

DOCTOR OF NURSING PRACTICE (DNP): ADVANCED PRACTICE TRACK/DOCTOR OF PHILOSOPHY IN NURSING (PHD) DUAL DEGREE

The Johns Hopkins University is accredited by the Middle States Commission on Higher Education which includes the PhD program at the Johns Hopkins School of Nursing. Middle States is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation:

Middle States Commission on Higher Education (MSCHE) # 3624 Market Street, Philadelphia, PA 19104 # (267) 284-5000.

The Doctor of Nursing Practice program at the Johns Hopkins School of Nursing is accredited by the Commission on Collegiate Nursing Education:

Commission on Collegiate Nursing Education (CCNE) #655 K Street, NW, Suite 750, Washington, DC 20001 # 202-463-6930.

The dual doctoral DNP Advanced Practice Track/PhD program creates rigorously prepared Advanced Practice Clinical Research Scientists and Nurse Practitioners. The DNP Advanced Practice Track/PhD scholars that offers the profession a 'best of both worlds' approach, creating innovative solutions for faculty practice, research, discovery, and translation. By combining the PhD goal of creating leaders in nursing science development with the DNP Advanced Practice Track's mission to prepare expert nurse clinicians into an integrated curriculum, students receive both outstanding research and clinical practice experience. The goals of the DNP/PhD is to prepare individuals who are interested in pursuing careers as advanced practice nurse scientists who are both trained as nurse practitioners and equipped with the skills to conduct rigorous scientific research. The DNP program is geared towards preparing nurses for advanced practice roles and serves as the ultimate practice degree with expertise in provider roles, systems leadership, quality improvement translation, and policy. On the other hand, the PhD in Nursing Science program is aimed at training nurse scientists and serves as the ultimate research degree. The Johns Hopkins School of Nursing specializes in eight Areas of Expertise (<https://nursing.jhu.edu/faculty-research/research/areas-of-expertise/>). With access to world-renowned nursing faculty in these specialties, cutting-edge facilities, and opportunities for interdisciplinary collaboration with noted researchers throughout Johns Hopkins University, you'll build the skills to develop and implement a scientific research program and launch your career. By graduation, most Hopkins nurse scholars have been awarded grants that continue their research and set them well on their way to a successful career.

The integrated degree program aims to streamline the usual duration for students to finish both degrees while fostering the education of proficient practitioners who aspire to contribute to the advancement of scientific knowledge in the field of nursing.

The DNP/PhD Advanced Practice program is designed to be completed in a 5 year full-time plan of study. This shorter timeframe to achieve two doctoral degrees is accomplished by designing the program to align each educational component with the students desired research

focus, creating connections that allow the DNP Advanced Practice Track/PhD student to seamlessly transfer evidence to practice, practice to research, and research to the classroom. Students complete one doctoral dissertation that meets the outcomes of the DNP and PhD programs. The program also highlights both a structured teaching residency and a structured research residency.

In the dual DNP AP/PhD, the first semesters of the combined program focus on developing students' ability to conduct clinical research. In the second year and third year, students refine their research focus while integrating DNP advanced practice core courses. This provides the basis for students to propose and conduct clinical research while completing clinical specialty experiences (practicums). In the fourth and fifth year, student's focus their dissertation practice research in the area of their PhD and DNP faculty advisors' program of research and advanced practice.

Students can complete this program with the following DNP/PhD Advanced Practice Tracks:

- DNP/PhD Adult-Gerontological Acute Care Nurse Practitioner
- DNP/PhD Adult-Gerontological Primary Care Nurse Practitioner
- DNP/PhD Family Primary Care Nurse Practitioner
- DNP/PhD Dual Primary and Acute Care Nurse Practitioner
- DNP/PhD Pediatric Primary Care Nurse Practitioner
- DNP/PhD Psychiatric Mental Health Nurse Practitioner
- *DNP/PhD Adult-Gerontological Health Clinical Nurse Specialist **
- *DNP/PhD Adult-Gerontological Critical Care Clinical Nurse Specialist **
- *DNP/PhD Pediatric Critical Care Clinical Nurse Specialist **

**This track is no longer accepting applications.*

Students are expected to complete degree requirements within seven years within the school of nursing. For a dual degree, all coursework must be completed before either degree is awarded.

DNP Advanced Practice Track/PhD Program Funding

Qualified students interested in the DNP/PhD program may be eligible to receive up to three years tuition and stipend support through the School of Nursing which is spread out over the 5 years of the program. Funding for a fourth year may be available. In addition, internal and external awards are available. JHU health insurance and stipend support through the School of Nursing. Complete information is available by contacting the PhD Program Administrator at SON-PhDProgram@jhu.edu.

State Authorization Disclosures

PhD/DNP Dual Adult Gerontological Acute Care NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Adult-Gerontological-Acute-Care-NP.pdf>)

PhD/DNP Dual Adult Gerontological Primary Care NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Adult-Gerontological-Primary-Care-NP.pdf>)

PhD/DNP Dual Pediatric Acute and Primary Care NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Dual-Pediatric-Acute-Primary-Care-NP.pdf>)

PhD/DNP Dual Family Primary Care NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Family-Primary-Care-NP.pdf>)

PhD/DNP Dual Pediatric Primary Care NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Pediatric-Primary-Care-NP.pdf>)

PhD/DNP Dual Psychiatric Mental Health NP (<https://nursing.jhu.edu/wp-content/uploads/2024/04/PhD-DNP-Psychiatric-Mental-Health-NP.pdf>)

DNP/PhD Advanced Practice Track Requirements

The DNP Advanced Practice Track option is a post-baccalaureate to DNP program that prepares students for the Nurse Practitioner role with a focus on a specific population (adult-gerontological primary, adult-gerontological acute, pediatric primary, pediatric primary/acute, family primary, or psychiatric mental health).

Please visit the '**overview tab**' on the following pages for more information on each specialty. However, please reference the DNP/PhD Programs of Study (p. 9) for your specific curriculum.

Adult-Gerontological Acute Care Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/adult-gerontological-acute-care-nurse-practitioner-dnp/>)

Adult-Gerontological Primary Care Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/adult-gerontological-primary-care-nurse-practitioner-dnp/>)

Family Primary Care Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/family-primary-care-nurse-practitioner-dnp/>)

Pediatric Dual Primary/Acute Care Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/pediatric-dual-primary-acute-care-nurse-practitioner-dnp-advanced-practice-track/>)

Pediatric Primary Care Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/pediatric-primary-care-nurse-practitioner-dnp/>)

Psychiatric Mental Health Nurse Practitioner (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/psychiatric-mental-health-nurse-practitioner-dnp/>)

DNP/PhD: PhD Program Research Residency Guidelines

The research residency is an important pedagogical aspect of the PhD program regardless of funding source or student status, full or part time. Students should commit to a research residency each semester – including summer - across the entire period of baseline funding from the JHSON. The purpose of the research residency requirement for the PhD program is to provide full time students with research training. The goal of the research residency is for the student to have experiences in aspects of research that will facilitate embarking on a career of research and scholarship. Given that publication is a vital outcome of any PhD program, the research residency mechanism is an ideal one from which to publish. It is important to point out that not all research training experiences will be the same.

1. Decisions regarding research training experiences ultimately rest with the primary research mentor and the student; however, there are several relevant guidelines, outline on the following page:
 - An average of 15 hours per week (-) should be devoted to the research residency and are covered by the program funding. Ideally, the student will be a part of a research team. Timesheets are available from the PhD Program Administrator to assist in tracking these hours. After completing the required research

residency hours, students may choose to serve as an RA for additional time for compensation.

