

## Sample PhD Program Full-Time Course Schedule (Students admitted Fall 2023 or earlier)

	Fall	Crs	Spring	Crs	Summer	Crs		
Year 1	N815 Knowledge Development (in science)	3	N803 Advanced Quantitative Design & Methods	3	N802 Ethics & Responsible Conduct of Research	1		
	N816 Proseminar: Role of Nurse Scientist (I)	1	N703 Health Policy in the U.S.*	3	N999 Independent Study <sup>^</sup>	0-3		
	Graduate level statistics	3	Statistics or minor course	3				
	Course in Topic or Population of interest <sup>•</sup>	3	N999 Independent Study <sup>^</sup>	0-3				
	N999 Independent Study <sup>^</sup>	0-3						
	<b>Total</b>	<b>10-13</b>	<b>Total</b>	<b>9-12</b>	<b>Total</b>	<b>1-4</b>		
Year 2	N804 Advanced Qualitative Design & Methods	3	T&P: Minor	P&L: Health Policy Course**	3	T&P: N819 Practicum	P&L: N847 Practicum	3
	Minor	3	Education in Nursing		3	N999 Independent Study <sup>^</sup>		0-3
	Additional Statistics/Minor	3	N999 Independent Study <sup>^</sup>		0-3			
	N999 Independent Study <sup>^</sup>	0-3						
	<b>Total</b>	<b>9-12</b>	<b>Total</b>	<b>6-10</b>	<b>Total</b>	<b>3-6</b>		
Year 3	N816 Proseminar: Role of Nurse Scientist (II)	1	Remaining Minor, Methods/Stats, Population		3	N990 Dissertation Research (e.g., begin a study)		3
	T&P: N818 Patient Centered Research***	P&L: Minor	3	N999 Independent Study <sup>^</sup>		0-5	Once Dissertator Status is achieved, students will enroll for 3 credits of N990 each term until their defense	
	Additional Minor, Methods/Stats, Population		3	Plan for Preliminary Exam/Comps				
	N999 Independent Study <sup>^</sup>		0-3					
	<b>Total</b>	<b>7-11</b>	<b>Total</b>	<b>3-8</b>	<b>Total</b>	<b>3</b>		

T&P = Theory and Practice track, P&L = Policy and Leadership track

\*N703 is taken by most students following the Theory and Practice (T&P) track to satisfy their 3-credit policy requirement

\*\*There are a variety of approved courses for P&L students to choose from to complete their additional required P&L credits. This list can be found on the [Student Site](#).

\*\*\*N818 will be offered during odd numbered fall terms (e.g., Fall 2019). There are approved alternatives if N818 does not fit into your program plan at these times. Discuss with your advisor.

<sup>^</sup>Prior to dissertator status, 3 credits of N999 must be taken. A total of 10 credits of N999 or N990 must be taken in order to complete the degree. To maintain full-time status, students must enroll in a minimum of 8 credits in a fall or spring term. This can be achieved through N999 enrollment.

<sup>•</sup>N706 Nursing Research is strongly encouraged for all first-semester, post-BS students who haven't taken a research class previously

## Sample PhD Program Part-Time Course Schedule (Students admitted Fall 2023 or earlier)

	Fall		Crs	Spring		Crs	Summer		Crs
Year 1	Course in Topic or Population of interest*		3	N703 Health Policy in the U.S.*		3	N999 Independent Study <sup>^</sup> or Minor		1-3
	Graduate level statistics		3	Statistics or Minor		3			
	<b>Total</b>		<b>6</b>	<b>Total</b>		<b>6</b>	<b>Total</b>		<b>1-3</b>
Year 2	N815 Knowledge Development (in science)		3	N803 Advanced Quantitative Design & Methods		3	N802 Ethics & Responsible Conduct of Research		1
	N816 Proseminar: Role of Nurse Scientist (I)		1	Statistics or Minor <sup>^</sup>		3	N999 Independent Study <sup>^</sup>		1-3
	Additional Statistics/Minor		3						
	<b>Total</b>		<b>7</b>	<b>Total</b>		<b>6</b>	<b>Total</b>		<b>1-3</b>
Year 3	N804 Advanced Qualitative Design & Methods		3	Education in Nursing		3	T&P: N819 Practicum	P&L: N847 Practicum	3
	Minor, Advanced Methods, or Statistics, as needed		3	Additional Statistics/Minor		3	N999 Independent Study <sup>^</sup>		1-3
				N999 Independent Study <sup>^</sup>		1-3			
	<b>Total</b>		<b>6</b>	<b>Total</b>		<b>5-8</b>	<b>Total</b>		<b>4-7</b>
Year 4	T&P: N818 Patient Centered Research***	P&L: Minor	3	T&P: Minor	P&L: Health Policy Course**	3	N990 Dissertation Research (e.g., begin a study)		3
	N816 Proseminar: Role of Nurse Scientist (II)		1	N999 Independent Study <sup>^</sup>		1-3	Once Dissertator Status is achieved, students will enroll for 3 credits of N990 each term until their defense		
				Plan for Preliminary Exam/Comps					
	<b>Total</b>		<b>4</b>	<b>Total</b>		<b>6</b>	<b>Total</b>		<b>2</b>

