

CWRU/FPB North Star Award Overview



FRANCES PAYNE BOLTON
SCHOOL OF NURSING

CASE WESTERN RESERVE
UNIVERSITY

North Star Award

Case Western Reserve is a high-impact research university that aspires to be a community where humanity, science and technology meet to create a just and thriving world.

We invite scholars from our Minority Serving Institution (MSI) and Historically Black Colleges and Universities (HBCU) partners to join our graduate and professional student community in its quest toward this North Star.

Students who meet the discipline-based qualifications and matriculate from one of our partner institutions will be considered for the North Star Award. Not only are application fees waived, but selected scholars will automatically receive at least a 30% tuition award from the Office of the Provost.

In addition, selected North Star Award recipients will join a community of peers and colleagues who will support one another and grow together in their understanding and journey toward contributing to a just and thriving world.



Program Overview: MSN



Highlights

- *MSN students can blend majors or pursue joint master's degree opportunities with other schools at Case Western Reserve University.*
- *Post-Master's certificates are available for all majors and can be customized.*
- *A Flight Nursing specialty can be added to Adult Acute Care major.*

9 Majors Offered

- *Adult-Gerontology Acute Care Nurse Practitioner**
- *Adult-Gerontology Primary Care Nurse Practitioner*
- *Family Nurse Practitioner*
- *Family Systems Psychiatric Mental Health Nurse Practitioner*
- *Neonatal Nurse Practitioner**
- *Nurse Midwifery*
- *Pediatric Nurse Practitioner*
- *Pediatric Nurse Practitioner Acute Care**
- *Women's Health Nurse Practitioner*

**Requires work experience*

Joint Degree Options

- *MSN/MA in Bioethics*
- *MSN/MA in Anthropology*

Blended Majors

- *Family Nurse Practitioner/Pediatric Nurse Practitioner*
- *Family Nurse Practitioner/Women's Health Nurse Practitioner*
- *Pediatric Nurse Practitioner/Pediatric Acute Care Nurse Practitioner*

MSN Sample Curriculum

MSN majors require an average of 40 semester hours. Your individual program of study is designed to meet individual clinical interests, learning needs and career goals. There are 10 core MSN courses:

Professional Development Core (6 courses)

Course ID	Course Title	Credits
NURS 431	Psychosocial and Spiritual Dimensions of Advanced Nursing Practice	2
NURS 444A	Health Care Delivery, Legal and Ethical Issues in Advanced Practice: Ethical Issues	1
NURS 444B	Health Care Delivery, Legal and Ethical Issues in Advanced Practice: Finance	1
NURS 444C	Health Care Delivery, Legal and Ethical Issues in Advanced Practice: Policy and Legal	1
NURS 451	Leadership for Quality Healthcare within Organizations and Systems	3

Scientific Inquiry Core (3 courses)

Course ID	Course Title	Credits
NURS 405	Inquiry I Theoretical Foundations	2
NURS 425	Inquiry II The Research Process	3
NURS 502	Inquiry III Evidence Based Nursing Practice	2

Nursing Practice Core (3 courses) *

Course ID	Course Title	Credits
NURS 430	Pharmacology and Therapeutics	3
NURS 453	Advanced Pathophysiology	4
NURS 459	Integrated Assessment for Advanced Nursing Practice	3

* For Nurse Practitioner majors. Other majors differ in their major-specific core requirement.

Program Overview: MN

Designed for students with a bachelor's degree in a non-nursing discipline, the MN Program offers a rigorous, accelerated interprofessional education with on-campus classes held at the new Health Education Campus.

