School of Nursing

School of Nursing Graduate Program Leadership
Karen S. Neill, Ph.D., R.N., SANE-A, DF-JAFN; Associate Dean and Director
Susan S. Tavernier, Ph.D., APRN-CNS, AOCN®; Director of Graduate Studies
Kristy Crownhart, DNP, FNP-C, APRN; DNP Program Coordinator

School of Nursing Graduate Faculty
Michelle Anderson, DNP, APRN, FNP-BC, FAANP; Clinical Assistant Professor
Cathy Arvidson, Ph.D., FNP-BC, APRN, FAANP; Associate Professor
Toni Christopherson, Ed.D., MSN, RN, CNS, CPN; Clinical Assistant Professor
Gina Clarkson, Ph.D., APRN, NNP-BC; Assistant Professor
Kristy Crownhart, DNP, FNP-C, APRN; Clinical Assistant Professor
Vernon Kubiak, DNP, PMHNP-BC, CNS, CNP, RN; Clinical Assistant Professor
Karen Neill, Ph.D., RN, SANE-A, DF-JAFN; Professor
Mary Nies, Ph.D., RN, FAAN, FAANP; Professor
Omatayo Omatowa, Ph.D., MPA, MA, MSN, RN; Clinical Assistant Professor
Susan S. Tavernier, Ph.D., APRN-CNS, AOCN®; Associate Professor
Melody Weaver, Ph.D., ACHPN, APRN, FNP-BC; Clinical Assistant Professor

Mission
The School of Nursing (SON) Mission is to prepare caring, exemplary nurse leaders who integrate education, service, and scholarship, through practice and research, to enhance the quality of life for rural and diverse populations.

Vision
The SON Vision is to be a distinguished School of Nursing committed to being as humanistic and compassionate as we are scientific and innovative.

Graduate Programs
Graduate degree programs offered by the School of Nursing include:

Doctor of Philosophy in Nursing (Ph.D.)
The Doctor of Philosophy in Nursing (Ph.D.) at ISU prepares the student to conduct scientific research and participate actively in lifelong scholarship, leadership, and education.

Doctor of Nursing Practice (D.N.P.)
The Doctor of Nursing Practice (D.N.P.) program options include: Family Nurse Practitioner (FNP) and Psychiatric Mental Health Nurse Practitioner (PMHNP). The School of Nursing also offers a Post-Master's DNP degree for students holding certification as an FNP or PMHNP. The primary goal of the DNP degree program options is to prepare experts in advanced nursing practice in specialized areas with an emphasis on innovation and evidence-based applications to improve healthcare outcomes. The graduate will demonstrate competence in evaluating clinical outcomes, identify and manage health care needs of individuals, families, and populations, use technology and information to transform health care systems, and participate in interprofessional collaboration to develop effective models of health care delivery.

FNP to PMHNP Certificate
The Psychiatric Mental Health Nurse Practitioner (PMHNP) Certificate program prepares the licensed Family Nurse Practitioner to integrate and assume psychiatric and mental health evidence-based care into existing FNP practice for individuals, families, and communities to improve outcomes.

Master of Science in Nursing Education (M.S.)
The Master of Science in Nursing Education option will prepare the graduate with advanced knowledge in nursing education and leadership to facilitate knowledge development, integration, and evaluation to improve health outcomes. The primary goal of the Master of Science in Nursing Education program is to prepare experts in nursing education principles and practices with an emphasis on leadership, innovation, and evidence-based applications.

Accreditation
The Baccalaureate, Master’s, and Doctor of Nursing Practice degree programs and the PMHNP Certificate program in the School of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington DC 20001.

School of Nursing Fees
The School of Nursing charges a student professional fee each semester of enrollment including summer session in any degree granting nursing program. Other fees may apply. Please see ISU School of Nursing website at http://www.isu.edu/nursing/ for further information.

Doctor of Philosophy (Ph.D.) in Nursing
The Doctor of Philosophy in Nursing degree program in the School of Nursing (SON) at ISU prepares the student to conduct scientific research and participate actively in lifelong scholarship, leadership, and education. The research emphasis is dedicated to extending the knowledge base of nursing and improving the delivery of health care for rural and vulnerable individuals, families, and communities within existing cultural, geographical, and health care contexts. An interprofessional research focus provides an opportunity for students to advance science collaborating with other professionals in identifying research opportunities, recognition of the contribution of other disciplines to the improvement of health status, open channels of communication, and prepare graduates for leading change and advancing health and health care systems.

The ISU SON enrolls students interested in improving health status in rural and other vulnerable populations and overcoming fragmented health care systems, practices, and beliefs. The future of nursing practice requires advances in theory and research to address highly complex problems through innovative solutions. The Ph.D. program prepares graduates to be full partners in health care provision and design for improving health and health care globally.

Ph.D. Degree Program Outcomes
Each student will complete a core curriculum and work closely with faculty to complete an individualized course of study that fulfills the student’s goals and develops the foundation for a program of research using online technologies integrating an interprofessional approach to communicate scientific knowledge through mentorship, collaboration, and dissemination.

- Create original research that contributes to scientific nursing knowledge
- Contribute to the development of methodologies congruent with the broad concerns of the nursing discipline

Ph.D. Degree Program Outcomes
Each student will complete a core curriculum and work closely with faculty to complete an individualized course of study that fulfills the student’s goals and develops the foundation for a program of research using online technologies integrating an interprofessional approach to communicate scientific knowledge through mentorship, collaboration, and dissemination.

