



Twin Cities Campus

Doctor of Nursing Practice D.N.P.

School of Nursing

School of Nursing

Link to a [list of faculty](#) for this program.

Contact Information:

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- Program Type: Doctorate
- Requirements for this program are current for Fall 2018
- Length of program in credits: 41 to 100
- This program requires summer semesters for timely completion.
- Degree: Doctor of Nursing Practice

Along with the program-specific requirements listed below, please read the [General Information](#) section of the catalog website for requirements that apply to all major fields.

The Doctor of Nursing Practice (DNP) Program is offered as the post-baccalaureate with specialty (12 specialties). The School of Nursing also offers a reduced-credit, post-master's DNP program for students who have completed a master's degree in a nursing practice specialty.

The DNP program is an innovative, practice-focused program that prepares students to be leaders in health care, develop quality improvement, and systems problem solving. It prepares nurses to create and lead new models of care delivery for communities locally, across the nation, and around the world. Students work with faculty who are leaders in their fields and on the cutting edge of nursing research and practice. These experts become mentors and guide students through the program. The unique, interdisciplinary core curriculum is divided into the following four areas.

1. DNP core - Includes science of nursing intervention, moral and ethical positions, research, statistics, program evaluation, evidence-based practice, epidemiology, informatics, leadership, health economics, health policy, and teaching and learning.
2. DNP specialty core - Prepares students for advanced clinical practice; includes physiology, pharmacology, pharmacotherapeutics, and advanced health assessment.
3. DNP specialization - Prepares graduates for certification in their chosen specialty by a national certifying body and includes:
 - a. Advanced clinical practice with specialty-specific courses for each of the areas of clinical specialization
 - b. Other specialization in public health, innovation and leadership, informatics, and integrative health and healing
4. DNP project - Completed by all students in a three-semester sequence during which the project is planned, implemented, evaluated, and disseminated

The School of Nursing and the School of Public Health offer a DNP/MPH-Public Health Practice dual degree program. This dual degree option provides students with a unique opportunity to provide advanced nursing care as leaders of inter-professional health care teams, emphasizing population-focused practice, and quality improvement to impact patient outcomes.

Accreditation

This program is accredited by Commission on Collegiate Nursing Education (CCNE).

Program Delivery

This program is available:

- primarily online (at least 80% of the instruction for the program is online with short, intensive periods of face-to-face coursework)

Prerequisites for Admission

The preferred undergraduate GPA for admittance to the program is 3.00.

The post-baccalaureate DNP specialty areas and post-master's DNP require an entry-level nursing degree (e.g. BSN, BAN, post-bacc certificate in nursing, or entry-level master of nursing).

A graduate degree is not required for admission to the post-baccalaureate DNP program.



Applicants for the post-master's DNP must hold a master's degree in a nursing practice specialty.

Other requirements to be completed before admission:

The required application process is available on the School of Nursing website at www.nursing.umn.edu. Interviews are by invitation only and are not granted to all applicants. Application deadlines for the DNP program are available on the School of Nursing website.

International applicants must submit score(s) from one of the following tests:

- TOEFL
 - Internet Based - Total Score: 95
 - Paper Based - Total Score: 586
- MELAB
 - Final score: 85

The preferred English language test is Test of English as Foreign Language

Key to [test abbreviations](#)(TOEFL, MELAB).

For an online application or for more information about graduate education admissions, see the [General Information](#) section of the catalog website.

Program Requirements

41 to 100 credits are required in the major.

This program may be completed with a minor.

Use of 4xxx courses towards program requirements is not permitted.

A minimum GPA of 3.00 is required for students to remain in good standing.

Students MUST complete coursework according to the program plan appropriate for their term of admission and year plan. Any modifications to the program plan must be approved by the Specialty Coordinator/Faculty Advisor and Doctoral Programs Coordinator.

Core Coursework

Students with a Master of Nursing (MN) degree earned prior to 2010 must take NURS 7600 for 4 credits, and complete the remaining core coursework for a total of 41 credits. Students with an MN degree earned between 2010 and 2014 must take NURS 7600 for 2 credits and complete the remaining core courses for a total of 39 credits.

- [NURS 5115](#) - Nursing Informatics and Digital Health Technologies (3.0 cr)
- [NURS 6200](#) - Theoretical and Scientific Foundations of Nursing Interventions (3.0 cr)
- [NURS 7000](#) - DNP Proseminar (1.0 cr)
- [NURS 7100](#) - Quality Improvement and Implementation Science in Health Care (3.0 cr)
- [NURS 7102](#) - Scholarly Dissemination and Advanced Professional Engagement (2.0 cr)
- [NURS 7200](#) - Economics of Health Care (3.0 cr)
- [NURS 7202](#) - Moral and Ethical Positions and Actions in Nursing (2.0 cr)
- [NURS 7300](#) - Program Planning and Evaluation (3.0 cr)
- [NURS 7400](#) - Health Policy Leadership (3.0 cr)
- [NURS 7600](#) - Nursing Research and Evidence Based Practice (4.0 cr)
- [NURS 7610](#) - Nurses Leading Change and Innovation to Transform Healthcare (3.0 cr)
- [NURS 7900](#) - Scholarly Teaching and Learning in Nursing (3.0 cr)
- [NURS 6110](#) - Epidemiology in Nursing (2.0 cr)
or [PUBH 6320](#) - Fundamentals of Epidemiology (3.0 cr)

Take 3 or more credit(s) from the following:

- [NURS 7110](#) - DNP Project Planning (1.0 cr)

Statistics

Complete at least 3 credits of graduate-level inferential statistics

- [EPSY 5261](#) - Introductory Statistical Methods (3.0 cr)
- or [PUBH 6414](#) - Biostatistical Literacy (3.0 cr)

Joint- or Dual-degree Coursework: Doctor of Nursing Practice/Master of Public Health - Public Health Practice (D.N.P./M.P.H.-Public Health Practice) Student may take a total of 14 credits in common among the academic programs.

Program Sub-plans

Students are required to complete one of the following sub-plans.

Students may complete the program with more than one sub-plan.