Highlights

- *Experience interdisciplinary teamwork and collaboration with medical, dental and physician assistant students.*
- *Complete 1,000 clinical hours in four semesters, starting the first week of class.*
- *Volunteer in the CWRU Student Run Health Clinic providing care to underserved populations.*
- *Get a head start towards Advanced Practice Nursing, with MSN coursework embedded in the program.*
- *Fulfill your clinical hours at prominent health care organizations and world-class hospitals, including University Hospitals, Cleveland Clinic and MetroHealth Medical Center.*



MN Sample Curriculum - 72 total credit hours

First Year	Units	
	Fall	Spring
Introduction to the Discipline and Practice of Nursing (NUMN 401)	6.5	
Pharmacology for the Advanced Generalist Nurse (NUMN 402)	3	
Introduction to Nursing Informatics (NUMN 403)	1	
Health Assessment for the Advanced Generalist Nurse (NUMN 410)	2.5	
Issues and Ethics in Health Care (NUMN 413)	2	
Nursing Care of Populations in Communities (NUMN 411)	3	
Pathophysiology for the Advanced Generalist Nurse (NUMN 405)		3
Nursing Care of Older Adults in Health and Illness (NUMN 406)		2.5
Acute Care Nursing of the Adult (NUMN 407)		8.5
Health Promotion Across the Life Span (NUNP 410)		2
Inquiry I - Theoretical Foundations (NURS 405)		2
Year Total:	18	18

Second Year	Units	
	Fall	Spring
Concepts in Nursing Management (NUMN 414)	2.5	
Parents and Neonates in Health and Illness (NUMN 415)	4.25	
Children and Families in Health and Illness (NUMN 416)	4.25	
Psychiatric Mental Health Nursing (NUMN 417)	4	
Inquiry II - Research Process (NURS 425)	3	
Advanced Generalist: Health Policy, Advocacy, and Economics (NUMN 409)		1.5
Intro to Critical Care Nursing (NUMN 418)		6
Psychosocial and Spiritual Dimensions of Advanced Nursing Practice (NURS 431)		2
Leadership for Quality Healthcare within Organizations and Systems (NURS 451)		3
Inquiry III Evidence-Based Practice (NURS 502)		2
Advanced Generalist Nurse Leadership (NUMN 419)		2.5
Clinical Immersion (NUMN 420)		1
Year Total:	18	18
Total Units in Sequence:		72

Program Overview: DNP

*As the innovator of the **original doctorate in nursing practice**, Case Western Reserve's Frances Payne Bolton School of Nursing is the foremost leader in DNP education.*

Highlights

- *Flexible in meeting the needs of distance education students*
- *Innovative executive format and cohort program that has partnerships with academic institutions and hospitals around the country*
- *Intensive course format allows DNP students to work full-time while they go to school.*
- *Choose one of three elective sequences that expand the focus of their leadership: practice leadership, educational leadership and executive leadership.*

Elective Sequences

Educational Leadership Elective Sequence

The Educational Leadership elective sequence prepares doctoral level nurses to influence practice through education in clinical and academic settings. These electives include concepts and research related to learning theory, curriculum development, instructional strategies, evaluation, and testing.

Practice Leadership Elective Sequence

The Practice Leadership elective sequence includes core content and models of leadership for nursing and healthcare. Students learn the skills of business planning for program development, implementation, and evaluation.

Executive Leadership Elective Sequence

The role of the system chief nurse executive (CNE) is a subspecialty of nursing leadership and requires its own set of skills and competencies. These abilities, knowledge and behaviors are acquired through experience and education. FPB's nationally ranked and innovative Doctor of Nursing Practice program is proud to offer an executive leadership track designed to develop nurse leaders who aspire to the role of System CNE.

DNP Sample Curriculum

Course ID	Course Title	Credits
NUND 450	Applied Statistics	3
NUND 504	Nursing Theory	3
NUND 506	Leadership in Organizations & Systems	3
NUND 508	Health Policy Development & Implementation	3
NUND 510	Informatics	1
NUND 540	Practice Focused Inquiry I	3
NUND 541	Practice Focused Inquiry II	3
NUND 610	Translating Evidence into Nursing Practice	3
NUND 611	Practicum	2
NUND 619	Proposal Development	2
NUND 620	Scholarly Project	3
Educational Leadership Electives		
NUND 509	Curriculum and Instruction	3
NUND 609	Theoretical Foundations of Testing & Evaluation	2
Practice Leadership Electives		
NUND 507	Management for Advance Practice	3
NUND 607	Advanced Leadership & Management	2

Program Overview: Nurse Anesthesia DNP

Nurse Anesthetists are advanced practice nurses who administer all types of anesthetic for every kind of surgery or procedure. As expert clinicians, they focus on preoperative evaluation, intraoperative management, and postoperative anesthesia care. Students work one on one with a clinical preceptor with expertise in nurse anesthesia, and take part in administering general and regional anesthesia in persons of all ages.