- Create original research that contributes to scientific nursing knowledge
- Contribute to the development of methodologies congruent with the broad concerns of the nursing discipline
• Contribute to the discovery, application, and integration of nursing and interprofessional knowledge and leadership.

Admission Requirements

The student must apply to and meet all requirements for admission and application to the ISU Graduate School. Meeting minimum requirements does not guarantee admission to the program. The SON Ph.D. Admissions committee will make the final recommendation regarding admission. This decision will be based on evaluation of established application and admission requirements. In addition to the general requirements of the Graduate School, the following are required:

1. Application through the ISU Graduate School website with payment of appropriate fees.
2. Earned Bachelor of Science (BS in Nursing or BSN) from program accredited by the Commission on Collegiate Nursing Education (CCNE) or other nationally recognized accrediting body for nursing education. A master's degree in nursing from an accredited program will be considered.
3. Cumulative GPA of 3.5 or higher from a Bachelor of Science in Nursing (B.S. or B.S.N.) program of study or 3.5 or higher GPA based on previous 60 credits of most recently completed degree. If a post-master's applicant, the GPA is calculated based upon all master's coursework and BSN until 60 credits are reached.
4. Three professional references attesting to the applicant's capacity and potential for doctoral study using the form provided on the application site. At least one reference should be from an academic source and one from a professional source.
5. Verification of valid and current unencumbered Registered Nursing license.
6. Completion of a preadmission interview by the School of Nursing Ph.D. Admissions committee. If the applicant resides at a distance over 100 miles, an interview by video conference may be arranged. Being interviewed is not a guarantee of admission; the results of the interview may exclude an applicant from acceptance, despite meeting other qualification criteria.
7. Mandatory attendance at the orientation for the Ph.D. program to be held on the ISU campus in August of the year of admission.

Application Requirements:

The student must apply and meet all requirements for admission to the Graduate School. In addition to the general requirements of the Graduate School, the following are required:

1. Submission of official transcripts to the Graduate School from each institution at which they have taken any postsecondary work. Evidence of a completed BS in Nursing or BSN from an accredited nursing program must be listed in official transcripts.
2. Submission of a professional essay (3-4 pages, see application in CollegeNet for essay instructions).
3. Submission of a writing sample (professional paper).
4. Three professional references attesting to the applicant's capacity and potential for doctoral study using the form provided on the application site. At least one reference should be from an academic source and one from a professional source.
5. Submission of a professional vitae or resume.

Selection Schedule for Ph.D. Program

Application for the Ph.D. program will open in September of any academic year. Preference will be given to applications submitted by December 1 of any year. Applications are accepted on a rolling basis until the class is filled. All application and admission requirements as posted on the website for the Ph.D.

Dissertation Preparation and Advancement to Candidacy

Comprehensive Examination

The student must complete designated required and elective courses in order to complete the comprehensive qualifying examination requirements. If the student fails any component of the comprehensive examination, the student may retake the examination one time within established ISU and SON guidelines, policies, and procedures.

Admission to Candidacy

Each student who has successfully completed the written comprehensive examination components may apply for degree candidacy.

Dissertation

Once the student has been admitted to degree candidacy, the student enrolls in NURS 8890 Dissertation for completion of the dissertation until completed.

Continuous Enrollment

Students must maintain continuous enrollment in NURS 8890 while in the process of research and writing the dissertation. The student must maintain continuous enrollment as outlined in the Graduate School policy.

The SON website and SON Ph.D. Student Handbook provide further information about the Ph.D. program.

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<td>Theoretical and Conceptual Analysis in Nursing Science</td>
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<td>Qualitative Inquiry and Analysis</td>
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<td>Statistical Methods in Health Research I</td>
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<td>NURS 8816</td>
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<td>Ethics in Nursing Research</td>
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<td>Research and Grant Writing</td>
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<td>NURS 8826</td>
<td>Approaches to Scholarly Writing</td>
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<td>Current Trends in Research Design and Methods</td>
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<td>Leadership and Health Policy</td>
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### Curriculum for the Full-Time Bachelor of Science in Nursing to Ph.D. in Nursing Program

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| Comprehensive Examinations | 5    | 5       |        |         |         |         |

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**Total Credits: 59**

### Curriculum for the Part-Time Bachelor of Science in Nursing to Ph.D. in Nursing Program

**First Year**

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**Second Year**

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**Total Credits: 59**

### Doctor of Nursing Practice (DNP)

The primary goal of the DNP degree program is to prepare clinical leaders who can effectively evaluate clinical outcomes, identify and manage health care needs of individuals, families, and populations, use technology and information to transform health care systems, and participate in interprofessional collaboration to develop efficient and effective models of health care delivery. The graduate of the DNP degree program options of Family Nurse Practitioner (FNP) or Psych-Mental Health Nurse Practitioner (PMHNP) is eligible to sit for the certification examination for the specific option.

The DNP degree program options are delivered online. The DNP degree program will enroll students on full-time, part-time, or post-master’s status. Admission to any option on full-time, part-time, or post-master’s status is contingent on sufficient enrollment as defined by the SON. Two specific options are open for enrollment in the DNP degree program. These options include the FNP and PMHNP.

In order to be eligible for the Post-Master’s DNP degree program, the applicant must hold national certification as a Family Nurse Practitioner (FNP) or...
Psychiatric Mental Health Nurse Practitioner (PMHNP) with entry specific to the certification held at time of application.