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\*\*There are a variety of approved courses for P&L students to choose from to complete their additional required P&L credits. This list can be found on the [Student Site](#).

\*\*\*N818 will be offered during odd numbered fall terms (e.g., Fall 2019). There are approved alternatives if N818 does not fit into your program plan at these times. Discuss with your advisor.

<sup>^</sup> Only three courses (or a total of 9 credits) in statistics are required. This appears on the grid in multiple areas to offer flexibility in the timing of additional statistics and minor coursework.

<sup>^</sup> Prior to dissertator status, 3 credits of N999 must be taken. A total of 10 credits of N999 or N990 must be taken in order to complete the degree.

\*N706 Nursing Research is strongly encouraged for all first-semester, post-BS students who haven't taken a research class previously

## 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
N803, Quantitative Methods				X			X		
N804, 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

### **Known approved options/substitutions**

- *Please refer to the MyUW Enroll App for term specific information and availability*
- *Discuss course selection with your faculty advisor*

### **Approved substitution for N818**

- ED PSYCH 946: Advanced Assessment and Intervention Techniques
- ED PSYCH 736: Seminar in Psychology of Individual Differences
- SOC WK 741: Interventions with Children, Youth and Families

### **Health policy course options**

- *N817: Research in Communities, Populations, and Systems*
- POP HLTH 709: Translation and Outcomes Research in Health and Health Care
- POP HLTH 876: Measuring Health Outcomes
- POP HLTH 786: Social and Behavioral Sciences for Public Health
- POP HLTH 785: Health Systems, Management, and Policy
- ED PSYCH 880: Prevention Science

### **Statistics options**

- ED PSYCH 719: Introduction to Qualitative Research
- ED PSYCH 760 & 761: Statistical Methods Applied to Education I
- ED PSYCH 762: Introduction to the Design of Educational Experiments
- ED PSYCH 763: Regression Models in Education
- ED PSYCH 861: Statistical Analysis and Design in Educational Research
- ED PSYCH/ELPA 822: Introduction to Quantitative Inquiry in Education
- ED PSYCH/ELPA 964: Hierarchical Linear Modeling
- BMI/STATS 541: Introduction to Biostatistics
- BMI/STATS 641: Statistical Methods for Clinical Trials
- BMI/STATS 642: Statistical Methods for Epidemiology
- BMI/POP HLTH 551: Introduction to Biostatistics for Population Health
- BMI/POP HLTH 552: Regression Methods for Population Health
- BMI/POP HLTH 651: Advanced Regression Methods for Population Health
- BMI/POP HLTH 652: Topics in Biostatistics for Epidemiology

- BMI 826: Data Management in R
- STATS 849: Theory and Application of Regression and Analysis of Variance I
- STATS 850: Theory and Application of Regression and Analysis of Variance II
- STATS 601: Statistical Methods I

### **Education in nursing options**

- N785: Foundations of Curriculum Development and Evaluation in Nursing Education
- N786: Foundations of Teaching and Learning in Nursing
- N787: Nursing Education Practicum
- ELPA 746: The Adult Learner: Implications for Curriculum and Instruction
- ELPA 701: Introduction to Higher and Post-Secondary Education
- C&I 735: Epistemic Practice and Science Teaching

### Population focus options

- SOC WK 921: Child Welfare
- SOC WK 644: Issues in Developmental Disabilities
- SOC WK 874: Advanced Practice in Health, Aging and Disability
- SOC 971: Seminar-Topics in Demography and Ecology
- POP HLTH 786: Social and Behavioral Sciences for Public Health
- N722: Advanced Practice Nursing Theory-Adults and Older Adults
- N741: Advanced Practice Nursing Theory-Family Process & Child Development
- N751: Advanced Practice Nursing Theory-Psychiatric Mental Health
- RP&SE 560: Psychosocial Aspects of Chronic Illness and Disability
- HDFS 516: Stress and Resilience in Families Across the Lifespan
- OTM 753: Healthcare Operations Management