Highlights

Clinical courses for Nurse Anesthesia DNP students at the Frances Payne Bolton School of Nursing provide them with the opportunity to give direct patient care, participate in staff education programs, and identify clinical topics for research.

All applicants must have either two years of recent critical care experience or one year of critical care experience with specialty certification.

A critical care area is defined as one where, on a routine basis, the registered professional nurse manages one or more of the following:

- *invasive hemodynamic monitors (such as pulmonary artery catheter, CVP, arterial)*
- *cardiac assist devices*
- *mechanical ventilation*
- *vasoactive infusions*



Nurse Anesthesia DNP Program - Sample Curriculum – 71 Credit Hours *(including prerequisites)*

<i>Summer</i>			<i>Fall</i>			<i>Spring</i>		
Semester 1			Semester 2			Semester 3		
<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>
NURS 453A	Advanced Physiology & Pathophysiology I	2	NURS 453B	Advanced Physiology & Pathophysiology II	3	NURS 430	Advanced Pharmacology	3
NUAN 450	Pharmacological Strategies In Anesthesia Practice	2	NURS 459	Advanced Physical Assessment	3	NUND 504	Theories for Nursing Practice & Scholarship	3
NUAN 458	Principles of Anesthesia I	4	NUAN 459	Principles of Anesthesia II	4	NUAN 460	Advanced Principles of Anesthesia I	4
NUAN 443	Professional Role	1				NURS 553	Cultural Diversity Topics	1
Semester 4			Semester 5			Semester 6		
<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>
NUND 540	Practice-Focused Inquiry I	3	NUND 541	Practice-Focused Inquiry II	3	NUND 508	Healthcare Policy and Planning	3
NUND 610	Translating Evidence into Nursing Practice	3	NUND 506	Leadership in Organizations and Systems	3	NUND 607	Advanced Leadership and Management in Healthcare	2
NUAN 461	Advanced Principles of Anesthesia II	3	NUAN 462	Advanced Principles of Anesthesia III	3	NUND 619	Proposal Development	2
						NUAN 551A	Nurse Anesthesia - Advanced Clinical Practicum I	1
Semester 7			Semester 8			Semester 9		
<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>	<i>Course</i>	<i>Course Title</i>	<i>Credits</i>
NUND 510	Application of Health Inform. Technology and Systems	1	NUND 620	Scholarly Project	2	NURS 444A	Ethical Issues in Advanced Nursing Practice	1
NUND 620	Scholarly Project	1	NUAN 507	Nurse Anesthesia Practice Management	1	NUAN 550C	Anesthesia Seminar III	1
NUAN 550A	Anesthesia Seminar I	1	NUAN 550B	Anesthesia Seminar II	1	NUAN 551D	Nurse Anesthesia - Advanced Clinical Practicum IV	1
NUAN 551B	Nurse Anesthesia – Advanced Clinical Practicum II	1	NUAN 551C	Nurse Anesthesia – Advanced Clinical Practicum III	1			

Program Prerequisite Bridge Courses

Basic Statistics Course NUND 450 - Applied Statistics(3 credits)

Basic Chemistry/Physicscourse

Basic Writing Course

Program Overview: PhD

The PhD in nursing is a research doctorate. Students learn from the nation's top nurse scientists, working with these outstanding faculty to conduct interdisciplinary research and scholarship.