**Option Descriptions for the DNP degree program:**

**Family Nurse Practitioner (FNP):**
The Family Nurse Practitioner (FNP) is prepared to be a leader in primary care combining the roles of provider, mentor, educator, and administrator. The FNP is prepared to practice autonomously and in collaboration with other healthcare professionals to provide evidence-based care to individuals, families, and populations across the lifespan in a variety of settings.

**Psychiatric Mental Health Nurse Practitioner (PMHNP):**
The Psychiatric Mental Health Nurse Practitioner is prepared to provide psychiatric mental health care along the wellness-illness continuum, effectively evaluate clinical outcomes, and identify and manage primary and acute mental psychiatric mental health care along the wellness-illness continuum, effectively evaluate clinical outcomes, and identify and manage primary and acute mental health needs of individuals with extension of expertise to families and communities.

**DNP Degree Program Outcomes**
1. Assume interprofessional leadership to advance clinical practice and health care delivery to rural and diverse populations.
2. Integrate nursing science into evidence-based care for individuals, families, and communities to improve outcomes.
3. Incorporate practice initiatives to improve systems of health care delivery.
4. Advocate policy for health care.

**Admission Requirements**
The student must apply to and meet all requirements for admission and application to the ISU Graduate School. In addition to the general requirements of the Graduate School, the following are required:

1. Earned Bachelor of Science (BS in Nursing or BSN) from program accredited by the Commission on Collegiate Nursing Education (CCNE) or other nationally recognized accrediting body for nursing education. A master's degree in nursing from an accredited program will be considered.
2. Cumulative GPA of 3.0 or higher from a Bachelor of Science in Nursing (B.S. or B.S.N.) program of study or 3.0 or higher GPA based on previous 60 credits of most recently completed degree. **POST-MASTER’S APPLICANTS ONLY:** If a post-masters’ applicant, the GPA is calculated based upon all master's coursework and BSN until 60 credits are reached.
3. English Proficiency Exams: The School of Nursing DNP program adheres to the ISU Graduate College requirements for those students who have not completed an accredited college or university in the United States (at the undergraduate and/or graduate level) and whose native language is not English.
4. Completed application by established deadline.
5. Verification of valid and current unencumbered Registered Nursing license.
6. Completion of a preadmission interview by the SON DNP Admissions committee. If the applicant resides at a distance over 100 miles, an interview by video conference may be arranged. Being interviewed is not a guarantee of admission; the results of the interview may exclude an applicant from acceptance, despite meeting other qualification criteria.
7. Mandatory attendance at the orientation for the DNP program to be held on the ISU Pocatello campus in August of the year of admission.

Two years of documented previous healthcare or nursing experience before admission is preferred.

The SON DNP Admissions committee will make the final recommendation regarding admission. This decision will be based on evaluation of established application and admission requirements.

Admission to the FNP or PMHNP DNP degree option is contingent on sufficient enrollment as defined by the SON.

**Application Requirements**
The student must apply to and meet all requirements for admission to the Graduate School. In addition to the general requirements of the Graduate School, the following is required:
1. Application through the ISU Graduate School website with payment of appropriate fees.
2. Submission directly to the Graduate School of official transcripts of all degrees including the completion of the Bachelor of Science in Nursing (BSN or BS in Nursing) from an accredited nursing program. Official transcripts must be sent directly to the Graduate School from the Registrar's Office of the applicant's previous institution(s) of study.
3. Submission of professional essay (3-4 pages, see application in CollegeNet for essay instructions).
4. Three professional references attesting to the applicant’s capacity for doctoral study. All forms are sent through the ISU Graduate School application system.
5. Submission of professional vitae or resume through the ISU Graduate School application system.
6. **POST-MASTER’S APPLICANTS ONLY:** The post-master's applicants must provide proof of certification in the option (FNP or PMHNP) for which the application is submitted.
7. **POST-MASTER’S APPLICANTS ONLY:** The post-master's applicant must submit at the time of application an official letter that documents the total number of clinical hours completed in the previous advanced practice program in nursing from which the student graduated. An official transcript that documents the total number of clinical hours completed in the previous advanced practice program will be accepted.

**Selection Schedule for DNP Degree Program**
Application for the DNP degree program will open in September of any academic year. Preference will be given to full-time applicants submitted by December 1 of any year. Applications to the post-master's options (FNP and PMHNP) are welcomed and reviewed independently. Admission to the FNP or PMHNP DNP program is contingent on sufficient enrollment as defined by the School of Nursing. Applications are accepted on a rolling basis until the class is filled. All application and admission requirements as posted on the website for the DNP degree program apply. Notification of applicants selected for admission and alternates begin in April of any year.

**Graduation Criteria**
1. Successful completion of a DNP Project based on established guidelines.
2. Pass an oral defense of the DNP Project as a final component of the comprehensive examination.
3. Meet all requirements established by ISU, the Graduate School, and the School of Nursing for graduation with the DNP degree.

**DNP Project**
The DNP Project includes synthesis of scientific evidence and theoretical principles within a practice environment(s) to improve healthcare outcomes. The DNP Project involves the incorporation of knowledge of current and emerging
healthcare technologies to improve care delivery and organizational systems for groups and populations. Requires a minimum of six credit hours.