- The range of experiences may include but are not limited to: conceptualization of a study, grant writing, review of literature, data collection, data management, data analysis, preparation of manuscripts, presentations, and laboratory experiences.
 - It is highly desirable that the student participates in a variety of research endeavors throughout the residency. There is benefit to be gained from spending "time at task".
2. Setting goals and objectives for the research residency.
 - It is important to have realistic and objective goals and outcomes to both ensure that there are meaningful research training experiences and that research training experiences are documented in the student portfolio.
 - The student and mentor shall devise research training goals for full time year around research training experience as well as each semester the student is a research trainee. It is also recommended that the overall goals are reviewed each semester.
 - Measurable outcomes addressing each goal should be articulated and monitored for achievement. Outcomes that are salient may include: the development of protocols, publications, presentations, and objective evidence of the above-mentioned range of experiences or other experiences that are deemed appropriate.
 3. It is required that each student include one semester of research training away from the primary mentor during the full-time year around residency during the baseline four-year SON supported course of study and stipend. The decision as to who the student will work with is to rest among the student, primary research mentor and the prospective researcher (Matching students with faculty will be determined collaboratively by the student, primary research mentor, the prospective researcher, with support from the PhD Program leadership.):
 - The development of goals and objectives is similarly important for this research training experience.
 - Evidence of a successful time away from the primary research mentor would include similar measurable outcomes as described above.
 - Exceptions for this requirement can be considered on a case by case basis. Please consult with the PhD Program Director.
 4. Given the pedagogical importance, a research residency is also required for part time students with the following considerations:
 - Research residency hours should be proportional to the number of credit hours, e.g., 5 – 10 hour per week
 - Flexibility in the requirements for part time students is important. Examples of times during which research experiences can be suggested include semester breaks, weekends, evenings, and during the summer.
 - The JH requirement for two successive semesters of full time study will facilitate a similar 15 hour per week research experience during this time for part time students.

DNP/PhD Program: PhD Program Teaching Residency Guidelines

Every DNP/PhD Student will serve as Teaching Assistant (TA) for at least one assigned course. The required TA experience will be up to 10 hours per week. After completing their required TA residency, students may choose to serve as a TA for additional courses.

The purpose of the TA experience is to advance the student's socialization into the teaching role of the faculty member. Program Directors will determine the availability and approval of courses to count toward the TA experience. Specific learning objectives for the required TA experience will be developed by the student with input from the student's PhD advisor and the mentoring course coordinator. Learning activities may include but are not limited to:

- Course planning and syllabus development
- Lecturing
- Leading interactive learning exercises,
- Using of information technologies to facilitate learning
- Measuring student mastery of knowledge and skills
- Test construction and item analysis
- Assigning and grading papers
- Development of teaching strategies for a class with students of varying abilities
- Determining student grades
- Evaluating student satisfaction
- Participating in curriculum planning and evaluation meetings
- Working with others to plan and conduct an educational research project.
- Working with others to publish a paper on a course or teaching method.
- Attending a national or international nursing education conference

Students should be able to articulate how their teaching and learning philosophy is grounded in their philosophy of the human person. Other areas of critical inquiry and reflection may include theories of learning; duties of teachers and students; virtues of teachers and students; and the objective of the education of nurses at all three levels.

Students considering The Nurse Educator Certificate Option (NECO) should discuss with their advisor.

Evaluation: Upon completion of each assigned course, the graduate TA and the faculty of the graduate TA are expected to submit their evaluations to the Academic Program Administrator. Completed evaluations will be discussed at the PhD Curriculum Committee to monitor the quality of TA experiences and also will be shared with relevant Program Directors to be considered for future TA assignments. TAs and the respective faculty member should be encouraged to include metrics in their course evaluations to assess the effectiveness of the TA.

DNP/PhD Student Scholarly Progression

DNP/PhD students are required to achieve various milestones (see below) in progressing through the program that culminate in the dissertation and completion of advanced practice clinical experiences. These processes serve to assure quality of the scholarship and rigor of the scientific process. Progress/milestones completed will be reviewed in year 3 to approve additional funding of tuition and stipend in year 4.

- Annual Review (https://webapps.nursing.jhu.edu/secure/phd_progress/) with PhD and DNP advisors
- Annual Review with DNP/PhD Dissertation Committee members
- Comprehensive Examination (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Comprehensive_Exam_Application.docx)

- Preliminary Oral Examination (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Preliminary_and_Final_Oral_Exam_Form_Oct_2021.docx)
- Final Defense (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Preliminary_and_Final_Oral_Exam_Form_Oct_2021.docx)
- Completion of Advanced Practice Track Specialty Clinical Practicum requirements in EXXAT (<https://login.exxat.com/>)
- Completion of DNP/PhD Portfolio

Johns Hopkins University Mentoring Expectations

Please see the new Johns Hopkins University Mentoring Expectations (<https://provost.jhu.edu/education/graduate-and-professional-education-resources/phd-mentoring-policies-and-resources/>) and the new Johns Hopkins University Policy on Mentoring Commitments for PhD Students and Faculty (<https://provost.jhu.edu/wp-content/uploads/2019/08/JHU-Mentorship-Commitments-of-Faculty-Advisors-and-PhD-Students.pdf>) from the Provost's Office.

Annual Review with PhD advisor for DNP/PhD students

1. Conducted in the Spring semester annually as the student prepares to complete an academic year (generally late March – early May)
2. Documents to review:
 - a. Individual development plan (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Individual_Development_Plan_writeable_002_.pdf)
 - b. NIH Biosketch (<https://grants.nih.gov/grants/forms/biosketch.htm>)/CV
 - c. Clinical research skills checklist (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Research_Residency_Goals.docx)
3. Complete online submission of progress (student (https://webapps.nursing.jhu.edu/secure/phd_progress/) and advisor (https://webapps.nursing.jhu.edu/secure/phd_progress/advisor/)) to release registration hold in SIS.

Annual Review with Dissertation Committee

1. Once the student has entered into candidacy, an annual meeting with the full dissertation committee is highly recommended
2. A review of student progress – academically and scientifically – along with additional development opportunities should be discussed

Challenges in study implementation should be reviewed, and the committee should offer support to help the student overcome the challenge or refine the study as appropriate

DNP/PhD: PhD Comprehensive Examination

PhD (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Comprehensive_Exam_Application.docx) Comprehensive Exam (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Comprehensive_Exam_Application.docx) **Application**

1. Student Status: This examination may be taken as early as the first summer following fall admission.

- a. Students must have completed year one required nursing classes and statistics course work, totaling 24 credit hours, to sit for the Comprehensive Examination (with the exception of NR.110.827 Grant Writing and NR.110.891 Responsibilities & Activities of the Nurse Scientist, which need not be taken prior to this examination).
 - b. Students must be registered the semester prior to the examination and have all incompletes cleared from their record in order to take the Comprehensive Examination.
2. Purpose: The purpose of the written comprehensive examination is to validate the student's ability and skills to generate, synthesize, and critically analyze knowledge relevant to the discipline of nursing. Questions related to required nursing and statistics courses are administered by the program in Canvas.
 3. Procedure:
 - a. The examination is offered the first week of June. All students are tested on the same days.
 - b. Students desiring to take the examination meet with their advisors to review eligibility and assure that all requirements have been met.
 - c. With the approval of the advisor, 30 days or more before the scheduled examination, the student completes the "Comprehensive Examination Application Form" and submits it to the PhD Program Director for approval. A copy of the approval form is kept on file in the students' personal folder in the PhD Program Director's office.
 - d. The PhD Program Director informs the PhD Curriculum Committee members of those students approved to take the Comprehensive Examination three weeks before the examination.
 - e. The PhD program office shall inform those taking the examination of its time and place and shall proctor the examination.
 - f. Students not taking the examination when scheduled due to personal reasons are not penalized and need only to reschedule.
 4. Structure: The examination consists of two sessions (4 hours each) to test knowledge of required nursing program content.
 - a. Part A is given on Day 1 and is to be completed in 4 hours. Part B is given on Day 2 and is to be completed in 4 hours.
 - b. Students are required to type answers and submit exam answers via Canvas using Turnitin to the Program Administrator prior to 5p ET.
 - c. Students may access previously assembled references and materials, but are not to access the internet for searches. The use of reference or bibliography databases (such as endnote or reference manager) is not permitted.
 - d. Students should critically analyze and synthesize information in a logical manner, citing major authors.
 - e. Students should structure their time to incorporate any needed breaks.
 5. Development, Administration, and Grading:
 - a. The PhD Curriculum Committee appoints the examination committee from Program faculty. The committee includes at least three members, one member having taught in the core theory sequence and one member having taught in the core research design and methods sequence.
 - b. The Program Director and Associate Program Director chair the 2 sections of the exam.
 - c. The committee develops integrating questions for the examination focusing on required nursing and statistics courses.
- The questions should test students' ability to synthesize nursing theory and research and statistics application.
- d. The grade for each question is fail, conditional pass, or pass. To pass the examination, the student must receive a pass or higher score from a majority of the examination committee on all questions. The criteria for adequate completion of the examination are intended to facilitate the judgment of the Comprehensive Examination Committee as to whether the candidate has responded adequately to the questions.
 - e. The candidate's response should thoroughly address each aspect of each question as well as:
 - i. Reflect accurate, consistent, and appropriate application of concepts to the situation presented in the question.
 - ii. Show evidence of in-depth application and synthesis of the content of the courses.
 - iii. Reflect the appropriate use of references, e.g., statistical texts for statistical issues, and peer-reviewed journal papers.
6. Results:
 - a. Students are informed of their results in writing within 60 days after completion of the examination. The letter is copied to the student's advisor, the chair of the PhD Admissions, Progression and Graduation Committee, and the Registrar's Office. If the student fails to pass any component of the Comprehensive Exam, the letter is also copied to the Associate Dean for Academic Affairs.
 - b. Further feedback on students' performance may be obtained from their advisors.
 - c. A student who fails the examination may repeat it once. The student should contact their academic advisor to discuss their academic difficulties and may be asked to write a letter to the chair of the PhD Admissions, Progression and Graduation Committee communicating any information including their plan for improvement.
 - d. The repeat examination must be completed within one year of the original examination.
 - e. The appeal process for grades applies to this examination.