Adult Health/Gerontological Clinical Nurse Specialist

The DNP program with a specialty in adult health and gerontological nursing as a clinical nurse specialist prepares nurses for leadership as advanced practice nurses and clinical experts to provide advanced nursing care to adults and elders in a variety of settings. The DNP program is for students who already hold a baccalaureate degree in nursing, and involves both coursework and practicum experiences as well as a final internship where the student has the opportunity to focus on a sub-specialty area (e.g. oncology, cardiology, palliative care), if desired. Graduates work as expert clinicians and consultants in acute care settings, nursing homes, transitional care, and specialty practices. The adult health and gerontological specialty offers leadership preparation for nurses desiring expertise in the management of complex health conditions, working with nurses and interdisciplinary teams and organizations to provide care and services for adults and older adults. Students ground their studies in the science of nursing interventions, moral/ethical issues, and nursing research. Practicum experiences are arranged to meet the individual needs of students while also meeting accreditation and certification requirements. In addition to completing core studies in the specialty, students also gain skills in evidence-based practice, program evaluation, informatics, teaching/learning, health economics, health care policy, and epidemiology.

Required Specialty Coursework

Complete the following courses for at least 34 credits. 4 credits of NURS 5229 is required; 3 credits of NURS 6502 is required; 2 credits of NURS 7505 is required; 1 credit of NURS 6408 is required for this specialty.

- CSPH 5101 - Introduction to Integrative Healing Practices (3.0 cr)
- NURS 5200 - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
- NURS 5222 - Advanced Human Physiology (2.0 cr)
- NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
- NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
- NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
- NURS 6405 - Advanced Practice CNS Roles Across the Lifespan (3.0 cr)
- NURS 6406 - Advanced Practice CNS Roles Across the Lifespan: Practicum (1.0 cr)
- NURS 6407 - Advanced Nursing Care of Older Adults (3.0 cr)
- NURS 6408 - Advanced Nursing Care of Older Adults Practicum (1.0 - 2.0 cr)
- NURS 6502 - Assessment and Management of Health for Advanced Practice Nurses, II (2.0 - 3.0 cr)
- NURS 7406 - Advanced Nursing Practicum in Adult-Gerontology Health (2.0 cr)
- NURS 7505 - Assessment and Management of Health for Advanced Practice Nurses Practicum II (1.0 - 2.0 cr)
- NURS 7705 - The Adult and Gerontological Clinical Nurse Specialist in Acute Care (2.0 cr)
- NURS 7706 - Implementing the Role of the Clinical Nurse Specialist in Acute Care (1.0 cr)

Adult/Gerontological Primary Care Nurse Practitioner

The DNP program with a specialty in adult health and gerontological nursing as a nurse practitioner prepares nurses for leadership as advanced practice nurses and clinical experts to provide advanced nursing care to adults and elders in a variety of settings. This DNP program is for students who already hold a baccalaureate degree in nursing, and involves both coursework and practicum experiences, as well as a final internship where the student has the opportunity focus on a sub-specialty area (e.g. oncology, cardiology, palliative care), if desired. Graduates work in primary care/ambulatory care settings, hospitals, group practices of advanced practice gerontological nurses that manage care of adults and older adults in nursing homes, transitional care settings, assisted living, and specialty practices.

The adult health and gerontological specialty offers leadership preparation for nurses desiring expertise in advanced nursing assessment and management for health promotion and disease prevention, management of complex health conditions, and working with interdisciplinary teams to provide care and services for persons ranging from adolescents, adults, and older adults. Practicum experiences are arranged to meet the individual needs of students while also meeting accreditation and certification requirements.

Required Specialty Coursework

Complete the following courses for 34 credits. Specialty requirements for Variable credit course: NURS 5229 = 4 credits; NURS 6305 = 2 credits; NURS 7504 = 1 credit; NURS 7505 = 1 credit; NURS 6502 = 3 credits; NURS 6408 = 2 credits

- CSPH 5101 - Introduction to Integrative Healing Practices (3.0 cr)
- NURS 5200 - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
- NURS 5222 - Advanced Human Physiology (2.0 cr)
- NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
- NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
- NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
- NURS 6305 - Reproductive and Sexual Health Care (3.0 cr)
- NURS 6307 - Assessment and Management of Health for APNs Practicum III (1.0 cr)
- NURS 6407 - Advanced Nursing Care of Older Adults (3.0 cr)
- NURS 6408 - Advanced Nursing Care of Older Adults Practicum (1.0 - 2.0 cr)
- NURS 6501 - Assessment and Management of Health for Advanced Practice Nurses, I (3.0 cr)
- NURS 7406 - Advanced Nursing Practicum in Adult-Gerontology Health (2.0 cr)
- NURS 7504 - Assessment and Management of Health for Advanced Practice Nurses, Practicum I (1.0 - 2.0 cr)
- NURS 7505 - Assessment and Management of Health for Advanced Practice Nurses Practicum II (1.0 - 2.0 cr)
- NURS 6502 - Assessment and Management of Health for Advanced Practice Nurses, II (2.0 - 3.0 cr)



Women's Healthcare Nurse Practitioner or (NP)

The DNP program with a specialty in women's health prepares nurses for leadership as advanced practice nurses. This DNP program is for students who hold a baccalaureate degree in nursing, and involves both coursework and clinical practicum experience with an internship in the final semester.

Clinical experience is offered in primary care, women's health, and specialty practice areas, such as oncology and reproductive endocrinology. Students ground their studies in the science of nursing intervention, moral/ethical issues, and nursing research. They then focus on courses that examine the basis of assessment and intervention for adolescent and adult populations with an emphasis on adolescent and adult women. Practicum experiences are arranged to meet the individual needs of students while also meeting accreditation and certification requirements. In addition to completing core studies in the specialty, students also gain skills in evidence-based practice, program evaluation, informatics, teaching/learning, health economics, health care policy, and epidemiology. A final project that is a systematic investigation of a practice problem is planned, implemented, and completed during the curriculum.

Required Specialty Coursework

Complete the following courses for at least 36 credits. Courses with Variable credit requirements for this specialty: NURS 5229 = 3 credits; NURS 6305 = 3 credits; NURS 6925 = 3 credits.