**Continuous Enrollment**

Students must maintain continuous enrollment in NURS 7790 while in the process of completing the DNP Project. The student must maintain continuous enrollment until graduation as outlined in the Graduate School policy. The SON website and DNP Student Handbook provide further information on the DNP degree program.

**DNP Degree Programs of Study**

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<td>Genetics for Health Care Professionals</td>
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<td>NURS 6600</td>
<td>Theoretical Foundations for Nursing Practice</td>
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<td>NURS 6610</td>
<td>Advanced Evidence Application</td>
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<td>Advanced Health Assessment Lab</td>
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<td>Health Promotion for Advanced Practice Nurses</td>
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<td>Informational Technology in Health Care</td>
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**Total Hours** 50

**Full-Time Curriculum for the DNP Degree**

**Family Nurse Practitioner [FNP] Option**

**Bachelors in Nursing (BS or BSN) to DNP Degree**

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**Second Year**

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**Total Credits: 78**

**DNP-Psychiatric Mental Health Nurse Practitioner (PMHNP)**

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Post-Master's in Nursing DNP Degree Program

Note: Applicant must hold certification as an FNP or PMHNP in order to be eligible for the Post-Master's DNP degree program. See School of Nursing website for further details at www.isu.edu/nursing (http://www.isu.edu/nursing/).

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Total Credits: 29

FNP to PMHNP Certificate Program

The FNP to PMHNP Certificate program is designed to extend the licensure and expertise of licensed FNP’s. Students completing the certificate program meet requirements to take the PMHNP board certification exam.

Psychiatric Mental Health Nurse Practitioner (PMHNP)

The Psychiatric Mental Health Nurse Practitioner is prepared to provide psychiatric mental health care along the wellness-illness continuum, effectively evaluate clinical outcomes, identify and manage primary and acute mental health care needs of individuals with extension of expertise to families and communities.

FNP to PMHNP Certificate Program Outcomes

1. Assume interprofessional PMHNP clinical practice and health care delivery to rural and diverse populations.
2. Integrate psychiatric and mental health evidence-based care into existing FNP practice for individuals, families, and communities to improve outcomes.

Admission Requirements

The student must apply to and meet all requirements for admission and application to the ISU Graduate School. In addition to the general requirements of the Graduate School, the following are required:

1. Current and unencumbered FNP license
2. Current national FNP certification
3. Two years experience as an FNP
4. Minimum of a Master’s degree in Nursing
5. FNP program (Master’s or doctoral) transcripts reflecting GPA of 3.0 or higher

**Application requirements**

The student must apply to and meet all requirements for admission to the Graduate School. In addition to the general requirements of the Graduate School, the following is required:

1. Application through the ISU Graduate School website with payment of appropriate fees.
2. Submission directly to the Graduate School of official transcripts of all degrees including the completion of the Master of Science in Nursing (MSN or MS) from an accredited nursing program. Official transcripts must be sent directly to the Graduate School from the Registrar’s office of the applicant’s previous institution(s) of study.
3. Submission of professional essay (See application in CollegeNet for essay instructions).
4. Three professional references attesting to the applicant’s FNP clinical competence. All forms are sent through the ISU Graduate School application system.
5. Submission of professional vitae or resume through the ISU Graduate School application system.
6. POST-MASTER’S CERTIFICATE APPLICANTS ONLY: The Post Master’s applicants must provide proof of certification as an FNP.

**Selection Schedule for the PMHNP Certificate Program**

Application for the FNP to PMHNP certificate program will open in September of any academic year. Preference will be given to applicants submitted by December 1 of any year. Admission is contingent on sufficient enrollment as defined by the School of Nursing. Applications are accepted on a rolling basis until the class is filled. All application and admission requirements as posted on the website for the FNP to PMHNP certificate program apply. Notification of applicants selected for admission and alternates will begin in April of any year.

**Progression of Graduate Students**

Progression criteria established by the SON and Graduate School. Each SON graduate program or option has specific progression requirements established within the SON. These policies are made available in specific program option Student Handbooks provided upon admission. Students are admitted and enter into an established curricular plan of study and must maintain that plan of study in order to progress.

**Certificate Completion Criteria**

To qualify for receiving the PMHNP Certificate from the School of Nursing, the student must:

Meet all requirements established by ISU, the Graduate School, and the School of Nursing specific to the program in which the student is enrolled.

**First Year**

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Total Credits: 23

**Master of Science in Nursing**

The Master of Science in Nursing (M.S.) program is offered online and requires 43 credits. A full-time or part-time program is available in the Nursing Education option at the discretion of the SON. Delivery of a master’s degree program option in any academic year is based on number of total applicants and ability to establish a full cohort at the time of the admission process as determined by SON.

**M.S., Nursing Education Option Program Outcomes**

Bachelor of Science (BS) to Master of Science (MS). Students enrolled in the Nursing Education option will be prepared to:

1. Use an evidence based approach that critically applies evidence and integrates theory and research findings to enhance nursing practice.
2. Assume a leadership role in managing human, fiscal, and physical health care resources demonstrating application of health care policy, organization, and financing of healthcare.
3. Understand principles, personal values and beliefs that provide a framework for nursing practice.
4. Analyze systems of health care and determine how the values underpinning them influence care delivered.
5. Understand the nursing profession, advanced nursing roles, the requirements for, and regulation of these roles, and integrate the advanced nursing role into the graduate’s professional practice.
6. Understand, appreciate and value diversity in health and illness and assure the delivery of appropriate patient-centered care.
7. Partner with individuals, groups and communities to achieve and maintain an optimal level of health through an interdisciplinary process.