### Minor departments

- Distributed
- Prevention and Intervention Science
- Gender and Women's Studies
- Statistics
- Business
- Educational Psychology
- Industrial Engineering
- Psychology
- Neuroscience
- Population Health
- Others, based on interests
- To see all available minor options, review the [Graduate Guide](#)

### Certificate programs

- Bioinformatics
- Consumer Health Advocacy
- Fundamentals of Clinical Research
- Gender and Women's Studies
- Global Health
- Prevention and Intervention Science
- Clinical and Community Outcomes Research
- To see all available graduate/professional certificates, review the [Graduate Guide](#)

## Course Descriptions

### **Scholarly Inquiry (18 credits)**

#### **N802 Ethics and the Responsible Conduct of Research: 1 credit**

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.

#### **N803 Quantitative Design and Methods: 4 credits**

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.

#### **N804 Qualitative Design and Methods: 3 credits**

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.

#### **N815 Knowledge Development in Nursing: 3 credits**

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: 1 credit (Two semesters required – Year 1 and Year 3)**

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.

### **Advanced Methods / Statistics: 6 credits**

### **Theory and Practice of Nursing (3-9 credits)**

All students are required to take a minimum of 3 credits in a population or phenomenon course. Students who select an emphasis in Theory and Practice of Nursing will complete at least 6 additional credits including N818 Patient-Centered Research (or an approved alternative) and a clinical field practicum.

### **A Population or Phenomenon Course: 3 credits**

#### **N702 Health Promotion and Disease in Diverse Communities: 3 credits**

Best practice approaches to health promotion and disease prevention are explored from their theoretical foundations to clinical applications in diverse populations. Content focuses on the study and synthesis of epidemiologic evidence with emerging social, psychological, and biological science to critically examine and propose evidence-based strategies to improve health outcomes, mitigate risk, and reduce disparities at the population level. Epidemiological principles, levels of prevention, population health theory, infectious disease control, and considerations specific to health equity and ethical health promotion practice in populations will be addressed.

#### **N722 Advanced Practice Nursing Theory: Adults and Older Adults: 3 credits**

This course will examine theoretical perspectives and evidence-based approaches to human responses to health and illness during adulthood and old age. Concepts and research from multiple disciplines will be examined as a framework for reflective practice with adults.

**N741 Advanced Practice Nursing Theory: Family Process & Child Development: 3 credits**

Selected family and child development theories and research that inform advanced practice nursing are analyzed. These concepts are applied to assess child and family needs, enhance the parent-child relationship, and develop family-centered, culturally responsive interventions in health and illness.

**N751 Advanced Practice Nursing Theory: Psychiatric Mental Health: 3 credits**

Selected theories and models in psychotherapy, neuroscience, mental health, psychiatric disorders, and advanced psychiatric mental health nursing in complex care settings with diverse patients, communities, and populations are analyzed and integrated.

**N818 Patient-Centered Research: 3 credits**

This course addresses conceptual and methodological perspectives in how patient-centered 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, and to the trajectory of testing such interventions, from descriptive studies to experimental trials.

**N819 Clinical Field Practicum: 3 credits**

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.

**Policy and Leadership (3-9 credits)**

All students are required to take a minimum of 3 credits of 703 Health Care and Public Policy (or approved alternative – e.g., PHS 785 Health Systems Management and Policy). Students who select an emphasis in Policy and Leadership will complete at least 6 additional credits including N817 Research in Communities, Populations, and Systems (or an approved alternative) and a policy practicum.

**N703 Health Care and Public Policy: 3 credits**

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.

**A Health Policy or Community Research Course: 3 credits**

Students who select the emphasis in Policy and Leadership may meet the policy or community-based research requirement by taking one of the following courses. Student selection of specific coursework should be made in consultation with their faculty advisor.

**N730 – Critical Social Theories in Population Health (Please note this is a 2 credit course. PhD students should arrange to complete an additional credit with the course professor.)**

Examines the application of critical social theories in population health promotion when intersectionality, bias, and social inequities are social determinants of population health disparities. Intended to provide an opportunity to apply critical social theories to long-standing population health disparities and contemporary social health problems such as despair, homelessness, and loneliness. Emphasis on the appraisal of intersectionality, bias, and inequities in previous, present, or potential population health promotion strategies to eliminate health disparities.