- CSPH 5101 - Introduction to Integrative Healing Practices (3.0 cr)
- NURS 5200 - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
- NURS 5222 - Advanced Human Physiology (2.0 cr)
- NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
- NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
- NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
- NURS 6213 - Reproductive Healthcare for Patients with Complex Conditions (2.0 cr)
- NURS 6214 - Reproductive Health Care for Patients with Complex Conditions Practicum (2.0 cr)
- NURS 6305 - Reproductive and Sexual Health Care (3.0 cr)
- NURS 6306 - Reproductive and Sexual Health Practicum (1.0 cr)
- NURS 6501 - Assessment and Management of Health for Advanced Practice Nurses, I (3.0 cr)
- NURS 6925 - Advanced Concepts in Reproductive and Sexual Health Care (2.0 - 3.0 cr)
- NURS 6926 - Advanced Concepts in Women's Health for WHNP Practicum I (1.0 cr)
- NURS 6927 - Advanced Concepts in Women's Health II (3.0 cr)
- NURS 6928 - Adv Concepts in Women's Health II WHNP Prac (1.0 cr)
- NURS 7310 - WHNP Clinical and Professional Integration (2.0 cr)

Nurse Anesthesia

This sub-plan is optional and does not fulfill the sub-plan requirement for this program.

The nurse anesthesia area of study prepares registered nurses to become Certified Registered Nurse Anesthetists (CRNAs) who are prepared for nurse anesthesia practice at the highest level. Graduates will possess expertise in general and regional anesthesia techniques and will be prepared to provide leadership in the practice setting. The nurse anesthesia area of study is fully accredited by the Council on Accreditation of Nurse Anesthesia Education Programs. In January of 2009, the University of Minnesota Nurse Anesthesia Area of Study received the maximum 10-year accreditation approval from the Council on Accreditation of Nurse Anesthesia Educational Programs. The program was the first nurse anesthesia program in the US to be accredited to offer the entry-level DNP.

With the Minneapolis VA Medical Center serving as the primary clinical site for the program, the University of Minnesota nurse anesthesia students rotate to several urban and rural clinical sites, which offer a broad spectrum of practice experiences. Some of the clinical sites are required, and some are optional. All required clinical sites are within daily driving distance of the campus.

Nurse anesthesia students complete the requirements for the DNP degree, as well as the requirements to take the National Certification Exam for nurse anesthetists.

Required Specialty Coursework

Complete the following courses for at least 59 credits.

- NURS 5222 - Advanced Human Physiology (2.0 cr)
- NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
- NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
- NURS 5230 - Pharmacotherapeutics for Nurse Anesthesia II (4.0 cr)
- NURS 6895 - Adult Acute Care Holistic Health Assessment and Wellness (2.0 cr)
- NURS 6900 - Introduction to Principles of Anesthesia (4.0 cr)
- NURS 6901 - Basic Nurse Anesthesia Principles (3.0 cr)
- NURS 6902 - Nurse Anesthesia Care: Cardiothoracic and Vascular Diseases (2.0 cr)
- NURS 6903 - Nurse Anesthesia Care: Special Populations Across the Lifespan (2.0 cr)
- NURS 6910 - Nurse Anesthesia Clinical Integration (3.0 cr)
- NURS 6911 - Basic Nurse Anesthesia Principles Practicum I (2.0 cr)
- NURS 6912 - Nurse Anesthesia Care: Cardiothoracic and Vascular Disease Practicum III (3.0 cr)
- NURS 6913 - Nurse Anesthesia Care of the Special Population and Across the Lifespan Practicum IV (4.0 cr)
- NURS 6914 - Basic Nurse Anesthesia Principles Practicum II (3.0 cr)



[NURS 7004](#) - Advanced Nurse Anesthesia Practicum V (5.0 cr)
[NURS 7005](#) - Advanced Nurse Anesthesia Practicum VI (5.0 cr)
[NURS 7006](#) - Advanced Nurse Anesthesia Practicum VII (5.0 cr)
[PHSL 5115](#) - Clinical Physiology I (3.0 cr)
[PHSL 5116](#) - Clinical Physiology II (3.0 cr)

Family Nurse Practitioner

The DNP program with a specialty in the family nurse practitioner (FNP) area of study prepares nurses for leadership as advanced practice nurses. The three-year DNP program is for students who already hold a baccalaureate degree in nursing, and involves both coursework and clinical practicums.

The FNP area of study offers leadership preparation for nurses desiring expertise in the scope of practice and in the role of the family nurse practitioner. Students ground their studies in the science of nursing intervention, moral/ethical issues, and nursing research. They then focus on courses that examine the basis of assessment and intervention for families and individuals of all ages. Practicum experiences are arranged to meet the individual needs of students while also meeting accreditation and certification requirements. In addition to completing core studies in the specialty, students also gain skills in evidence-based practice, program evaluation, informatics, teaching/learning, health economics, health care policy, and epidemiology. A final project that is a systematic investigation of a practice problem is planned, implemented, and completed during the curriculum.

Where applicable, completion of required FNP coursework and practice hours provides eligibility to sit for the FNP Certification through the American Nurses Credentialing Center.

Required Specialty Coursework

Completion of the courses for 39 credits is required for this specialty. Specialty Credit requirements for courses with variable credits:

NURS 5229 = 4 credits; NURS 6305 = 3 credits; NURS 6502 = 3 credits; NURS 7504 = 1 credit; NURS 7505 = 1 credit