DNP/PhD Preliminary Oral Examination

PhD Preliminary Oral Exam Form (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Preliminary_and_Final_Oral_Exam_Form_Oct_2021.docx)

1. Student status: PhD students having successfully completed the written Comprehensive Examination must be registered for at least three credits consisting of two credits dissertation advisement plus one credit dissertation seminar in the fall and spring semesters they are progressing toward the degree (see above for summer semester registration requirements). Part-time students who have completed the Comprehensive Examination must register for two credits dissertation advisement plus one credit dissertation seminar each semester they are progressing toward the degree after completing half (11) of the required elective credits. Before undergoing the Preliminary Examination, students must:
 - a. complete all required and elective coursework;
 - b. have all incompletes cleared from their record;
 - c. have completed the Johns Hopkins University Residency requirement of 2 consecutive semesters, fall and spring, full-time study; and

- d. be registered the semester of the examination, this includes summer semester.
2. Preliminary Oral Examination Committee Composition:
- a. At least three of the five faculty members must be tenure track at the rank of assistant professor, associate professor, or full professor. This may include *full time or part time faculty, visiting faculty, or emeritus faculty* if they also hold the titles of assistant, associate, or full professor.
 - b. Three of the five members must be from the candidate's home department (SON). One of these must be at the Associate Professor level or higher.
 - c. Two members must be from outside of the candidate's home department (SON)
 - One (1) of the two outside faculty members must be within Johns Hopkins University, full-time tenure track holding rank of Professor, Associate Professor or Emeritus Professor *who serves as Chair of the examination committee.*
 - One (1) committee member from any department at the University (outside of the SON) or outside of the University pending committee approval
 - d. For DNP/PhD students, because the oral exam stands in place of the DNP exam, it is expected that the student's DNP advisor will be a voting member of the committee.
 - e. Note: With approval, there is an option for a 6th, non-voting member. This option is likely to be most relevant for DNP/PhD students.
3. Purpose of Preliminary Oral Examination: The purpose of a preliminary examination is to test the depth and breadth of the student's knowledge and reasoning abilities. The scope of such an examination cannot, nor should it be, sharply defined. The examination committee can gain a feeling for the limits of the examination by a review of the candidate's formal course record and by knowledge of the school, group, department, or committee requirements (e.g., whether specific minor as well as major subjects are to be included).

Preliminary Oral Examinations are closed to all but the candidate and examination committee members. (Students are encouraged to arrange for a "Dry Run" presentation for colleagues and faculty input prior to exam.)

Students should refer to relevant oral examination guidelines under **PhD Program Dissertation and Final Oral Examination.**

- 1. Criteria for Selection of Examination Committee Chair and Members (Oral exam forms must be submitted to the Academic Program Administrator at least 60 days before the exam date) The initial review will be conducted by Program Director and APG (Admissions, Progressions and Graduate) Committee Chair. Then the form will go to the APG Committee for final approval. Approval must be received by the student before they can confirm scheduling and conduct their exam.
 - a.

Chair Selection: The Examination Committee chair will be the most senior ranking member of the committee, at or above the level of Associate Professor within the University but outside the School of Nursing. If two members have the same ranks, the chair

is the one who has been in that rank the longest. However, if the most senior member is also the student's advisor/co-advisor, the second most senior-ranked member will be the Examination Committee chair.

- b. Faculty that do not have an earned Research Doctorate (e.g., DNP, MD), are not tenure-eligible (e.g., Practice-Education Track), or are from outside the University, must have Curriculum Vitae (CV) submitted to School of Nursing PhD Admissions, Progression and Graduation Committee for approval. This approval is only required the first time they serve on a SON committee.
- c. Each committee may include only 1 member who is not on faculty at Johns Hopkins University. Faculty members at other institutions and adjunct faculty must be reviewed and approved by the School of Nursing PhD Admissions, Progression and Graduation Committee prior to participation in the Oral Examination.
- d. SON faculty members are defined as those having primary appointment in the Johns Hopkins School of Nursing or who are assigned as the Faculty advisor.

Duties of the Chair

- 1. Preside at the examination.
- 2. Determine the scope, character, and conduct of the examination before the questioning begins.
- 3. Determine time allotments to inside and outside members of the committee.
- 4. Report the results of the examination to the candidate.
- 5. Report the results of the examination to the PhD Admissions, Progression and Graduation Committee immediately after the examination on the form provided for this purpose.
 - a. Duties of the Members:
 - i. Notify the Chair, Faculty advisor and Academic Program Administrator of inability to appear at designated time.
 - ii. Participate in the examination process.
 - b. Duties of the Alternate:
 - i. Notify the Committee chair, faculty advisor and Academic Program Administrator of inability to appear at designated time.
 - ii. Participate in the examination process as a committee member if one of the serving members of the committee fails to appear on the date of the examination.
 - iii. Alternate members not called to serve as committee members may attend the examination if they wish to do so, but may not ask questions or vote.
 - c. Dissertation Committee Optional Role: External Reader. An external reader is an individual with an earned research or clinical doctorate who offers additional content and/or methodological expertise but is not a regular member of the dissertation committee. Attendance at the dissertation oral examination is not required for the external reader. If in attendance, they may participate in the private portion of the exam at the discretion of the chair, but cannot vote on the outcome of the exam. In addition, the external reader may not be present during the voting.
 - d. Length of Examination: Examination process will start with a 20-minute presentation on the topic of the student's proposed dissertation research. The chair will ask for questions from the committee. The student will respond until all members of the committee have completed their questions. The committee will vote by private ballot on its evaluation of the examination with

majority ruling. (Total examination period is expected to be about 2 hours.)

6. Results of the Examination: Students who successfully pass the examination will become PhD Candidates and are eligible to use this designation. The examination may result in one of the following outcomes:
 - a. If the candidate receives an unconditional pass (a majority of favorable votes), the committee is to be considered discharged.
 - b. If the candidate receives a conditional pass, the removal of the condition is to be reported to the School of Nursing PhD Admissions, Progression and Graduation Committee by the chair in writing, after which the committee is considered discharged.
 - c. If the candidate fails, the examination committee, through the chair, is requested to recommend a course for future action:
 - i. No re-examination.
 - ii. Re-examination by the same committee.
 - iii. Re-examination in written form and conducted by the same committee.
 - iv. Re-examination by a new committee. If the recommendation is for a new committee, at least one outside member of the original committee shall be appointed to the new committee.

The committee may recommend whatever action in its judgment seems desirable, taking into consideration the background of the student, their prior performance and future potential, and reactions to oral questioning. The School of Nursing PhD Admissions, Progression and Graduation Committee will be guided by these recommendations and will assume responsibility for whatever actions are taken. Stipulations and/or Re-examination: If there is a recommendation for re-examination, the examination can be repeated once, but only once, and must be repeated within one calendar year. The committee may also make recommendations for the conduct of the proposed research that do not affect the outcome of the examination; the student's advisor will help them incorporate such recommendations into the proposal.

