

# BSN-PhD in Nursing Science

DOCTOR OF PHILOSOPHY IN NURSING **PhD**

# GOLDFARB

GOLDFARB SCHOOL OF NURSING AT BARNES-JEWISH COLLEGE



## Doctor of Philosophy in Nursing

Goldfarb School of Nursing at Barnes-Jewish College is excited to offer the Doctor of Philosophy in Nursing Science degree program for BSN-prepared registered nurses interested in becoming nurse scientists. Today's nurse scientists have more career opportunities than ever before and work to solve some of health care's biggest issues. With a PhD in Nursing Science, our graduates are well prepared for research positions in academia as well as in the research departments of leading health institutions and hospitals.

As a consortia program with the Graduate School at Washington University in St. Louis, students pursuing a PhD in Nursing Science have the chance to experience an interdisciplinary learning environment. This innovative partnership means that you'll have exceptional access to faculty and labs as you develop your research interests and dissertation.

Earning your PhD in Nursing Science at Goldfarb School of Nursing at Barnes-Jewish College and Washington University offers many benefits for students.

## What Makes Us Different

**FUNDING FOR ALL STUDENTS** Investing in your education means more than a world-class academic experience. Each student admitted to the PhD in Nursing Science program will be offered paid full tuition, a monthly stipend, health care benefits, and conference-related travel funds.

**INTERDISCIPLINARY FACULTY AND COURSEWORK** Through the collaboration with Washington University, you'll develop a strong background in interdisciplinary research and have access to a wide range of faculty and nurse scientists throughout your coursework.

**RIGOROUS ACADEMIC AND RESEARCH ENVIRONMENT** To develop the next generation of nurse scientists, it's important that students be immersed in both coursework and research. Our full-time, on-campus approach includes a mentored research experience in the first years of the program with the faculty and labs of both schools.

**TRAINING IN CUTTING EDGE SPECIALTIES** PhD students have the opportunity to choose a minor in either Genomics, Informatics or a customized track to ensure your education is focused on the future of health care through nursing science research.

PROGRAM LENGTH: **3 years, 4th year option** | ADMISSIONS DEADLINE: **January 10** | TERM START: **Fall**

## ADMISSIONS REQUIREMENTS

- Baccalaureate degree in Nursing or Master's degree in Nursing from a program accredited by a nationally recognized accrediting body in the U.S.
- Current and unencumbered license as a Registered Nurse in the U.S. or U.S. license eligible.
- Minimum cumulative GPA of 3.0 on a 4.0 scale in all undergraduate and graduate coursework.
- Satisfactory completion of an undergraduate or graduate statistics course.
- Three page essay clearly articulating your research interest identifying a particular nursing science problem, challenge or opportunity and how the research could enhance both nursing science and practice. Include your motivations for graduate study and a fundamental nursing question that most intrigues you highlighting potential GSON or Washington University faculty mentors, if known. Drawing on your past and planned experiences, please conclude with a statement articulating why you will be an outstanding graduate student.
- Three letters of recommendation completed by faculty and supervisors who can attest to your scholarly and research abilities or potential. It is important to choose those who know you well and can evaluate your current or prospective clinical and leadership abilities, critical thinking, and potential for successfully completing graduate school. Recommendations from friends, relatives or co-workers will not be accepted and will cause your application to be delayed or denied.
- A CV (curriculum vitae) listing quality and relevance of scholarly activities with emphasis on specific skills and competencies related to interest in nursing science and/or research in nursing; educational, leadership and professional activities, and prior work experience.
- Your research experiences should be included in the CV. Provide the mentor name, academic institution, length of project, and the approximate hours per week of effort.
- Proficiency in English is required of all applicants. Applicants whose native language is not English must demonstrate English proficiency and are required to provide an official score report from the Test of English as Foreign Language (TOEFL) or the International English Language Testing System (IELTS). Only scores from tests taken within the last two years will be accepted. The TOEFL/IELTS requirement will be waived for applicants who completed a bachelor's or master's degree from a regionally accredited university located in the United States.

**All required information must be received before an application file can be reviewed for admission.**

## TO APPLY, CONTACT:

**Rebecca Boettcher**  
**Doctoral Programs Officer**  
**Rebecca.Boettcher@BarnesJewishCollege.edu**  
**314-273-5449**

## BSN-PhD in Nursing Science – Full time Sample Plan of Study

## PRE-REQUISITE COURSEWORK

NURS 6505 – Biostatistics for Advanced Practice 3

**Plus choose 2 additional courses (6 credits) from the following course options:**

NURS 6327 – Nursing Influence in Shaping Health Policy 3

NURS 6420 – Promoting Health Equities & Population Health 3

NURS 6300 – Epidemiology 3

NURS 6500 – Leadership in Transforming Health Systems 3

NURS 6325 – Healthcare Informatics & Economics 3

## FALL, TERM 1

NrsSci 520 – Research I  
 Research Designs and Measurement for Scientific Inquiry: Quantitative Methods 3