[CSPH 5101](#) - Introduction to Integrative Healing Practices (3.0 cr)
[NURS 5200](#) - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
[NURS 5222](#) - Advanced Human Physiology (2.0 cr)
[NURS 5226](#) - Advanced Human Pathophysiology (2.0 cr)
[NURS 5228](#) - Pharmacology for Advanced Practice Nursing (2.0 cr)
[NURS 5229](#) - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
[NURS 6102](#) - Family Health Theory (2.0 cr)
[NURS 6305](#) - Reproductive and Sexual Health Care (3.0 cr)
[NURS 6501](#) - Assessment and Management of Health for Advanced Practice Nurses, I (3.0 cr)
[NURS 6502](#) - Assessment and Management of Health for Advanced Practice Nurses, II (2.0 - 3.0 cr)
[NURS 7501](#) - Health Care of Children for the Family Nurse Practitioner Practicum (1.0 cr)
[NURS 7503](#) - Reproductive Health Care of Women Practicum for Family Nurse Practitioners (1.0 cr)
[NURS 7504](#) - Assessment and Management of Health for Advanced Practice Nurses, Practicum I (1.0 - 2.0 cr)
[NURS 7505](#) - Assessment and Management of Health for Advanced Practice Nurses Practicum II (1.0 - 2.0 cr)
[NURS 7506](#) - Family Practice Practicum III: Assessment and Management of Health for the Family Nurse Practitioner (1.0 cr)
[NURS 7507](#) - Assessment and Management of Health Practicum IV: Health Leadership for Family Nurse Prac (1.0 cr)
[NURS 7508](#) - Health Care of the Elderly for the Family Nurse Practitioner Practicum (1.0 cr)
[NURS 7509](#) - Assessment and Management of Health Practicum VI: Primary Care for the Family Nurse Practitioner (1.0 cr)
[NURS 7515](#) - Health Care of Children for the Family Nurse Practitioner: Well Child Care (1.0 cr)
[NURS 7516](#) - Health Care of Children for the Family Nurse Practitioner: Acute and Chronic Management (2.0 cr)
[NURS 7518](#) - Health Care of the Elder Patient for the Family Nurse Practitioner (1.0 cr)

Health Innovation and Leadership

Health care is delivered today in diverse settings, by an expanding workforce and with extraordinary opportunities for nurses to lead, whether through formal leadership positions or through personal advocacy, in traditional settings, or in emerging sites. This requires an individual who can think broadly and embrace a global perspective; who embraces diversity in all its forms, including diversity of thought; who is curious and never satisfied with the status quo; who stimulates new ways of thinking and solutions which open up possibilities for action; who bases action on informed practice gained from multiple ways of knowing; who engages in critical thinking, and learns from other thought leaders; who inspires and creates needed change within a particular environment; who can work effectively with a variety of individuals and within disparate groups; and who can create healing environments within which others can do their best work.

The DNP, with a focus on health innovation and leadership, prepares nurses to function effectively as leaders in traditional and contemporary settings. The goal is to prepare a leader who can work well in the current environment while promoting change and improvement. Students in the program utilize a combination of learning strategies, readings, reflections, and independent learning experiences. Seminars will enable students and faculty to discuss relevant issues and share expertise.

Students must complete the required specialty courses for 32 credits and at least 5 credits of electives to achieve 37 graduate level credits to complete the specialty. Credit requirements for this specialty for courses with variable credits: NURS 6704 = 1 credit; NURS 6706 = 2 credits; NURS 7605 = 2 credits. Students choose 5 credits of elective graduate level coursework in consultation with their faculty advisor.



Required Coursework

Completion of the following courses for at least 37 credits.

- CSPH 5711 - Optimal Healing Environments (3.0 cr)
- NURS 6600 - Health Systems and Care Models (3.0 cr)
- NURS 6702 - Nursing Leadership Seminar: Introduction to Innovation and Leadership (3.0 cr)
- NURS 6703 - Nursing Leadership Seminar: Organizational Culture and Leadership (2.0 cr)
- NURS 6704 - Nursing Leadership Practicum: Organizational Culture and Leadership (1.0 - 2.0 cr)
- NURS 6705 - Nursing Leadership Seminar: Quality and Change Management (2.0 cr)
- NURS 6706 - Nursing Leadership Practicum: Quality and Change Management (1.0 - 2.0 cr)
- NURS 6707 - Health Care Design and Innovation Practicum (2.0 cr)
- NURS 7604 - Executive Leadership Seminar: Boundary Spanning Leadership (2.0 cr)
- NURS 7605 - Executive Leadership Practicum: Boundary Spanning Leadership (1.0 - 2.0 cr)
- NURS 7606 - Relationship-Based Leadership and Management (3.0 cr)
- NURS 7608 - Health Care Finance and Resource Management (3.0 cr)
- HUMF 5874 - Human Centered Design to Improve Complex Systems (4.0 cr)

Specialty Electives

Choose 5 credits of elective coursework in collaboration with faculty advisor. Additional selections permitted with approval from the faculty advisor.

Take 5 or more credit(s) from the following:

- CSPH 5118 - Whole Person, Whole Community: The Reciprocity of Wellbeing (3.0 cr)
- NURS 5812 - Global Health Through Study Abroad (1.0 - 2.0 cr)
- GCC 5031 - The Global Climate Challenge: Creating an Empowered Movement for Change [CIV] (3.0 cr)
- CSPH 5805 - Wellbeing in the Workplace (3.0 cr)
- CSPH 5806 - Wellbeing and Resiliency for Health Professionals (1.0 cr)
- CSPH 5807 - Mindfulness in the Workplace: Pause, Practice, Perform (2.0 cr)
- CSPH 5115 - Cultural Awareness, Knowledge and Health (3.0 cr)
- PUBH 6170 - Introduction to Occupational Health and Safety (3.0 cr)
- PUBH 6100 - Topics: Environmental Health (1.0 - 4.0 cr)

Nursing Informatics

The nursing informatics (NI) specialty area prepares graduates with knowledge and skills necessary for leadership roles in health and nursing informatics to address the issues for consumers, clinical providers, and public health for processing and managing information through the use of various technologies. A wide array of courses throughout the University of Minnesota accompany nursing offerings, which offers students the opportunity to strengthen their disciplinary and interdisciplinary expertise.