**Admission Requirements**

The student must apply to and meet all requirements for admission to the Graduate School. In addition to the general requirements of the Graduate School, the following is required:

1. Earned Bachelor of Science (BS in Nursing or BSN) from a program accredited by the Commission on Collegiate Nursing Education (CCNE) or other nationally recognized accrediting body for nursing education.
2. Cumulative GPA of 3.0 or higher from a Bachelor of Science in Nursing (B.S. or B.S.N.) program of study or 3.0 or higher GPA based on previous 60 credits of most recently completed degree.
3. English Proficiency Exams: The SON MS program adheres to the ISU Graduate School policy for those students who have not graduated from an accredited college or university in the United States (at the undergraduate and/or graduate level) and whose native language is not English.
4. Completed application by established deadline.
5. Evidence of completing a descriptive or inferential statistics course with a grade of C or higher within 5 years prior to the start of the academic year.
6. Specific coursework (NURS 6650 and NURS 6630) to complete credit hours in the SON.
7. FNP program (Master’s or doctoral) transcripts reflecting GPA of 3.0 or higher.
of admission to the program or concurrent with first semester courses in the program.
6. Verification of valid and current unencumbered Registered Nursing license.
7. Mandatory attendance at the orientation for the MS in Nursing program to be held on the ISU Pocatello campus in August of the year of admission. 
Admission to the education option is dependent on a full cohort as determined by the School of Nursing.

Application Requirements
Application for the Master of Science degree options opens in September of any academic year. Preference will be given to applications submitted by December 1 of any year. Notification of successful applicants for admission and alternates will begin in late April of any year.

The student must apply to and meet all requirements for admission to the Graduate School. In addition to the general requirements of the Graduate School, the following is required:
1. Application through the ISU Graduate School website with payment of appropriate fees.
2. Submission of official transcripts of all degrees including completion of the Bachelor of Science in Nursing (BSN or BS in Nursing) degree from an accredited nursing program. Official transcripts must be sent directly to the Graduate School from the Registrar’s Office of the applicant’s previous institution(s) of study.
3. Submission of a professional essay (2-3 pages) through the ISU Graduate School application system. See CollegeNet application site for further information.
4. Three professional reference forms attesting to the applicant’s capacity and potential for master’s study. (It is recommended two references be from academic sources and one from a recent employer.) All forms are sent through the ISU Graduate School application system.
5. Submission of professional vitae or resume.

The SON Graduate Admission Committee will make the final recommendation regarding admissions. This decision will be based on evaluation of established admission and application requirements for any program.

Individuals who do not meet these admissions requirements may be considered for admission as a nonclassified student with program restrictions until all requirements are met or candidate is evaluated for progress based on established SON guidelines, policies, and/or procedures.

Master of Science (MS) Nursing Education Option

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<td>Health Care of Rural Communities</td>
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<td>Health Assessment</td>
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NURS 6640 Evaluation Issues and Strategies in Nursing Education 3
NURS 6647L Advanced Practicum in Nursing Education 6
NURS 6655 Advanced Leadership 3
Total Option Credits (One 3 credit elective required) 43

Progression of Graduate Students
Progression criteria established by the SON and Graduate School. Each degree program or option has specific progression requirements established within the SON. These policies are made available in specific program option Student Handbooks provided upon admission. Students are admitted and entered into an established curricular plan of study and must maintain that plan of study in order to progress.

Graduation Criteria
To qualify for graduation with a graduate degree (MS, DNP, or Ph.D.) from the School of Nursing, the student must:
1. Pass a comprehensive examination process or equivalent as established by the School of Nursing for any degree program.
2. Meet all requirements established by ISU, the Graduate School, and the School of Nursing specific to the degree program in which the student is enrolled.

Courses
NURS 5517 Interdisciplinary Evaluation Team: 1 semester hour.
NURS 5580 Genetics for Health Care Professionals: 2 semester hours.
An in-depth interdisciplinary review of the impact of genetics on patients and patient care and the biological, social, ethical and legal issues surrounding genetics and genomics. Specific, evaluated graduate-level activities and/or performances are identified in the course syllabus. Equivalent to CSD 5580.
NURS 5599 Experimental Course: 1-6 semester hours.
The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.
NURS 6600 Theoretical Foundations for Nursing Practice: 3 semester hours.
Critical examination of the development of nursing knowledge critique, evaluate and apply a variety of theories from nursing, family and related disciplines as a base for advanced nursing practice.
NURS 6602 Health Policy: 3 semester hours.
Analysis of policy research relevant to health care. Evaluate effects of local, regional, national, and international health policy and trends on delivery systems and care of rural and diverse populations. PREREQ: NURS 6600.
NURS 6610 Advanced Evidence Application: 3 semester hours.
Analysis of current evidence for application to nursing practice. Includes question formulation, comprehensive review of evidence related to clinical issues, evidence appraisal, and application for research-informed practice. PREREQ: NURS 6600.
NURS 6611 Advanced Health Assessment: 3 semester hours.
NURS 6611L Advanced Health Assessment Lab: 2-3 semester hours.
Acquisition and application of advanced health assessment, skills in diverse populations. Skills include health history, physical assessment and health promotion. Graded S/U. COREQ: NURS 6611.