Highlights

- *Five different entry points and scheduling options:*
 - *Traditional post-Master's format*
 - *Fast-track option (post-BSN)*
 - *Dual-doctoral program (DNP/PhD)*
 - *Advanced standing for DNP graduates*
 - *Dual-degree MSN/PhD program*
- *Outstanding clinical and research affiliations with the nation's best hospitals: University Hospitals, Cleveland Clinic, VA Northeast Ohio, and MetroHealth Medical Center*
- *Opportunities to collaborate with the school's Centers of Excellence*
- *Education courses available to prepare PhD graduates to teach and mentor the next generation of nurse scientists*

Focus Areas of Research:

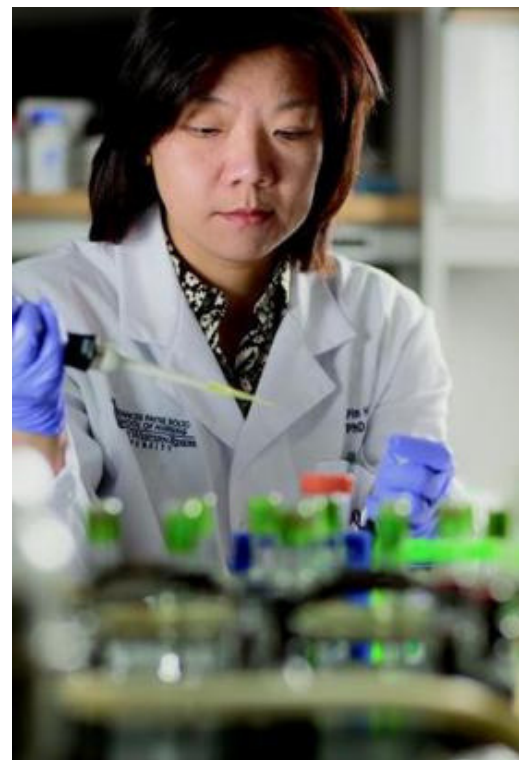
Aging Across the Lifespan

Family/Community Care

Neuroscience

Self-Management of Health and Illness

Symptom Science



PhD Sample Curriculum – Traditional Format – 57 Credits

Fall - 1st Year	Spring - 1st Year	Summer - 1st Year
NURS 504: Nursing Knowledge Development (3)	NURS 533: Data Science (3)	Research Practicum*
NURS 530: Research Methods I (3)	NURS 531: Research Methods II (3)	
NURS 532: Applied Statistics (3)**	NURS 518: Qualitative Research (3)	
Fall - 2nd Year	Spring - 2nd Year	Summer - 2nd Year
NURS 524: Genomics (3)	NURS 615: Topical Seminar or Elective (3)	NURS 671: Proposal Development (3)
NURS 615: Topical Seminar or Elective (3)	NURS 631: Multivariate Analysis (3)	
NURS 630: Linear Models (3)	NURS 609 Health Policy (3)	
Fall - 3rd Year	Spring - 3rd Year	
NURS 701: Dissertation (9)	NURS 701: Dissertation (9)	

* Research practicum hours can also be taken year-round during the first two years of course work, but must be completed before proposal development and dissertation.

** Students may take NURS 532, NURS 609 and/or NURS 615 or elective - during the summer, **if offered**, to accelerate their program of study.



The FPB Student Experience

At the Samson Pavilion of the new Health Education Campus, FPB students take advantage of cutting-edge research and practice centers.

Center for Nursing Education, Simulation, and Innovation

FPB students have the opportunity to advance their nursing skills by active participation in hands-on training sessions at the Center for Nursing Education, Simulation, and Innovation. Our teaching assistants are available by appointment to meet with you individually in order to review a particular skill; practice on SimMan, SimBaby, SimChild or cathSim; or work with our nursing software in the Bioinformatics Lab.



Dorothy Ebersbach Academic Center for Flight Nursing and Callahan Family Emergency and Critical Care Center

Combined, these centers provide specialized, high-fidelity learning opportunities in research, initial licensure and continuing education, as well as advanced simulation for the advanced nurse practitioner in ground and helicopter transport environments.





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