With increasing demand for computerizing health information, graduates of the nursing informatics specialty are well positioned to assume leadership roles in nursing and health informatics field. The NI area of study provides knowledge and scholarship complemented by clinical experiences in the following areas:

Systems analysis and design
Knowledge representation and interoperability
Clinical decision support and evidence-based practice
Human factors and usability
Leadership and health informatics
Consumer, clinical provider, and population health informatics
Health policy leadership
Development and project management of health informatics projects
Program evaluation
Organization and administration of health services
Ethical foundations of nursing
Applied research

Required Specialty Coursework

Complete the following courses and at least 26 credits:

- CSPH 5711 - Optimal Healing Environments (3.0 cr)
- HINF 5510 - Applied Health Care Databases: Database Principles and Data Evaluation (3.0 cr)
- NURS 5116 - Consumer Health Informatics (2.0 cr)
- NURS 5117 - Consumer Health Informatics Practicum (2.0 cr)
- NURS 6105 - Systems Analysis and Design (3.0 cr)
- NURS 7105 - Knowledge Representation and Interoperability (2.0 cr)
- NURS 7106 - Knowledge Representation and Interoperability Practicum (2.0 cr)
- NURS 7108 - Population Health Informatics (2.0 cr)
- NURS 7109 - Population Health Informatics Practicum (2.0 cr)
- NURS 7113 - Clinical Decision Support: Theory (2.0 cr)
- NURS 7114 - Clinical Decision Support Practicum (2.0 cr)



[NURS 7118](#) - Human Factors and Human-Computer Interaction in Health Informatics (3.0 cr)

Integrative Health and Healing

The integrative health and healing specialty area prepares graduates with skills necessary for working with individuals, families, communities and health systems in developing holistic approaches to health promotion, disease prevention, and chronic disease management, with a special emphasis on managing lifestyle changes and incorporating the use of complementary therapies. Graduates are prepared to work in diverse settings including hospitals, outpatient settings, health plans, corporate and community organizations, and in private practice. A wide array of courses are available which offer students the opportunity to strengthen their disciplinary and interdisciplinary expertise. Through a collaboration with the Center for Spirituality and Healing, students can opt to concurrently earn a graduate certificate in integrative therapies and healing practices, including a focus in health coaching.

The integrative health and healing area of study provides a foundation of knowledge and practical experiences in the following areas:

Optimal healing environments
Botanical medicine
Clinical aromatherapy
Mind/body healing
Functional nutrition
Energy healing
Health coaching
Self-care
Advanced integrative health and healing skills and program planning
Applied research

Students choosing to complete coursework part-time are well accommodated by the curriculum.

Completion of 40 graduate level credits is required for the specialty - 38 credits of required coursework and 2 credits of elective coursework.

Required Specialty Coursework

Complete the following courses for at least 38 credits.

- [CSPH 5101](#) - Introduction to Integrative Healing Practices (3.0 cr)
- [CSPH 5226](#) - Advanced Meditation: Body, Brain, Mind, and Universe (1.0 cr)
- [CSPH 5313](#) - Acupressure (1.0 cr)
- [CSPH 5423](#) - Botanical Medicines: Foundations and Practical Applications (1.0 cr)
- [CSPH 5431](#) - Functional Nutrition: An Expanded View of Nutrition, Chronic Disease, and Optimal Health (2.0 cr)
- [CSPH 5503](#) - Aromatherapy Fundamentals (1.0 cr)
- [CSPH 5535](#) - Reiki Healing (1.0 cr)
- [CSPH 5536](#) - Advanced Reiki Healing: Level II (1.0 cr)
- [CSPH 5631](#) - Healing Imagery I (2.0 cr)
- [CSPH 5701](#) - Health Coaching Fundamentals I (3.0 cr)
- [CSPH 5711](#) - Optimal Healing Environments (3.0 cr)
- [NURS 5200](#) - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
- [NURS 5222](#) - Advanced Human Physiology (2.0 cr)
- [NURS 5226](#) - Advanced Human Pathophysiology (2.0 cr)
- [NURS 5228](#) - Pharmacology for Advanced Practice Nursing (2.0 cr)
- [NURS 7209](#) - Integrative Nursing I (1.0 cr)
- [NURS 7210](#) - Integrative Nursing Practicum I (1.0 cr)
- [NURS 7211](#) - Integrative Nursing Didactic II (1.0 cr)
- [NURS 7212](#) - Integrative Nursing Practicum II (2.0 cr)
- [NURS 7214](#) - Integrative Health and Healing III (1.0 cr)
- [NURS 7215](#) - Integrative Health and Healing Practicum III (2.0 cr)

Complete one of the following course options

- [CSPH 5102](#) - Personal Wellbeing: The Journey of Self-Care (1.0 cr)
- or [CSPH 5806](#) - Wellbeing and Resiliency for Health Professionals (1.0 cr)

Specialty Electives

Additional course options may be available with faculty advisor approval.

Take 2 or more credit(s) from the following:

- [CSPH 5000](#) - Explorations in Integrative Therapies and Healing Practices (1.0 - 4.0 cr)
- [CSPH 5111](#) - Ways of Thinking about Health (2.0 cr)
- [CSPH 5115](#) - Cultural Awareness, Knowledge and Health (3.0 cr)
- [CSPH 5121](#) - Planetary Health & Global Climate Change: A Whole Systems Healing Approach (2.0 cr)
- [CSPH 5201](#) - Spirituality and Resilience (2.0 cr)
- [CSPH 5211](#) (~~Inactive~~)(2.0 - 3.0 cr)
- [CSPH 5212](#) - Peacebuilding Through Mindfulness: Transformative Dialogue in the Global Community (3.0 cr)
- [CSPH 5215](#) - Forgiveness and Healing: A Journey Toward Wholeness (3.0 cr)
- [CSPH 5225](#) - Meditation: Integrating Body and Mind (2.0 cr)