NrsSci 530 – Mentored Research Experience I 1

M17-CLNV 522 – Biostatistics I: Introduction to Statistics for Clinical Research 3

Minor/Cognate I 3

## SPRING, TERM 2

NrsSci 521 – Research II  
 Research Designs and Measurement for Scientific Inquiry: Qualitative Methods 3

NrsSci 531 – Mentored Research Experience II 1

M17-CLNV 524 – Biostatistics II: Intermediate Statistics for the Health Sciences 3

Minor/Cognate 2 3

## SUMMER, TERM 3

NrsSci 510 – Symptom Science and Precision Health Care: Omics and Big Data 3

NrsSci 511 – Philosophical and Theoretical Underpinnings of Nursing 3

NrsSci 522 – Research III  
 Research Designs and Measurement for Scientific Inquiry: Psychometrics & Biobehavioral Measurement 3

NrsSci 532 – Mentored Research Experience III 1

## FALL, TERM 4

NrsSci 512 – Literature Critique and Synthesis 3

NrsSci 533 – Mentored Research Experience IV 1

M19-PHS 530 – Advanced Biostatistics III: Multilevel Models in Quantitative Research 3

Minor/Cognate 3 3

## SPRING, TERM 5

NrsSci 513 – Dissemination and Implementation Science 3

NrsSci 514 – Grant Writing and Scientific Review 3

NrsSci 515 – Interdisciplinary Science and The Innovative Nurse Scientist 3

NrsSci 534 – Mentored Research Experience V 1

Qualifying Exam (milestone)

## SUMMER, TERM 6

NrsSci 550 – Dissertation 3

NrsSci xxx – Independent Study (optional) 3

Dissertation Proposal (milestone)

Admission to Candidacy (milestone)

## TERMS 7 AND 8 (3 credits per term)

NrsSci 550 – Dissertation 3-3

## SUMMER, TERM 9

NrsSci 550 – Dissertation 3

Defend Dissertation (milestone)

**TOTAL (minimum) 65**

## TERMS 10, 11 AND 12 (3 credits per term)

NrsSci 550 – Dissertation 3-3-3

**TOTAL (4th year option) 74**

Note: Courses and sequencing are subject to change.

## MSN-PhD in Nursing Science

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<b>FALL, TERM 1</b>			NrsSci 511 – Philosophical and Theoretical Underpinnings of Nursing	3	NrsSci 534 - Mentored Research Experience V	1
NrsSci 520 – Research I			NrsSci 522 – Research III		Qualifying Exam (milestone)	
Research Designs and Measurement for Scientific Inquiry: Quantitative Methods	3		Research Designs and Measurement for Scientific Inquiry: Psychometrics & Biobehavioral Measurement	3	<b>SUMMER, TERM 6</b>	
NrsSci 530 – Mentored Research Experience I	1		NrsSci 532 – Mentored Research Experience III	1	NrsSci 550 – Dissertation	3
M17-CLNV 522 – Biostatistics I: Introduction to Statistics for Clinical Research	3		<b>FALL, TERM 4</b>		NrsSci xxx - Independent Study (optional)	3
Minor/Cognate I	3		NrsSci 512 – Literature Critique and Synthesis	3	Dissertation Proposal (milestone)	
<b>SPRING, TERM 2</b>			NrsSci 533 – Mentored Research Experience IV	1	Admission to Candidacy (milestone)	
NrsSci 521 – Research II			M19-PHS 530 – Advanced Biostatistics III: Multilevel Models in Quantitative Research	3	<b>TERMS 7 AND 8 (3 credits per term)</b>	
Research Designs and Measurement for Scientific Inquiry: Qualitative Methods	3		Minor/Cognate 3	3	NrsSci 550 – Dissertation	3-3
NrsSci 531 – Mentored Research Experience II	1		<b>SPRING, TERM 5</b>		<b>SUMMER, TERM 9</b>	
M17-CLNV 524 – Biostatistics II: Intermediate Statistics for the Health Sciences	3		NrsSci 513 - Dissemination and Implementation Science	3	NrsSci 550 – Dissertation	3
Minor/Cognate 2	3		NrsSci 514 - Grant Writing and Scientific Review	3	Defend Dissertation (milestone)	
<b>SUMMER, TERM 3</b>			NrsSci 515 - Interdisciplinary Science and The Innovative Nurse Scientist	3	<b>TOTAL (minimum)</b>	<b>65</b>
NrsSci 510 – Symptom Science and Precision Health Care: Omics and Big Data	3				<b>TERMS 10, 11 AND 12 (3 credits per term)</b>	
					NrsSci 550 – Dissertation	3-3-3
					<b>TOTAL (4th year option)</b>	<b>74</b>

*Note: Courses and sequencing are subject to change.*

