental trials.

N819, Clinical Research Practicum (3 cr)	A field experience in preparation for conducting clinical research in the health care setting that corresponds to the a chosen health problem, phenomenon, or population of interest. Engage as participants and observers in the care setting to deepen your knowledge of the selected health problem and to examine the application of theory and research in the care setting. Negotiate a field experience with a selected agency or institution. Includes discussion of instructional experiences and issues.
N847, Health Policy Practicum(3 cr)	Provides a policy field experience that corresponds to a targeted focus area, phenomenon, or population of interest. Negotiate a policy experience with a selected agency or institution. Analyze relevant policies to your population of interest and actively influence the design, development, and implementation of a policy. Examine strategies to accelerate policy adoption and implementation.

**Legal, Ethical and Social Concerns in Nursing Research (6 credits min)**

N800, Health Equity in Nursing and Health Research (2cr)	Examination of key concepts in health disparities and health equity as they apply to nursing and related health research. Identification of structural and social determinants of equity that shape health at multiple levels, across the health and wellness continuum, in all health domains and throughout the life course. Emphasis on implications for the design, conduct, interpretation, and dissemination of nursing and health research.
N703, Health Care and Public Policy (3cr) – or similar course	Provides a comprehensive overview of the U.S. healthcare system and policy-making process at the local, state, and federal levels, as well as an analysis of global health policies in other countries. Key policy issues covered include Medicare, Medicaid, the uninsured, public health, and healthcare reform. Addresses the role of key stakeholders, including policy-makers, interest groups, and the media on the development of health policy, as well as key forces involved in policy-making, including economics, innovation, social, ethical, and political factors. Examine the role and responsibility of nurse leaders and the impact of health policy on nursing practice at the individual, community, and population level.
N802, Ethics and Responsible Conduct of Research (1cr)	Ethical issues in the design, conduct and reporting of research are examined in the context of the nature of the scientific endeavor, the structure of the research community, and professional and federal guidelines for supporting scientific integrity and controlling misconduct.

**PhD Minor (9 credits min)**

**Research / Dissertation (9 credits min)**

N999, Independent Study (6cr – minimum 1cr / sem until dissertator)	Directed study as arranged with instructor.
N990, Dissertation Research (3cr – minimum 3cr / sem until graduation)	