- CSPH 5311 *{Inactive}*(2.0 cr)
- CSPH 5315 - Traditional Tibetan Medicine: Ethics, Spirituality, and Healing (2.0 cr)
- CSPH 5317 - Yoga: Ethics, Spirituality, and Healing (2.0 cr)
- CSPH 5318 - Tibetan Medicine, Ayurveda, and Yoga in India (4.0 cr)
- CSPH 5319 - Yoga and Ayurveda in India (4.0 cr)
- CSPH 5331 - Foundations of Shamanism and Shamanic Healing (2.0 cr)
- CSPH 5332 *{Inactive}*(2.0 cr)
- CSPH 5343 - Ayurveda Medicine: The Science of Self-healing (2.0 cr)
- CSPH 5401 - People, Plants, and Drugs: Introduction to Ethnopharmacology (3.0 cr)
- CSPH 5423 - Botanical Medicines: Foundations and Practical Applications (1.0 cr)
- CSPH 5511 *{Inactive}*(2.0 cr)
- CSPH 5512 *{Inactive}*(2.0 cr)
- CSPH 5521 - Therapeutic Landscapes (3.0 cr)
- CSPH 5522 - Therapeutic Horticulture (3.0 cr)
- CSPH 5523 *{Inactive}*(2.0 cr)
- CSPH 5533 *{Inactive}*(2.0 cr)
- CSPH 5541 - Emotional Healing and Happiness: Eastern and Western Approaches to Transforming the Mind (2.0 cr)
- CSPH 5555 - Introduction to Body and Movement-based Therapies (2.0 cr)
- CSPH 5561 - Overview of the Creative Arts in Health and Healing (2.0 cr)
- CSPH 5601 - Music, Health and Healing (2.0 cr)
- CSPH 5605 *{Inactive}*(2.0 cr)
- CSPH 5641 - Animals in Health Care: The Healing Dimensions of Human/Animal Relationships (3.0 cr)
- CSPH 5642 - Nature Heals: An Introduction to Nature-Based Therapeutics (3.0 cr)
- CSPH 5643 - Horse as Teacher: Introduction to Equine-Assisted Services (EAS) (3.0 cr)
- CSPH 5805 - Wellbeing in the Workplace (3.0 cr)
- CSPH 6000 *{Inactive}*(1.0 - 4.0 cr)
- CSPH 8101 *{Inactive}*(2.0 cr)
- CSPH 8191 - Independent Study in Integrative Therapies and Healing Practices (1.0 - 6.0 cr)

Nurse Midwifery

This program combines academic preparation with clinical skills for the independent management of health care of women and newborns. Further, students receive additional academic preparation in health care policy, economics, evidence-based practice, evaluation and informatics, and complete a systems change project while in the program. DNP midwifery graduates will be prepared to more quickly fulfill leadership roles in the health care setting.

Courses are offered in a web-based format, with multi-day, on-campus seminars approximately two to three times per semester, in Minneapolis. By taking the courses in a web-based or online format, students may complete the midwifery program without having to relocate. Trips to campus to interact with faculty and other students allow for development of a professional learning community and enhance professional socialization. Midwifery clinical sites are used in or near a student's home community if available. Travel may be necessary depending on available midwifery practice locations. The online program is primarily geared to students in the five-state Upper Midwest region of Minnesota, Iowa, South Dakota, North Dakota, and Wisconsin. For more information about online learning, please visit Online Learning Opportunities.

Nurse-midwives assist women and families to promote and maintain health, and to facilitate optimal individual and family integrity in the context of culture and community.

Completion of the following courses and at least 38 credits is required. NURS 5505 is required for students without labor and delivery experience as a Registered Nurse. Specialty credit requirements for courses with variable credits: NURS 5229 = 3 credits; NURS 6305 = 3 credits; NURS 6925 = 2 credits; NURS 6308 = 2 credits

Required Specialty Coursework

Complete the following courses for at least 38 credits.

- CSPH 5101 - Introduction to Integrative Healing Practices (3.0 cr)
- NURS 5200 - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
- NURS 5222 - Advanced Human Physiology (2.0 cr)
- NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
- NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
- NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
- NURS 6210 - Midwifery Care of the Childbearing Family (3.0 cr)
- NURS 6211 - Midwifery Care of the Childbearing Family Practicum (2.0 cr)
- NURS 6213 - Reproductive Healthcare for Patients with Complex Conditions (2.0 cr)
- NURS 6214 - Reproductive Health Care for Patients with Complex Conditions Practicum (2.0 cr)
- NURS 6305 - Reproductive and Sexual Health Care (3.0 cr)
- NURS 6306 - Reproductive and Sexual Health Practicum (1.0 cr)
- NURS 6308 - Women's Primary Care Practicum (1.0 - 2.0 cr)
- NURS 6501 - Assessment and Management of Health for Advanced Practice Nurses, I (3.0 cr)



[NURS 6925](#) - Advanced Concepts in Reproductive and Sexual Health Care (2.0 - 3.0 cr)

[NURS 7213](#) - Midwifery Clinical and Professional Integration (3.0 cr)

Labor and Delivery Experience

Students are required to complete NURS 5505 if they do not have labor and delivery experience as Registered Nurse

[NURS 5505](#) - Assessment and Support of Individuals in Labor (1.0 cr)

Pediatric Clinical Nurse Specialist

Students who pursue the pediatric clinical nurse specialist (PCNS) specialty area take core courses in nursing theory, moral/ethical issues, and research. They acquire skills in health assessment, intervention, and evaluation. They examine the care of children and families with special health care needs. They focus on planning and implementing programs to improve quality of care for children with chronic and complex illnesses. As the population of children with special health care needs continues to increase, there is likely to be a greater demand for clinical experts and leaders in pediatric nursing. The PCNS area of study is supported by the Center for Children with Special Health Care Needs.

PCNS coursework includes supervised clinical experiences. Efforts are made to provide students with clinical settings within their geographical area. Clinical courses are directed by certified faculty and supervised by clinical nurse specialist preceptors. The PCNS area of study can be completed in a two-year (full-time) or three-year (part-time) sequence.

PCNSs work in collaboration with health care teams in a variety of settings to facilitate quality care for children across the continuum of care settings. They function as clinical experts in the planning, implementation, and evaluation of patient care standards. They provide direct care, oversee staff, patient and family education, participate in clinical research, and develop programs specific to the needs of children.