7. ¹
8. Faculty who do not have an earned Research Doctorate (e.g., DNP, MD), are not tenure-eligible (e.g., Practice-Education Track), or are from outside the University, must have Curriculum Vitae (CV) submitted to School of Nursing PhD Admissions, Progression and Graduation Committee for approval
9. ²
10. Each committee may include only 1 member who is not on faculty at Johns Hopkins University. Faculty members at other institutions and adjunct faculty must be reviewed and approved by the School of Nursing PhD Admissions, Progression and Graduation Committee prior to participation in the Oral Examination. Occasionally, one adjunct or one scientist faculty member, but not both, may serve on the Committee. Neither may serve as the Chair.
11. ³
12. SON faculty members are defined as those having primary appointment in the Johns Hopkins School of Nursing
13. ⁴
14. Each committee may include only 1 member who is not on faculty at Johns Hopkins University. Faculty members at other institutions and adjunct faculty must be reviewed and approved by the School of Nursing PhD Admissions, Progression and Graduation Committee

prior to participation in the Oral Examination. Occasionally, one adjunct or one scientist faculty member, but not both, may serve on the Committee. Neither may serve as the Chair.

DNP/PhD Program Dissertation and Final Oral Examination

PhD Program Dissertation and Final Oral Examination Form (https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/Preliminary_and_Final_Oral_Exam_Form_Oct_2021.docx)

1. Student status: PhD candidates in the School of Nursing must be registered for at least 3 credits per semester (not including summer, unless defending during the summer semester) after passing the preliminary oral examination until taking the final oral examination. Specifically, students are to take no less than NR.110.890 Dissertation Seminar Dissertation Seminar, 1 credit, and NR.110.899 Dissertation Dissertation Research, 2 credits, both fall and spring semester unless they are on an approved leave of absence. The student must be registered the semester prior to the examination. All students must complete all requirements for the PhD Degree within seven (7) years of matriculation (excluding any Leaves of Absence).

Nota Bene: If students are the holders of a research training grant (such as NRSA), they must also comply with the academic requirements of that award.

2. Dissertation and Final Oral Examination Committee Composition: (Oral exam forms must be submitted to the Academic Program Administrator at least 60 days before the exam date) The initial review will be conducted by Program Director and APG (Admissions, Progressions and Graduate) Committee Chair. Then the form will go to the APG Committee for final approval. Approval must be received by the student before they can conduct their exam.
 - a. At least three of the five faculty members must be tenure track at the rank of assistant professor, associate professor, or full professor. This may include *full time or part time faculty, visiting faculty, or emeritus faculty* if they also hold the titles of assistant, associate, or full professor.
 - b. Three of the five members must be from the candidate's home department (SON). One of these must be at the Associate Professor level or higher.
 - c. Two members must be from outside of the candidate's home department (SON)
 - One (1) of the two outside faculty members must be within Johns Hopkins University, full-time tenure track holding rank of Professor, Associate Professor or Emeritus Professor *who serves as Chair of the examination committee*.
 - One (1) committee member from any department at the University (outside of the SON) or outside of the University pending committee approval
 - d. For DNP/PhD students, because the oral exam stands in place of the DNP exam, it is expected that the student's DNP advisor will be a voting member of the committee.
 - e. Note: With approval, there is an option for a 6th, non-voting member. This option is likely to be most relevant for DNP/PhD students.
3. Student Responsibilities:
 - a. Consult with the advisor regarding the composition of the Dissertation Committee.

- b. Procure agreement of the faculty members to serve on the Examination Committee and arrange a time suitable to all members (including alternates) at least 60 days before the exam.
 - c. Initiates Oral Exam for the PhD Degree form to obtain approval of Dissertation Committee composition and members from the PhD Admissions, Progression, and Graduation Committee *at least 60 days* in advance of the exam. The Oral Exam for the PhD Degree form should be accompanied by CVs of proposed dissertation committee members meeting any of the following criteria: (a) holds a non-Research Doctorate, (b) not tenured or tenure-eligible at Johns Hopkins University, or (c) does not have a primary faculty appointment at Johns Hopkins University. Form and accompanying CV(s) should be submitted to the PhD Admissions, Progression, and Graduation Committee for approval at least 60 days in advance of the scheduled exam. Exams with forms submitted less than 60 days in advance of the scheduled exam, if approved under special circumstances, will automatically be held remotely.
 - d. Obtains JHMIRB approval or Animal Research Committee approval (with advisor as PI of record) before initiating dissertation research.
 - e. Executes research under the supervision of dissertation advisor.
 - f. Keeps advisor informed of progress while conducting research, requesting meetings with advisor and Dissertation Committee members as appropriate.
 - g. Writes the dissertation according to the "SON Guidelines for Writing the PhD Dissertation."
 - h. After obtaining advisor's approval, initiates preliminary scheduling for Final Oral Examination, working with the Academic Program Administrator to coordinate program support and final scheduling.
 - i. Submit dissertation to Dissertation Committee at least 3 weeks before anticipated Final Oral Examination.
 - j. After approval of the dissertation, submit final version to the Sheridan Library's Electronic Thesis & Dissertation (EDT) Program.
 - k. Prepares a manuscript to include at least some of the results of the dissertation to be submitted to an appropriate journal before graduation.
4. Purpose of Dissertation and Final Oral Examination: While the purpose of the preliminary oral examination is to test the depth and breadth of the student's knowledge and reasoning abilities in areas germane to the dissertation, the major focus of the final oral examination is the dissertation. Questions should be relevant to or based on the dissertation research including implications of the results.
 5. Conduct of the Dissertation and Final Oral Examination
 - a. Chair Selection: The Examination Committee chair will be the most senior ranking member of the committee, at or above the level of Associate Professor within the University but outside the School of Nursing. If two members have the same rank, the chair is the one who has been in that rank the longest. However, if the most senior member is also the student's advisor/co-advisor, the second most senior-ranked member will be the Examination Committee chair.
 - b. Duties of the Chair:
 - i. Preside at the examination.
 - ii. Determine the scope, character, and conduct of the examination before the questioning begins in concert with the Dissertation Chair (advisor).
 - iii. Determine time allotments to members of the committee.
 - iv. The chair is responsible for enforcing time limits and not exceeding 2 hours in total.
 - v. The student advisor reports the results of the examination to the PhD Program Director and the Executive Vice Dean immediately after the examination on the form provided for this purpose.
 - c. Duties of the Members:
 - i. Notify the Committee chair, faculty advisor and Academic Program Administrator of inability to appear at designated time.
 - ii. Participate in the examination process.
 - d. Duties of the Alternate:
 - i. Notify the Committee chair, faculty advisor and Academic Program Administrator of inability to appear at designated time.
 - ii. Participate in the examination process as a committee member if one of the serving members of the committee fails to appear on the date of the examination.
 - iii. Alternate members not called to serve as committee members may attend the examination if they wish to do so, but may not ask questions or vote.
- Dissertation Committee Optional Role – External Reader:
An external reader is an individual with an earned research or clinical doctorate who offers additional content and/or methodological expertise but is not a regular member of the dissertation committee. Attendance at the dissertation oral examination is not required for the external reader. If in attendance, they may participate in the private portion of the exam at the discretion of the chair but cannot vote on the outcome of the exam. The external reader is not present during the voting.
- Length of Examination: The examination process will begin with a 30-minute public presentation followed by 30 minutes of questions from the audience (Total of 1 hour for the Public Portion). The committee then meets in private with the candidate for questions (Total Time of 2 hours for the Private Portion). The chair will ask for questions from the committee. The student will respond until all members of the committee have completed their questions. The committee will vote by private ballot on its evaluation of the examination with majority ruling (total time of exam not to exceed 3 hours).
6. Results of the Examination: The examination may result in one of the following outcomes:
 - a. If the candidate receives an unconditional pass (a majority of favorable votes), the committee is to be considered discharged.
 - b. If the candidate receives a conditional pass, the exact terms of the condition are to be reported on the examination form, i.e., what course(s), if any, need to be taken, in what time frame the condition(s) should be met, and any other pertinent information that will point out clearly to both the student and the faculty how to satisfy the condition(s). As soon as all conditions have been met, the chair of the Examination Committee must report the removal of the condition in writing to the Doctor of Philosophy

Board. The committee is then discharged. The removal of the condition is to be reported to the PhD Program Director and the Executive Vice Dean by the Dissertation Committee chair via the written "Reader's Report," after which the committee is considered discharged.

- c. If the candidate fails, the Examination Committee, through the chair, is requested to recommend a course for future action:
 - i. No re-examination.
 - ii. Re-examination by the same committee.
 - iii. Re-examination in written form and conducted by the same committee.
 - iv. Re-examination by a new committee. If the recommendation is for a new committee, at least one outside member of the original committee shall be appointed to the new committee.
- d. The two committee members designated by the PhD Admissions, Progression and Graduation Committee as Doctor of Philosophy Board Readers will be responsible for approving the final Readers' Report after the student has finished all revisions. The report shall be submitted to the School of Nursing Registrar's Office with a copy to the PhD Program Director and the Associate Dean for Academic Affairs.