NURS 6612 Health Care of Rural Communities: 2 semester hours.
Explores rural culture using theories, frameworks and methodologies from various disciplines. Focus on culturally responsive care systems at the community level. Rural life analyzed to identify factors related to health systems and health care practice needs. PREREQ: NURS 6610.

NURS 6613 Health Assessment: 2 semester hours.
Concepts of health assessment for practice in various settings and with diverse populations. COREQ: NURS 6613L.

NURS 6613L Health Assessment Lab: 1 semester hour.

NURS 6620 Advanced Human Pathophysiology: 3 semester hours.
The focus of this course is the pathophysiologic changes at the molecular, cellular, and systemic levels in humans. The content focuses on alterations in cell, tissue, organ, and systemic function and the manifestations of pathophysiological processes by using selected disease states through the lifespan. Students will examine the relationship between normal physiology and pathological phenomena using current evidence.

NURS 6621 Advanced Nursing Roles: 2 semester hours.
An in-depth exploration of advanced nursing management of direct patient care, integrating economic, quality, administrative, policy, and inter-professional considerations. The course examines the interface of advanced nursing practice, management and academia in the care of individuals, families and populations.

NURS 6630 Neurobiology of Mental Disorders: 2 semester hours.
This course will build upon the nurse's fundamental knowledge of physiology and pathophysiology to detail the neurobiology of mental health disorders.

NURS 6633 Rethinking Nursing Education: 3 semester hours.
This course explores the integration of advanced nursing practice principles with theoretical perspectives of teaching and learning and their influence on the care of patients and families in a variety of settings.

NURS 6635 Curriculum Issues and Development: 3 semester hours.
Examination of various external and internal issues influencing nursing curriculum. Curriculum components and designs will be explored and a model curriculum developed. PREREQ: NURS 6633.

NURS 6636 Special Problems: 1-3 semester hours.
Independent study under faculty guidance. 1-3 credits. May be repeated up to 6 credits. PREREQ: Permission of instructor.

NURS 6639 Teaching and Learning Strategies in Nursing Education: 3 semester hours.
Exploration of a variety of strategies to facilitate achievement of curriculum outcomes. The use of current technology and learner-centered strategies are emphasized. PREREQ: NURS 6633.

NURS 6640 Evaluation Issues and Strategies in Nursing Education: 3 semester hours.
Examination of issues surrounding program and student evaluation. Plans for formative and summative evaluation will be developed. PREREQ: NURS 6633.

NURS 6642 Primary Care of the Young Adult: 3 semester hours.
Management and evaluation of primary care problems in the young adult. Provides the student with knowledge to assist individuals with common health problems, while integrating the concepts of health promotion. COREQ: NURS 6642L. PREREQ: NURS 6611, NURS 6611L, and PHAR 6645.

NURS 6642L Primary Care of the Young Adult Lab: 2-3 semester hours.
Delivery of advanced nursing care to young adults and their families. Clinical application of theoretical knowledge with ongoing refinement of essential skills used by nurse practitioners in primary health care. Identification and management of a broad range of common health problems including health promotion in various clinical settings. Graded S/U. COREQ: NURS 6642. PREREQ: NURS 6611, NURS 6611L, and PHAR 6645.

NURS 6643 Primary Care of the Child and Adolescent: 3 semester hours.
Management and evaluation of primary care problems of children, adolescents and their families in a variety of ambulatory settings. The initiation of health promotion and health maintenance activities is stressed. COREQ: NURS 6643L. PREREQ: NURS 6642 and NURS 6642L.

NURS 6643L Primary Care of the Child and Adolescent Lab: 2 semester hours.
Delivery of advanced nursing care to children and adolescents and their families. Clinical application of theoretical knowledge with ongoing refinement of essential skills used by nurse practitioners in primary health care. Identification and management of a broad range of common health problems including health promotion in various clinical settings. Graded S/U. COREQ: NURS 6643. PREREQ: NURS 6642 and NURS 6642L.

NURS 6644 Primary Care of the Middle and Older Adult: 3 semester hours.
Management and evaluation of primary care problems of middle and older adults, including acute episodic and chronic illnesses. The initiation of health promotion and maintenance activities is stressed. COREQ: NURS 6644L. PREREQ: NURS 6642 and NURS 6642L.

NURS 6644L Primary Care of the Middle and Older Adult: 2 semester hours.
Delivery of advanced nursing care to middle and older adults and their families. Clinical application of theoretical knowledge with ongoing refinement of essential skills used by nurse practitioners in primary health care. Identification and management of a broad range of common health problems including health promotion in various clinical settings. Graded S/U. COREQ: NURS 6644. PREREQ: NURS 6642 and NURS 6642L.

NURS 6647L Advanced Practicum in Nursing Education: 3-6 semester hours.
Delivery of advanced nursing patient care in a range of clinical practice settings. Experiences will synthesize and apply program course knowledge in the coordination and provision of direct care in an area of clinical practice, demonstrating achievement of program outcomes. Graded S/U. PREREQ: NURS 6633, NURS 6613, and NURS 6613L.

NURS 6650 Psychopharmacology: 3 semester hours.
This course explores advanced psychopharmacology concepts, theories and issues building on the FNP knowledge of general pharmacology with an emphasis on the neurophysiological basis of psychiatric/mental health problems. Emphasis is on the application of neuroscientific, neurological and genetic knowledge to psychopharmacological treatment strategies and their modifications to improve client care.