Required Specialty Coursework

Completion of the courses for 37 credits. Specialty credit requirements for courses with variable credits: NURs 5229 = 3 credits; NURS 6921 = 1 credit

[CSPH 5101](#) - Introduction to Integrative Healing Practices (3.0 cr)

[NURS 5200](#) - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)

[NURS 5222](#) - Advanced Human Physiology (2.0 cr)

[NURS 5226](#) - Advanced Human Pathophysiology (2.0 cr)

[NURS 5228](#) - Pharmacology for Advanced Practice Nursing (2.0 cr)

[NURS 5229](#) - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)

[NURS 6102](#) - Family Health Theory (2.0 cr)

[NURS 6405](#) - Advanced Practice CNS Roles Across the Lifespan (3.0 cr)

[NURS 6406](#) - Advanced Practice CNS Roles Across the Lifespan: Practicum (1.0 cr)

[NURS 6920](#) - Primary Care: Assessment of Health and Care of Well Children (3.0 cr)

[NURS 6921](#) - Assessment of Health and Care of Well Children: Primary Care Practicum (1.0 - 2.0 cr)

[NURS 6924](#) - Assessment and Interventions for Children and Youth With Special Health Care Needs (2.0 cr)

[NURS 6929](#) - Advanced Nursing Care of Children with Acute Illness; Practicum for PCNS (2.0 cr)

[NURS 7925](#) - Advanced Practice Care and Leadership in Health Systems for Complex Pediatric Practice Practicum (3.0 cr)

[NURS 7926](#) - Advanced practice care and leadership in health systems for complex pediatric practice (2.0 cr)

[NURS 7927](#) ~~(Inactive)~~ (1.0 cr)

[OLPD 5356](#) - Disability Policy and Services (3.0 cr)

Primary Care Pediatric Nurse Practitioner

The pediatric nurse practitioner (PNP) area of study incorporates theory and clinical courses to prepare students to provide comprehensive care to children and their families. Most students elect to complete the children with special health care needs (CSHCN) leadership track by taking additional courses which are supported by the Center for Children with Special Health Care Needs.

Coursework includes nursing theory, moral/ethical issues, research, child assessment, management of childhood illnesses, and health policy. Courses are taught by faculty from the School of Nursing, School of Public Health, the Institute of Child Development, Family Social Science, the Medical School, and the Institute of Community Integration in the College of Education.

Supervised clinical experience is incorporated in the program. Efforts are made to meet students' individual goals and to provide experiences in their geographic area. Clinical experiences are available in interdisciplinary settings such as primary care, home care, schools, specialty clinics, community agencies, the legislature, and the Minnesota Department of Health.

At the completion of the program, students are eligible to take the Pediatric Nurse Practitioner certification examinations offered by the American Nurses Credentialing Center or the National Certification Board of Pediatric Nurse Practitioners and Nurses. Students in the CSHCN track are eligible for certification from the Institute on Community Integration.

Required Specialty Coursework

Completion of the following courses for at least 37 credits is required. Specialty credit requirements for variable credit courses: NURS 5229 = 3 credits; NURS 6921 = 2 credits

[CSPH 5101](#) - Introduction to Integrative Healing Practices (3.0 cr)

[NURS 5200](#) - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)



NURS 5222 - Advanced Human Physiology (2.0 cr)
NURS 5226 - Advanced Human Pathophysiology (2.0 cr)
NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
NURS 6102 - Family Health Theory (2.0 cr)
NURS 6920 - Primary Care: Assessment of Health and Care of Well Children (3.0 cr)
NURS 6921 - Assessment of Health and Care of Well Children: Primary Care Practicum (1.0 - 2.0 cr)
NURS 6922 - Primary Care: Assessment and Management of Common Conditions Affecting Children (3.0 cr)
NURS 6923 - Primary Care Practicum: Assessment and Management of Common Conditions Affecting Children (2.0 cr)
NURS 6924 - Assessment and Interventions for Children and Youth With Special Health Care Needs (2.0 cr)
NURS 7925 - Advanced Practice Care and Leadership in Health Systems for Complex Pediatric Practice Practicum (3.0 cr)
NURS 7926 - Advanced practice care and leadership in health systems for complex pediatric practice (2.0 cr)
NURS 7927 *(Inactive)*(1.0 cr)
OLPD 5356 - Disability Policy and Services (3.0 cr)

Psychiatric-Mental Health Nurse Practitioner

Graduate studies in psychiatric-mental health nursing prepare nurses to assume clinical nurse specialist roles with an emphasis on providing direct patient care to persons with major mental disorders and their families. Coursework focuses on the development of advanced practice nursing knowledge and skills required to provide both psychotherapeutic and biological interventions for the management of acute and chronic psychiatric symptoms with a variety of patients in diverse settings. Coursework integrates extant theories and research in the study of advanced health assessment, psychopathology assessment, psychopharmacology, and individual family and group therapy within various community and institutional systems.

Clinical emphasis is on secondary and tertiary psychiatric interventions and outcomes within a managed care context. Students are clinically precepted by certified psychiatric-mental health clinical nurse specialists. Clinical experiences are available in outpatient clinics, community mental health centers, hospitals, schools, and home care agencies. Full-time or part-time students may enroll in the area of study. Current psychiatric nursing experience is strongly encouraged.

Graduates will be academically prepared to take the American Nurses Credentialing Center (ANCC) certification examination for certified specialists in psychiatric-mental health nursing, after obtaining additional required post-master's clinical hours and supervision.

Completion of 39 credits is required for the specialty - 36 credits of required specialty coursework and 3 credits of complimentary alternative medicine elective coursework.