7. ¹

8. Faculty who do not have an earned Research Doctorate (e.g., DNP, MD), are not tenure-eligible (e.g., Practice-Education Track), or are from outside the University, must have Curriculum Vitae (CV) submitted to School of Nursing PhD Admissions, Progression and Graduation Committee for approval.

9. ²

10. Each committee may include only 1 member who is not on faculty at Johns Hopkins University. Faculty members at other institutions and adjunct faculty must be reviewed and approved by the School of Nursing PhD Admissions, Progression and Graduation Committee prior to participation in the Oral Examination. Occasionally, one adjunct or one scientist faculty member, but not both, may serve on the Committee. Neither may serve as the Chair.

Steps of Successful Completion of Final Oral Exam

- Make edits to the written dissertation with guidance from the advisor and committee
- Send a copy of the final abstract and title to the Academic Program Administrator (SON-PhDProgram@jhu.edu)
- Send a copy of CV and post-graduation plans to the Academic Program Administrator (SON-PhDProgram@jhu.edu)
- Follow formatting guidelines for the dissertation Electronic Thesis Submission: <https://www.library.jhu.edu/library-services/electronic-theses-dissertations/formatting-guidelines/>
 - Make sure to read the submission check list: <https://www.library.jhu.edu/library-services/electronic-theses-dissertations/submission-checklist/>
- Submit dissertation to the library (directions included in link above)
- Submission Deadlines: <https://homewoodgrad.jhu.edu/academics/graduate-board/deadlines/>
 - Students must submit completed edits of an electronic copy of the dissertation to the Welch library and receive a receipt from the library confirming that the electronic thesis has been accepted by the deadline for the current semester when they defend. If unable

to do so, they will have to register for one credit of dissertation seminar for the semester following the defense.

- Forward a copy of the library receipt to the Academic Program Administrator (SON-PhDProgram@jhu.edu)
- Apply to graduate if not already completed.
 - The application for graduation is available online via SIS. <https://sis.jhu.edu/sswf/>

Dissertation Guidelines for Manuscript Format

Chapter 1

- Integrated knowledge of field, identification of gaps in the selected science and provision of a theoretical foundation for the research

Chapters 2-4: Manuscripts 1, 2, 3

Chapter 5

- Concise summary tying work together
- Discussion of the contribution this research makes to the related field of science (new knowledge)
- Complete list of references

Appendices (optional):

- Analysis not in manuscripts (tables, and/or narrative)
- Instruments
- Methods details not in the manuscript

Guidelines

1. A minimum of three manuscripts ready for submission to a peer-reviewed journal
2. Student must be first author
3. Subject must be student's original research
4. Subject to approval of Dissertation Committee
5. Can be a combination of manuscript types, (at least one must be data-based, two data-based manuscripts are encouraged if the data allows for this) such as:
 - a. Literature review article
 - b. Methodological
 - c. Concept analysis and/or theory application
 - d. Instrument development
 - e. Results

May also be results from three separate but related experiments

6. Timing: Articles must be produced while the student is matriculated in the SON PhD Program

Example of Reference List Format

American Psychological Association (2019). *Publication Manual of the American Psychological Association*

(7th Ed.). Washington, DC: APA.

Gross, D., Alhusen, J., & Jennings, B.M. (2012). Authorship ethics with the dissertation manuscript option.

Research in Nursing & Health, 35, 431-434.

International Committee on Medical Journal Editors (ICMJE)
(2010) *Uniform Requirements for Manuscripts*

Submitted to Biomedical Journals, www.icmje.org/urm_main.html
(http://www.icmje.org/urm_main.html), Accessed on November 25, 2012.

Mangiardi J.R. & Pellegrino E.D. (1992). Collegiality. What is it? *Bulletin of the New York Academy of*

Medicine, 68(2), 292-296.

McCammon S.D. & Brody H. (2012). How virtue ethics informs medical professionalism. *Health Education*

Forum, Nov 9. [Epub ahead of print]

To comply with copyright law, it is important that you do not include journal proofs or printed articles unless you receive permission from the journal in which your work has been published. You should include the word processing format (i.e., MSWord) in the dissertation. Be sure to include the full citation for the manuscript, indicating it has been published, has been accepted for publication, or under review as appropriate.

Program Requirements

For additional information for both the DNP and PhD, please refer to the specific program section:

- PhD (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/nursing-phd/>)
- DNP (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/>)
- DNP Advanced Practice Tracks (<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/>)

Programs of Study FA24

For students starting in Fall 2024 Cohort

Please Note: In the following Plans of Study, School of Public Health courses (PH.XXX.XXX) are offered on the quarter system and are depicted here as [credits & units] and count accordingly in each school. Course descriptions for the Public Health courses (PH) are available on Course Search Page (<https://courses.jhu.edu/>).

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Acute Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14
Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2

NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4

SON Credits = 12

Credits 13

Third Semester

NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1

Comp Exams

Teaching Experience

Credits 2

Second Year

First Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2
NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2
PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3

PhD Elective 3

Research Residency

SON Credits = 12

Credits 13

Second Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2

PhD Elective 4

Research Residency

Preliminary Oral Exams

Credits 9

Third Semester

PhD Elective Credit	3
Research Residency	
Preliminary Oral Exams	
NRSA Submission	

Credits 3

Third Year

First Semester

NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3

SON Credits = 11	
Credits	12
Second Semester	
NR.400.704	Advanced Health Assessment and Measurement ² for Advanced Practice Nurses 3
NR.400.701	Advanced Physiology and Pathophysiology Part II 2
NR.400.707	Pharmacology for Advanced Practice Part II 2
NR.400.712	Diagnostic Skills and Procedures for Advanced Practice Nursing Part I 1
NR.400.714	Diagnostic Skills and Procedures for Advanced Practice Nursing 2: Acute Care 1
NR.110.890	Dissertation Seminar 1
NR.110.899	Dissertation 2
Credits	12
Third Semester	
NR.401.700	Introduction to Acute Care Fundamentals 3
NR.401.710	Introduction to Acute Care Clinical Management 1
Credits	4
Fourth Year	
First Semester	
NR.401.701	Advanced Practice in Acute Care I Diagnostic Reasoning 3.5
NR.401.712	Advanced Practice in Acute Care I Clinical Management 2
NR.400.732	Healthcare Finance for Advanced Nursing Practice 2
NR.110.890	Dissertation Seminar 1
NR.110.899	Dissertation 2
Credits	10.5
Second Semester	
NR.401.702	Advanced Practice in Acute Care II Diagnostic Reasoning 2
NR.401.713	Advanced Practice in Acute Care II Clinical Management 2.5
NR.110.890	Dissertation Seminar 1
NR.110.899	Dissertation 2
Teaching or Research Residency (if needed)	
Credits	7.5
Third Semester	
NR.110.841	Clinical Research Residency II 1
Credits	1
Fifth Year	
First Semester	
NR.401.703	Advanced Practice in Acute Care III Diagnostic Reasoning 3
NR.401.714	Advanced Practice in Acute Care III Clinical Management 2.5
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery 2
NR.110.890	Dissertation Seminar 1

NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		10.5
Second Semester		
NR.401.704	Advanced Practice in Acute Care IV Diagnostic Reasoning	3
NR.401.715	Advanced Practice in Acute Care IV Clinical Management	2.5
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Credits		8.5
Total Credits		120

Program Total: 115 Credits [cr]/840 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.809	Quantitative Research Design and Methods	3
NR.110.800	Philosophical Perspectives in Health	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14
Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4
SON Credits = 12		
Credits		13
Third Semester		
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
Comp Exams		
Teaching Experience		
Credits		2

Second Year

First Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2
NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2
PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3

PhD Elective	3
Research Residency	
SON Credits = 12	

Credits 13

Second Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
PhD Elective	3	

Research Residency	
Preliminary Oral Exams	

Credits 8

Third Semester

PhD Elective Credit	3
Research Residency	
Preliminary Oral Exams	
NRSA Submission	