NURS 6655 Advanced Leadership: 3 semester hours.
Examination of nursing leadership in the advanced nursing role in the complex health care system. Application of leadership principles and practices for improving health care systems at the local, regional, and global level.

NURS 6679 Experimental Course: 1-6 semester hours.
The content of this course is not described in the catalog. Title and number of credits are announced in the Class Schedule. Experimental courses may be offered no more than three times with the same title and content. May be repeated.

NURS 7720 Professional Issues of the DNP: 3 semester hours.
Introduction to DNP-related professional issues including DNP background, APRN role development, and interprofessional practice. Exploration of current and emerging healthcare issues.
NURS 7723 Health Promotion for Advanced Practice Nurses: 3 semester hours.
Critical examination and implementation of therapeutic interventions employed in disease prevention and health maintenance, protection, promotion, and restoration across age and culture in various populations, with focus on the role of the advanced practice nurse in primary care. PREREQ: NURS 6600, NURS 6611 and NURS 6611L, PHAR 6645.

NURS 7725 Informational Technology in Health Care: 2 semester hours.
Application of technologies and information systems to evaluate and improve health care outcomes. Exploration of information technologies in clinical practice, education, research, and administration will be emphasized with a focus on transformation of data into information.

NURS 7735 Statistical Analysis in Evidence Based Practice: 3 semester hours.
Exploration of bio-statistical methods used in implementing and evaluating health care-related research and evidence based practice. Legal and ethical issues in research are addressed. PREREQ: NURS 6610.

NURS 7740 Primary Care Throughout the Life Span FNP: 1 semester hour.
Integration of advanced nursing care for patients and families across the lifespan. Application and evaluation of primary care management of complex diagnoses and system foci. PREREQ: NURS 6642 and NURS 6642L, NURS 6643 and NURS 6643L, NURS 6644 and NURS 6644L, and NURS 7723. COREQ: NURS 7740L.

NURS 7740L Primary Care Throughout the Life Span Lab FNP: 4-5 semester hours.
Delivery of advanced nursing care to patients and families across the lifespan. Clinical application and evaluation of theoretical knowledge and skills used by the nurse practitioner in primary health care at a more complex level. Includes focus on systems individualized by each student. Graded S/U. PREREQ: NURS 6642 and NURS 6642L, NURS 6643 AND NURS 6643L, NURS 6644 and NURS 6644L, and NURS 7723. COREQ: NURS 7740L.

NURS 7745 Mental Health Across the Lifespan: 4 semester hours.
This course examines the major psychopathologies throughout the life span including epidemiology, cultural and

NURS 7745L Mental Health Across the Lifespan PMHNP Clinical I: Adult and Geriatric: 3-5 semester hours.
This course provides clinical training in the full role of the psychiatric mental health nurse practitioner related to adult and geriatric clients. Clinical experiences, case discussions, and clinical-related projects allow students the opportunity to develop competencies in the ethical, safe, collaborative, and evidence-based provision of mental health care to adults and older adults in the context of a changing health care system. PREREQ: NURS 6611, NURS 6611L COREQ: NURS 7745. PREREQ: NURS 6630, NURS 6650.

NURS 7755L Mental Health Across the Lifespan PMHNP Clinical II: Family and Pediatric: 2-5 semester hours.
This course provides clinical training in the full role of the psychiatric mental health nurse practitioner related to family and pediatric treatment. Emphasis is placed on the knowledge and skills for PMHNP practice and the specific mental health needs of pediatric clients as well as the family system. Clinical experiences, case discussions, and clinical-related projects allow students the opportunity to develop competencies in the ethical, safe, collaborative, and evidence-based provision of mental health care to pediatric clients and families. PREREQ: NURS 6611/NURS 6611L, PHAR 6645, NURS 7723, NURS 7745.

NURS 7760 Professional Issues of the DNP II: 3 semester hours.
Integration of DNP-related professional issues including the APRN’s role in the initiation and evaluation of change in patient care, interprofessional practice and current and emerging health care issues. Transition into the APRN role is emphasized. PREREQ: NURS 7720.

NURS 7780L FNP Practicum: 6 semester hours.
Application of theoretical content, research findings and intervention strategies to advanced nursing practice in both rural and non-rural settings. Graded S/U. PREREQ: NURS 7723, NURS 6642 and NURS 6642L, NURS 6643 and NURS 6643L, NURS 6644 and NURS 6644L, and NURS 8809.

NURS 7790 DNP Project: 1-3 semester hours.
Synthesis of scientific evidence and theoretical principles to improve health care outcomes. Incorporation of knowledge of current and emerging health care technologies to improve care delivery and organizational systems for groups and populations. Requires a minimum of six credit hours over four semesters. May be repeated.

NURS 7795 Psychotherapy for the PMHNP: 3 semester hours.
This course examines models of individual, group, and family interventions in psychiatric mental health nursing from a holistic perspective and incorporates theory and research from nursing and related sciences to develop a framework for guiding advanced nursing practice. Individual, group, and family management skills are explored within the context of a PMHNP role and case management. PREREQ: NURS 6611/NURS 6611L, PHAR 6645, NURS 7723, NURS 7745, NURS 7755L, COREQ: NURS 7795L.

NURS 7795L Psychotherapy for the PMHNP Lab: 2 semester hours.
This course focuses on the use of interventions across the life cycle with different populations in altering human responses associated with mental and emotional problems. Clinical training in multiple psychotherapeutic treatment modalities will be performed. COREQ: NURS 7795.