Required Specialty Coursework

Completion of the following courses for at least 36 credits. Specialty requirements for courses with variable credits: NURS 5229 = 2 credits

CSPH 5101 - Introduction to Integrative Healing Practices (3.0 cr)
NURS 5200 - Advanced Holistic Health Assessment for the Advanced Practice Nurse (3.0 cr)
NURS 5222 - Advanced Human Physiology (2.0 cr)
NURS 5225 - Psychopharmacology Advanced Practice Psychiatric/Mental Health Nursing (3.0 cr)
NURS 5228 - Pharmacology for Advanced Practice Nursing (2.0 cr)
NURS 5229 - Clinical Pharmacotherapeutics (3.0 - 4.0 cr)
NURS 6102 - Family Health Theory (2.0 cr)
NURS 6504 - Assessing, Managing Psychiatric Disorders in Adv Practice Psychiatric-Mental Health Nursing (2.0 cr)
NURS 6505 - PMH/APN Prac II: Assessing, Managing Psychiatric Disorders in Adv Prac Psychiatric-Mental Health Nurs (2.0 cr)
NURS 6602 - PMH Advanced Practice Nursing: Group as a Health Care Intervention (2.0 cr)
NURS 6603 - PMH APN Practicum IV: Group as a Health Care Intervention (2.0 cr)
NURS 6604 - Foundations for Integrative Mental Health and Psychiatric Advanced Practice Nursing (2.0 cr)
NURS 6605 - Psychiatric/Mental Health Advanced Nursing Practice Practicum I (1.0 cr)
NURS 6802 - Psychiatric/Mental Health Advance Practice Nursing: Psychotherapy with Individuals and Families (2.0 cr)
NURS 6803 - Psychiatric/Mental Health Adv Prac Nurs Practicum III: Psychotherapy With Individuals, Families (1.0 cr)
NURS 7612 - Psychiatric/Mental Health Advanced Practice Nursing: Professional Seminar (1.0 cr)
NURS 7613 - Psychiatric/Mental Health Advanced Practice Nursing: Practicum V (2.0 cr)
NURS 5226 - Advanced Human Pathophysiology (2.0 cr)

Complimentary Alternative Medicine Electives

Elective coursework is required and chosen in consultation with faculty advisors. Additional options may be permitted with faculty advisor approval.

Take 3 or more credit(s) from the following:

- CSPH 5102 - Personal Wellbeing: The Journey of Self-Care (1.0 cr)
- CSPH 5111 - Ways of Thinking about Health (2.0 cr)
- CSPH 5115 - Cultural Awareness, Knowledge and Health (3.0 cr)
- CSPH 5311 *(Inactive)*(2.0 cr)
- CSPH 5315 - Traditional Tibetan Medicine: Ethics, Spirituality, and Healing (2.0 cr)
- CSPH 5317 - Yoga: Ethics, Spirituality, and Healing (2.0 cr)
- CSPH 5313 - Acupressure (1.0 cr)



- CSPH 5331 - Foundations of Shamanism and Shamanic Healing (2.0 cr)
- CSPH 5401 - People, Plants, and Drugs: Introduction to Ethnopharmacology (3.0 cr)
- CSPH 5421 - Botanical Medicines in Integrative Healthcare (3.0 cr)
- CSPH 5431 - Functional Nutrition: An Expanded View of Nutrition, Chronic Disease, and Optimal Health (2.0 cr)
- CSPH 5503 - Aromatherapy Fundamentals (1.0 cr)
- CSPH 5523 (*Inactive*)(2.0 cr)
- CSPH 5535 - Reiki Healing (1.0 cr)
- CSPH 5536 - Advanced Reiki Healing: Level II (1.0 cr)
- CSPH 5555 - Introduction to Body and Movement-based Therapies (2.0 cr)
- CSPH 5631 - Healing Imagery I (2.0 cr)
- CSPH 5641 - Animals in Health Care: The Healing Dimensions of Human/Animal Relationships (3.0 cr)
- CSPH 5121 - Planetary Health & Global Climate Change: A Whole Systems Healing Approach (2.0 cr)
- CSPH 5201 - Spirituality and Resilience (2.0 cr)
- CSPH 5318 - Tibetan Medicine, Ayurveda, and Yoga in India (4.0 cr)
- CSPH 5343 - Ayurveda Medicine: The Science of Self-healing (2.0 cr)
- CSPH 5341 - Overview of Indigenous Hawaiian Healing (2.0 cr)
- CSPH 5423 - Botanical Medicines: Foundations and Practical Applications (1.0 cr)
- CSPH 5642 - Nature Heals: An Introduction to Nature-Based Therapeutics (3.0 cr)
- CSPH 5708 - Mind-Body Science and Trauma-Informed Mental Health (3.0 cr)
- CSPH 5805 - Wellbeing in the Workplace (3.0 cr)
- CSPH 5806 - Wellbeing and Resiliency for Health Professionals (1.0 cr)
- CSPH 5807 - Mindfulness in the Workplace: Pause, Practice, Perform (2.0 cr)
- CSPH 5905 - Food Matters: Cook Like Your Life Depends On It (1.0 cr)

Post-Master's D.N.P.

The post-master's option is for individuals who already hold a master's degree in a nursing practice specialty and who have nursing specialty preparation. The DNP program prepares nurses for leadership as advanced practice nurses, clinical experts, health care executives, policy experts, and informaticians.

Post-master's DNP students complete the core DNP requirements and any additional coursework needed to achieve the 1000 hour practicum requirement. Consult with the DNP program for more information.

Preceptor Supervisor Practicum Hours

Students completing the Post-Master's DNP must complete 1000 supervised hours of practicum. Upon admission, the total hours completed through the master's degree is documented and a gap analysis identifies whether additional practicum hours are needed. The number of credits of appropriate systems-level practicum coursework necessary to meet the 1000-hour requirement, if any, will be determined in consultation with the faculty advisor.

Practicum Course Options

Courses are chosen in consultation with the faculty advisor. Additional options are permitted with advisor approval.

Take 0 or more credit(s) from the following:

- NURS 5117 - Consumer Health Informatics Practicum (2.0 cr)
- NURS 6704 - Nursing Leadership Practicum: Organizational Culture and Leadership (1.0 - 2.0 cr)
- NURS 6706 - Nursing Leadership Practicum: Quality and Change Management (1.0 - 2.0 cr)
- NURS 7106 - Knowledge Representation and Interoperability Practicum (2.0 cr)
- NURS 7109 - Population Health Informatics Practicum (2.0 cr)
- NURS 7401 - Health Policy Leadership Practicum (0.5 - 1.0 cr)
- NURS 7605 - Executive Leadership Practicum: Boundary Spanning Leadership (1.0 - 2.0 cr)
- NURS 7904 - Nursing Education Practicum (2.0 cr)
- NURS 7113 - Clinical Decision Support: Theory (2.0 cr)
- NURS 5812 - Global Health Through Study Abroad (1.0 - 2.0 cr)