Credits 3

Third Year

First Semester

NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3

SON Credits = 11

Credits 12

Second Semester

NR.400.704	Advanced Health Assessment and Measurement for Advanced Practice Nurses	3
NR.400.701	Advanced Physiology and Pathophysiology Part II	2
NR.400.707	Pharmacology for Advanced Practice Part II	2
NR.403.700	Diagnostic Reasoning I: Wellness in Primary Care and Common Acute Health Conditions Across the Lifespan	3
NR.110.890	Dissertation Seminar	1

NR.110.899	Dissertation	2
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Credits 13

Third Semester

NR.403.701	Diagnostic Reasoning II: Common Acute and Chronic Health Conditions Across the Lifespan	3
NR.402.710	Clinical Management I: Adult-Gerontology Primary Care Nurse Practitioner	2.5
NR.400.712	Diagnostic Skills and Procedures for Advanced Practice Nursing Part I	1

Credits 6.5

Fourth Year

First Semester

NR.402.703	Diagnostic Reasoning III: Clinical Management for the Adult Primary Care Nurse Practitioner. Gender/Reproductive, and Psych/Mental Health Care	3
NR.402.711	Clinical Management II: Adult-Gerontology Primary Care Nurse Practitioner	2.5
NR.400.732	Healthcare Finance for Advanced Nursing Practice	2

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Teaching or Research Residency (if needed)

Credits 10.5

Second Semester

NR.402.704	Diagnostic Reasoning IV: Clinical Management for the Adult Primary Care Nurse Practitioner: Chronic, Complex and Multi-System Illnesses and Conditions	3
NR.402.712	Clinical Management III: Adult-Gerontology Primary Care Nurse Practitioner	2
NR.400.713	Diagnostic Skills and Procedures for Advanced Practice Nursing 2: Primary Care	1

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Teaching or Research Residency (if needed)

Credits 9

Third Semester

NR.110.841	Clinical Research Residency II	1
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Credits 1

Fifth Year

First Semester

NR.402.713	Clinical Management IV: Adult-Gerontology Primary Care Nurse Practitioner	2.5
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

DNP AP Elective

Teaching or Research Residency (if needed)

Final Oral Defense

Credits 10.5

Second Semester

NR.402.714	Clinical Management V: Adult-Gerontology Primary Care Nurse Practitioner	2.5
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
DNP AP Elective		3
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		8.5
Total Credits		124

Program Total: 119 Credits [cr]/960 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Family Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.809	Quantitative Research Design and Methods	3
NR.110.800	Philosophical Perspectives in Health	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14
Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4
SON Credits = 12		
Credits		13
Third Semester		
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
Comp Exams		
Teaching Experience		
Credits		2
Second Year		
First Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2

NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2
PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3
PhD Elective		
Research Residency		
SON Credits = 12		
Credits		13

Second Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.400.710	Human Growth, Development and Supervision Birth through Adolescence	2
PhD Elective		
Research Residency		
Preliminary Oral Exams		
Credits		10

Third Semester

PhD Elective Credit		
Research Residency		
Preliminary Oral Exams		
NRSA Submission		
Credits		3

Third Year

First Semester

NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3
SON Credits = 11		
Credits		12

Second Semester

NR.400.704	Advanced Health Assessment and Measurement?for Advanced Practice Nurses	3
NR.400.701	Advanced Physiology and Pathophysiology Part II	2
NR.400.707	Pharmacology for Advanced Practice Part II	2
NR.403.700	Diagnostic Reasoning I: Wellness in Primary Care and Common Acute Health Conditions Across the Lifespan	3
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Credits		13

Third Semester

NR.405.701	Diagnostic Reasoning II- Common Acute Health Conditions in Pediatric Primary Care	3
NR.405.710	Clinical Management I: Pediatric Nurse Practitioner	1.5
NR.400.712	Diagnostic Skills and Procedures for Advanced Practice Nursing Part I	1
Credits		5.5

Fourth Year

First Semester

NR.405.702	Diagnostic Reasoning III- Children and Adolescents: Wellness, Behavioral/Mental Health, and Gender/Reproductive Health in Pediatric Primary Care	3
NR.405.711	Clinical Management II: Pediatric Nurse Practitioner	2
NR.400.732	Healthcare Finance for Advanced Nursing Practice	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Credits		10

Second Semester

NR.405.703	Diagnostic Reasoning IV- Chronic, Complex, and Multi-System Illnesses in Pediatric Primary Care	3
NR.405.712	Clinical Management III: Pediatric Nurse Practitioner	2
NR.400.713	Diagnostic Skills and Procedures for Advanced Practice Nursing 2: Primary Care	1
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Credits		9

Third Semester

NR.110.841	Clinical Research Residency II	1
NR.405.722	Pediatric Acute Care Practicum I	1.5
Credits		2.5

Fifth Year

First Semester

NR.405.720	Advanced Topics for the Acute Care Pediatric Nurse Practitioner I	3
NR.405.723	Pediatric Acute Care Practicum II	2.5
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		10.5

Second Semester

NR.405.721	Advanced Topics for the Acute Care Pediatric Nurse Practitioner II	3
NR.405.724	Pediatric Acute Care Practicum III	2.5

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		8.5
Total Credits		126

Program Total: 121 Credits [cr]/960 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Pediatric Dual Acute & Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.809	Quantitative Research Design and Methods	3
NR.110.800	Philosophical Perspectives in Health	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14
Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4
SON Credits = 12		
Credits		13
Third Semester		
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
Comp Exams		
Teaching Experience		
Credits		2
Second Year		
First Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2
NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2

PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3
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PhD Elective		3
Research Residency		
SON Credits = 12		

Credits 13

Second Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.400.710	Human Growth, Development and Supervision Birth through Adolescence	2

PhD Elective		4
Research Residency		
Preliminary Oral Exams		

Credits 11

Third Semester

PhD Elective Credit		3
Research Residency		
Preliminary Oral Exams		
NRSA Submission		

Credits 3

Third Year

First Semester

NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3

SON Credits = 11

Credits 12

Second Semester

NR.400.704	Advanced Health Assessment and Measurement for Advanced Practice Nurses	3
NR.400.701	Advanced Physiology and Pathophysiology Part II	2
NR.400.707	Pharmacology for Advanced Practice Part II	2
NR.405.700	Diagnostic Reasoning I- Newborn and Young Child: Wellness, Nutrition, and Developmental Surveillance in Pediatric Primary Care	3
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Credits 13

Third Semester

NR.405.701	Diagnostic Reasoning II- Common Acute Health Conditions in Pediatric Primary Care	3
NR.405.710	Clinical Management I: Pediatric Nurse Practitioner	1.5
NR.400.712	Diagnostic Skills and Procedures for Advanced Practice Nursing Part I	1

Credits 5.5

Fourth Year

First Semester

NR.405.702	Diagnostic Reasoning III- Children and Adolescents: Wellness, Behavioral/Mental Health, and Gender/Reproductive Health in Pediatric Primary Care	3
NR.405.711	Clinical Management II: Pediatric Nurse Practitioner	2
NR.400.732	Healthcare Finance for Advanced Nursing Practice	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Teaching or Research Residency (if needed)

Credits 10

Second Semester

NR.405.703	Diagnostic Reasoning IV- Chronic, Complex, and Multi-System Illnesses in Pediatric Primary Care	3
NR.405.712	Clinical Management III: Pediatric Nurse Practitioner	2
NR.400.713	Diagnostic Skills and Procedures for Advanced Practice Nursing 2: Primary Care	1
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Teaching or Research Residency (if needed)

Credits 9

Third Semester

NR.110.841	Clinical Research Residency II	1
NR.405.722	Pediatric Acute Care Practicum I	1.5

Credits 2.5

Fifth Year

First Semester

NR.405.720	Advanced Topics for the Acute Care Pediatric Nurse Practitioner I	3
NR.405.723	Pediatric Acute Care Practicum II	2.5
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Teaching or Research Residency (if needed)

Final Oral Defense

Credits 10.5

Second Semester

NR.405.721	Advanced Topics for the Acute Care Pediatric Nurse Practitioner II	3
NR.405.724	Pediatric Acute Care Practicum III	2.5

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		8.5
Total Credits		127

Program Total: 122 Credits [cr]/960 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Pediatric Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.809	Quantitative Research Design and Methods	3
NR.110.800	Philosophical Perspectives in Health	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14
Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4
SON Credits = 12		
Credits		13
Third Semester		
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
Comp Exams		
Teaching Experience		
Credits		2
Second Year		
First Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2
NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2

PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3
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PhD Elective		3
Research Residency		
SON Credits = 12		
Credits		13