**Population Health Sciences (PHS) 709 - Translational and Outcomes Research in Health and Healthcare**

This course seeks to review the conceptualization of translational and outcomes research in health and health care settings; to illustrate basic concepts and methods in research as applied to current issues in health and health care settings; and to understand the diverse perspectives that can be used to inform translational and outcomes research in different organizations, including those based within communities.

**Population Health Sciences (PHS) 876 - Health Outcomes Measurement**

Provides a comprehensive understanding of health outcome measures, including generic health status measures, disease-specific measures, and consumer reports of the quality of care.

**Population Health Sciences (PHS) 786 - Social and Behavioral Sciences in Public Health**

Students analyze public health issues from a social and behavioral sciences perspective, and critically examine the strengths and weaknesses of particular theories for developing effective population and community-based intervention programs.

**Educational Psychology (ED PSYCH) 880 – Prevention Science**

This course provides a theoretical, empirical and practical foundation for prevention science as it relates to the prevention of human social problems. Research and evaluation methods, program design strategies, best practices and policy as they relate to the field of prevention are also examined. Intended for 2nd year graduate students.

**Civil Society and Community Studies 811 – Community Based Research: Theory and Practice**

An interdisciplinary, introduction to community-based research. Designed to be a co-exploration by the students and instructor of different community-based, community-engaged, and action-oriented research approaches and methods as utilized in a variety of disciplines. In addition, students will have the opportunity to apply what they are learning through participation in community-based research (CBR) projects developed collaboratively with a local community partner.

**Civil Society and Community Studies 812 – Mixed Methods in Community Based Research**

Applied, methodologically focused seminar that aims to develop capacities for action-oriented mixed-methods research design, as well as basic understanding of an array of methodological tools. Readings, discussions, assignments, and class projects are all oriented toward developing this capacity and understanding. Students in this course will work on an action-oriented research project that is a continuation from CSCS 811.

**N847 Health Policy Practicum: 3 credits**

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.

**Nursing Education (3 credits)**

Students who have not had a prior course in adult education are strongly encouraged to take a didactic course (N785, N786, or similar course outside the School of Nursing) rather than taking the N787 practicum only.

**N785 Foundations of Curriculum Development and Evaluation in Nursing Education: 3 credits**

Examination and application of knowledge and skills related to curriculum planning, implementation and evaluation for nursing education. Emphasis on history and philosophy of nursing curricula, models of curriculum and evaluation, and strategies for change and innovation.



**N786 Foundations of Teaching and Learning in Nursing: 3 credits**

The focus of this course is the planning, implementing, and evaluation of teaching and learning strategies for nursing education within diverse settings and student populations.

**N787 Nursing Education Practicum: 1-3 credits**

Application of knowledge and skills in the nurse educator role in selected educational environments (classroom, clinical, laboratory and/or communities). Seminar component included for discussion of instructional experiences and issues.

**Minor (minimum 9 credits)**

The purpose of the minor is to add breadth to a PhD major. Two minor options are available. The Option A minor requires a minimum of 9 credits in a doctoral minor program outside of the student's doctoral major program. Fulfillment of the Option A minor requires approval of the external minor program. The Option B minor, or distributed minor, requires a minimum of 9 credits in one or more departments forming a coherent topic. Fulfillment of the Option B minor requires approval of the doctoral major (Nursing) program. Explore doctoral minors and certificate programs at <https://guide.wisc.edu/mas/>.

**Guided Research (10 credits)**

Students are expected to take at least 1 credit of Independent Study and participate in their faculty mentor's research group (or another research group agreed upon with the mentor) each semester.

**Independent Study (N799, N999, N990).** Each semester, students will meet with their faculty mentor to plan research goals that will develop and enrich knowledge and skills in various steps of the research process and build independence toward the doctoral dissertation study.

**Research Group Participation.** Participation in a faculty member's research group is a central part of PhD training and an important method of socialization to the role of nurse scientist. It is the "research lab" of nursing science. Attendance and participation in research team meetings prepares students to give and receive peer review and critique; participate in the daily conduct of various stages of research projects from grant writing and proposal development to IRB approval, data collection, analysis and dissemination of results; and to collaborate with researchers and co-investigators from multiple disciplines.

**Research Colloquia.** Students are also expected to attend and participate in regular School of Nursing research colloquia. The colloquia provide an important opportunity for faculty and students to come together and discuss research issues and topics. Students are strongly encouraged to use this time to present their research in progress and to receive feedback. We have used the sessions for presentations of completed research and also to conduct mock reviews of research proposals, review manuscripts for publication, and preview research posters.