NURS 7798L PMHNP Advanced Practicum: 4-6 semester hours.
This course is a comprehensive clinical residency designed to advance the student's clinical practice with clients in a variety of psychiatric mental health settings. Practitioners utilize independent clinical decision-making, interdisciplinary collaboration, evaluate quality of care, and develop organizational and role competencies in a variety of settings. Graded S/U. PREREQ: NURS 6611/NURS 6611L, PHAR 6645, NURS 7723, and NURS 7745L/NURS 7755L, NURS 7795, NURS 7795L.

NURS 8805 Philosophy of Nursing Science and the Role of the Nurse Researcher: 3 semester hours.
This course is designed to give the doctoral student an overview of scientific philosophy, philosophy of nursing, and the role of the nurse researcher. The student will learn about the most influential philosophers and the patterns of knowing, and responsibilities of a nurse researcher within the scientific community, academia, and the world.

NURS 8808 Theoretical and Conceptual Analysis in Nursing Science: 3 semester hours.
This course focuses on the relationship of theory to research with an emphasis on applying theory in the design, implementation, and interpretation of research. Students will develop an understanding of the evaluation of theory, utility in research and ability to compare research strategies from different theoretical perspectives.

NURS 8809 Research and Practice in Rural and Global Communities: 2 semester hours.
This course explores rural culture using theories, frameworks and methodologies in nursing and from various disciplines. It focuses on diversity and culturally responsive methodologies. Rural life is analyzed to explore factors related to health systems and health care delivery across communities.
NURS 8813 Qualitative Inquiry and Analysis: 3 semester hours.
The course examines qualitative design, methods and analyses. Emphasis is placed on the appropriateness of each approach for description and explanation of phenomena encountered in clinical, organizational and educational settings, and in the conduct of the analysis of qualitative data. Qualitative methods such as phenomenology, grounded theory, and ethnography, among others will be discussed.

NURS 8814 Statistical Methods in Health Research I: 3 semester hours.
The focus of this course is on the student's ability to conduct, report, and interpret commonly used descriptive and inferential statistics for continuous and categorical outcomes such as t-tests, chi-square tests, analysis of variance and covariance, and generalized linear models. Statistical software will be used to conduct quantitative data analysis.

NURS 8815 Statistical Methods in Health Research II: 3 semester hours.
The focus of this course is on the student's ability to conduct, report and interpret the results of generalized linear models and commonly used statistical procedures of data reduction and discrimination such as principal component analysis and factor analysis, among others. Statistical software will be utilized to conduct quantitative data analysis. PREREQ: NURS 8814

NURS 8816 Quantitative Inquiry and Analysis: 3 semester hours.
The focus of this course is on the design, methods, and analysis of quantitative health research. Emphasis in strengths and limitations of the most commonly used primary study devices including observational, experimental, and quasi-experimental, and secondary methods such as systematic reviews will be discussed, as well as the associated statistical analysis. Statistical software will be utilized to conduct quantitative data analysis. PREREQ: NURS 8814, CO-REQ or PREREQ NURS 8815.

NURS 8820 Ethics in Nursing Research: 3 semester hours.
This course provides in-depth learning of the ethics involved in conducting human subjects' research in the health care field. Federal regulations, IRB review, conflict of interest and other considerations involved in conducting research in an ethical manner will be covered.

NURS 8825 Research and Grant Writing: 3 semester hours.
Research process applied to grant funding exploration, and the development of grant writing skills for accomplishing funding for the dissertation through grant proposal preparation and submission.

NURS 8826 Approaches to Scholarly Writing: 2 semester hours.
Explore process of scholarly writing, and strategies for dissemination including publication in peer-reviewed journals among other avenues for building the nursing knowledge base.

NURS 8830 Current Trends in Research Design and Methods: 3 semester hours.
The focus of this course is to introduce the student to additional research designs and methods used in nursing research such as mixed methods, trajectory research, translational, meta-analysis, clinimetrics, and community-based participatory research will be discussed, among others. The class will explore each design/ method, reasons for using and limitations. Examples of published studies will be examined. PREREQ: NURS 8813, NURS 8816

NURS 8840 Leadership and Health Policy: 3 semester hours.
Analysis of policy research relevant to health care access, affordability, delivery, finance and integrated care systems. Students will evaluate effects of local, regional, national and international systems of health care delivery. This course focuses on the role of the nurse leader in policy development and professional practice. The leadership role in nursing to promote health policy initiatives in facilitating change will be emphasized.

NURS 8881 Research Seminar I: 3 semester hours.
The student will develop the statement of the problem, research questions, and beginning literature review for the dissertation.

NURS 8882 Research Seminar II: 2 semester hours.
The student will conduct a comprehensive literature review and develop the conceptual or theoretical framework for the dissertation. PREREQ NURS 8881.

NURS 8883 Research Seminar III: 2 semester hours.
The student will develop research methodology for the dissertation in the quantitative and qualitative, or mixed method paradigm. PREREQ NURS 8882.

NURS 8890 Dissertation: 1-12 semester hours.
Completion of original research.

NURS 8899 Experimental Course: 1-6 semester hours.
This is an experimental course. The course title and number of credits are announced in the class schedule by the scheduling department. Experimental courses may be offered no more than three times with the same title and content.