Second Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.400.710	Human Growth, Development and Supervision Birth through Adolescence	2
PhD Elective		3
Research Residency		
Preliminary Oral Exams		
Credits		10

Third Semester		
PhD Elective Credit		3
Research Residency		
Preliminary Oral Exams		
NRSA Submission		
Credits		3

Third Year		
First Semester		
NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3
SON Credits = 11		
Credits		12

Second Semester		
NR.400.704	Advanced Health Assessment and Measurement?for Advanced Practice Nurses	3
NR.400.701	Advanced Physiology and Pathophysiology Part II	2
NR.400.707	Pharmacology for Advanced Practice Part II	2
NR.405.700	Diagnostic Reasoning I- Newborn and Young Child: Wellness, Nutrition, and Developmental Surveillance in Pediatric Primary Care	3
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Credits		13

Third Semester		
NR.405.701	Diagnostic Reasoning II- Common Acute Health Conditions in Pediatric Primary Care	3
NR.405.710	Clinical Management I: Pediatric Nurse Practitioner	1.5
NR.400.712	Diagnostic Skills and Procedures for Advanced Practice Nursing Part I	1
Credits		5.5

Fourth Year		
First Semester		
NR.405.702	Diagnostic Reasoning III- Children and Adolescents: Wellness, Behavioral/Mental Health, and Gender/Reproductive Health in Pediatric Primary Care	3
NR.405.711	Clinical Management II: Pediatric Nurse Practitioner	2
NR.400.732	Healthcare Finance for Advanced Nursing Practice	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Credits		10

Second Semester		
NR.405.703	Diagnostic Reasoning IV- Chronic, Complex, and Multi-System Illnesses in Pediatric Primary Care	3
NR.405.712	Clinical Management III: Pediatric Nurse Practitioner	2
NR.400.713	Diagnostic Skills and Procedures for Advanced Practice Nursing 2: Primary Care	1
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
Teaching or Research Residency (if needed)		
Credits		9

Third Semester		
NR.110.841	Clinical Research Residency II	1
Credits		1

Fifth Year		
First Semester		
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery	2
NR.405.713	Clinical Management IV: Pediatric Nurse Practitioner	2.5
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
DNP AP Elective		3
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		10.5

Second Semester		
NR.405.714	Clinical Management V: Pediatric Nurse Practitioner	2.5
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

DNP AP Elective	3
Teaching or Research Residency (if needed)	
Final Oral Defense	
Credits	8.5
Total Credits	124.5

Program Total: 119.5 Credits [cr]/960 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Psychiatric Mental Health Nurse Practitioner Track Program of Study

Course	Title	Credits
First Year		
First Semester		
NR.110.809	Quantitative Research Design and Methods	3
NR.110.800	Philosophical Perspectives in Health	3
PH.140.621	Statistical Methods in Public Health I (3cr SON) ¹	4
PH.140.622	Statistical Methods in Public Health II (3cr SON) ¹	4
SON Credits = 12		
Credits		14

Second Semester		
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III (3cr SON) ¹	4
SON Credits = 12		
Credits		13

Third Semester		
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
Comp Exams		
Teaching Experience		
Credits		2

Second Year		
First Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.400.723	Advanced Health Policy	2
NR.400.727	Organizational and Systems Leadership for Quality Healthcare	2

PH.390.678	Introduction to Quality Improvement & Knowledge Translation Research (2cr SON) ¹	3
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PhD Elective		3
Research Residency		
SON Credits = 12		

Credits 13

Second Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.400.710	Human Growth, Development and Supervision Birth through Adolescence	2

PhD Elective		3
Research Residency		
Preliminary Oral Exams		

Credits 10

Third Semester

PhD Elective Credit		3
Research Residency		
Preliminary Oral Exams		
NRSA Submission		

Credits 3

Third Year

First Semester

NR.400.721	Health Promotion and Disease Across the Lifespan	2
NR.400.700	Advanced Physiology and Pathophysiology Part I	2
NR.400.706	Pharmacology for Advanced Practice Part I	2
NR.400.738	Advanced Applications of Information Technology in Healthcare Delivery	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
PH.312.693	Introduction to Comparative Effectiveness and Outcomes Research (2cr SON) ¹	3

SON Credits = 11

Credits 14

Second Semester

NR.400.704	Advanced Health Assessment and Measurement for Advanced Practice Nurses	3
NR.400.701	Advanced Physiology and Pathophysiology Part II	2
NR.400.707	Pharmacology for Advanced Practice Part II	2
NR.403.700	Diagnostic Reasoning I: Wellness in Primary Care and Common Acute Health Conditions Across the Lifespan	3

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Credits 13

Third Semester

NR.406.700	Introduction to Psychiatric Mental Health Nurse Practitioner Practice Interview Techniques	2
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NR.406.703	Diagnostic Skills for Psychiatric and Mental Health Advanced Practice Nursing	1
Elective		2

Credits 5

Fourth Year

First Semester

NR.406.706	Neurobiology of Mental Disorders	1
NR.406.708	Clinical Psychopharmacology	2
NR.406.710	Differential Diagnosis of Mental Disorders	3
NR.406.712	Psychotherapeutic Frameworks and Modalities	2
NR.400.732	Healthcare Finance for Advanced Nursing Practice	2
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Credits 13

Second Semester

NR.406.714	Diagnostic Reasoning I: Psychiatric Mental Health Nurse Practitioner. Adult/Gero	1
NR.406.720	Clinical Management I: Psychiatric Mental Health Nurse Practitioner. Adult/Gero	3
NR.406.724	Integrated Care I for the Psychiatric/Mental Health Nurse Practitioner	1
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2

Credits 8

Third Semester

NR.406.715	Diagnostic Reasoning II: Psychiatric Mental Health Nurse Practitioner. Children and Families	1
NR.406.722	Clinical Management II: Psychiatric Mental Health Nurse Practitioner. Children and Families	2
NR.110.841	Clinical Research Residency II	1

Credits 4

Fifth Year

First Semester

NR.406.725	Integrated Care II, for the Psychiatric/Mental Health Nurse Practitioner	1
NR.406.730	Clinical Management III: Psychiatric Mental Health Nurse Practitioner	4
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
DNP AP Elective		3
Teaching or Research Residency (if needed)		
Final Oral Defense		

Credits 11

Second Semester

NR.406.731	Clinical Management IV: Psychiatric Mental Health Nurse Practitioner	4
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NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	2
DNP AP Elective		1
Teaching or Research Residency (if needed)		
Final Oral Defense		
Credits		8
Total Credits		131

Program Total: 126 Credits [cr]/1040 NP Clinical Hours [CL]

¹ Public Health Courses are listed in Public Health Credit System. Refer to SON Credits in parenthesis for the School of Nursing Conversion

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

Programs of Study SU23 & Earlier

For current students in Fall 2023 or earlier cohorts:

Please Note: In the following Plans of Study, School of Public Health courses (PH.XXX.XXX) are offered on the quarter system and are depicted here as [credits & units] and count accordingly in each school. Course descriptions for the Public Health courses (PH) are available on Course Search Page (<https://courses.jhu.edu/>).

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Acute Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13
Fourth Semester		
NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1

NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Credits		5
Fifth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0
Credits		9-10
Sixth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0
Credits		9-10
Seventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
Electives		2
Research Residency		0
IRB Submission		0
Credits		8-9
Eighth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3
Credits		12-13
Ninth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.605	Diagnostic Skills and Procedures for Advanced Practice Nursing	2
Electives (as needed)		3
Credits		7-8
Tenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.660	Introduction to Acute Care (56CL)	4
Research or Teaching Residency		0
Credits		6-7

Eleventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.661	Advanced Practice in Acute Care I (168CL)	6
Research or Teaching Residency		0
Credits		8-9

Twelfth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.662	Advanced Practice in Acute Care II (168CL)	4
Clinical Research Residency II		1
Credits		7-8

Thirteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.663	Advanced Practice in Acute Care III (168CL)	4
Credits		6-7

Fourteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.664	Advanced Practice in Acute Care IV (224CL)	6
Research or Teaching Residency		0
Final Oral Defense		0
Credits		8-9

Fifteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
Final Oral Defense (as needed)		0
Credits		2-3

Total Credits 121-132

Program Total: 129 Credits [cr]/784 NP Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement.

DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Critical Care Clinical Nurse Specialist Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7

Second Semester

NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14

Third Semester

NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13

Fourth Semester

NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Comprehensive Exams		0
Credits		5

Fifth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0
Credits		9-10

Sixth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0
Credits		9-10

Seventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
Electives		2
Research Residency		0
IRB Submission		0
Credits		8-9

Eighth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4

NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3
Credits		12-13
Ninth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Electives (as needed)		3
Credits		5-6
Tenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.650	Clinical Judgment I-The Role of the CNS in Clinical Decision Making: Common Health Problems	3
Research or Teaching Residency		0
Credits		5-6
Eleventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.651	Clinical Judgment II-The Role of the CNS in Clinical Decision Making: Acute & Chronic Health Problems	3
NR.210.653	Clinical Practicum I-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3
Research or Teaching Residency		0
Credits		8-9
Twelfth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.654	Clinical Practicum II-Clinical Nurse Specialist: Advanced Practice Management (168CL)	4
Clinical Research Residency II		1
Credits		7-8
Thirteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.652	Clinical Judgment III-The Role of the CNS in Clinical Decision Making: Complex Health Problems	3
NR.210.655	Clinical Practicum III-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3
Credits		8-9
Fourteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
NR.210.656	Clinical Practicum IV-Clinical Nurse Specialist: Advanced Practice Management	4
Final Oral Defense		0
Credits		6-7

Fifteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
Final Oral Defense (as needed)		0
Credits		2-3
Total Credits		118-129

Program Total: 124 Credits [cr]/672 CNS Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. Dissertation Seminar & Dissertation courses provide additional practice hours to meet the requirement. CNS Students may take NR.210.605 Diagnostic Skills and Procedures for Advanced Practice Nursing as a 2 credit elective. Please note, this course has an onsite requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Health Clinical Nurse Specialist Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13
Fourth Semester		
NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Comprehensive Exams		0
Credits		5
Fifth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3

NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0

Credits 9-10

Sixth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0

Credits 9-10

Seventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
Electives		2
Research Residency		0
IRB Submission		0

Credits 8-9

Eighth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3

Credits 12-13

Ninth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Electives (as needed)		3

Credits 5-6

Tenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.650	Clinical Judgment I-The Role of the CNS in Clinical Decision Making: Common Health Problems	3
Research or Teaching Residency		0

Credits 5-6

Eleventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.651	Clinical Judgment II-The Role of the CNS in Clinical Decision Making: Acute & Chronic Health Problems	3
NR.210.653	Clinical Practicum I-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3

Research or Teaching Residency		0
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Credits 8-9

Twelfth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.654	Clinical Practicum II-Clinical Nurse Specialist: Advanced Practice Management (168CL)	4

Clinical Research Residency II		1
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Credits 7-8

Thirteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.652	Clinical Judgment III-The Role of the CNS in Clinical Decision Making: Complex Health Problems	3

NR.210.655	Clinical Practicum III-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3
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Credits 8-9

Fourteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.656	Clinical Practicum IV-Clinical Nurse Specialist: Advanced Practice Management	4

Research or Teaching Residency		0
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Final Oral Defense		0
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Credits 6-7

Fifteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
Final Oral Defense (as needed)		0

Credits 2-3

Total Credits 118-129

Program Total: 124 Credits [cr]/672 CNS Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. CNS Students have the option to take NR.210.605 Diagnostic Skills and Procedures for Advanced Practice Nursing as a 2 credit elective. Please note, this course has an onsite requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Adult-Gerontological Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2

NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13
Fourth Semester		
NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Comprehensive Exams		0
Credits		5
Fifth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0
Credits		9-10
Sixth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0
Credits		9-10
Seventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
Electives		2
Research Residency		0
IRB Submission		0
Credits		8-9

Eighth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3
Credits		12-13
Ninth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.605	Diagnostic Skills and Procedures for Advanced Practice Nursing	2
NR.210.640	Clinical Reasoning I: Common Acute Illness	2
Electives (as needed)		3
Credits		9-10
Tenth Semester		
NR.210.641	Clinical Reasoning II: Common Chronic Illnesses in Adult/Geriatric Health	2
NR.210.645	Clinical Practicum I: Adult-Gerontological Nurse Practitioner (112CL)	2
NR.110.890	Dissertation Seminar	1
Research or Teaching Residency		0
Credits		5
Eleventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.642	Clinical Reasoning III: Clinical Management for the Primary Care Nurse Practitioner in Acute Complex Issues from Adolescence to Aging and Issues in Gender Health	2
NR.210.646	Clinical Practicum II: Adult-Gerontological Nurse Practitioner (112CL)	2
Research or Teaching Residency		0
Credits		6-7
Twelfth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.643	Clinical Reasoning IV: Complex Chronic Illness	2
NR.210.647	Clinical Practicum III: Adult-Gerontological Nurse Practitioner (112CL)	2
Clinical Research Residency II		1
Credits		7-8
Thirteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.644	Clinical Reasoning V: Topics for Nurse Practitioner Practice	2
NR.210.648	Clinical Practicum IV: Adult-Gerontological Nurse Practitioner (112CL)	2
Credits		6-7
Fourteenth Semester		
NR.110.890	Dissertation Seminar	1

NR.110.899	Dissertation	1 - 2
NR.210.649	Clinical Practicum V: Adult-Gerontological Nurse Practitioner (224CL)	4
	Research or Teaching Residency	0
	Final Oral Defense	0

Credits 6-7

Fifteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
	Research or Teaching Residency	0
	Final Oral Defense (as needed)	0

Credits 2-3

Total Credits 118-128

Program Total: 127 Credits [cr]/672 NP Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Family Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13
Fourth Semester		
NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
	Comprehensive Exams	0
Credits		5

Fifth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.603	Human Growth and Development: Birth through Adolescence	1
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
	Electives	4
	Research Residency	0
	Preliminary Orals/NRSA	0

Credits 12-13

Sixth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
	Preliminary Orals/NRSA Submission	0

Credits 9-10

Seventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
NR.210.604	Health Supervision: Birth through Adolescence	2
	Research Residency	0
	IRB Submission	0

Credits 8-9

Eighth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
	Electives (as needed)	3

Credits 12-13

Ninth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.605	Diagnostic Skills and Procedures for Advanced Practice Nursing	2
NR.210.620	Clinical Reasoning I: Common Acute Illnesses in Pediatrics	2
	Electives (as needed)	3

Credits 9-10

Tenth Semester

NR.210.621	Clinical Reasoning II: Common Chronic Illnesses in Adult/Geriatric Health	2
NR.210.625	Clinical Practicum I: Family Nurse Practitioner (168CL)	3

NR.110.890	Dissertation Seminar	1
Research or Teaching Residency		0
Credits		6
Eleventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.622	Clinical Reasoning III: Clinical Management for the Primary Care Nurse Practitioner in Acute Complex Issues from Adolescence to Aging and Issues in Gender Health	2
NR.210.626	Clinical Practicum II: Family Nurse Practitioner (168CL)	3
Research or Teaching Residency		0
Credits		7-8
Twelfth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.623	Clinical Reasoning IV: Common Acute and Complex Chronic Illnesses in Primary Care in Adults/Geriatrics	2
NR.210.627	Clinical Practicum III: Family Nurse Practitioner (112CL)	2
Clinical Research Residency II		1
Credits		7-8
Thirteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.624	Clinical Reasoning V: Clinical Management for the Family Nurse Practitioner - Role Transition and Special Topics in Family Health	2
NR.210.628	Clinical Practicum IV: Family Nurse Practitioner (112CL)	2
Credits		6-7
Fourteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.629	Clinical Practicum V: Family Nurse Practitioner (224CL)	4
Research or Teaching Residency		0
Final Oral Defense		0
Credits		6-7
Fifteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
Final Oral Defense (as needed)		0
Credits		2-3
Total Credits		123-133

Program Total: 132 Credits [cr]/784 NP [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD

specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Pediatric Critical Care Clinical Nurse Specialist Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2
PH.140.623	Statistical Methods in Public Health III	4
Credits		13
Fourth Semester		
NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Comprehensive Exams		0
Credits		5
Fifth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.603	Human Growth and Development: Birth through Adolescence	1
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0
Credits		10-11
Sixth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2

NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0
Credits		9-10
Seventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
Electives		2
Research Residency		0
IRB Submission		0
Credits		8-9
Eighth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3
Credits		12-13
Ninth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Electives (as needed)		3
Credits		5-6
Tenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.650	Clinical Judgment I-The Role of the CNS in Clinical Decision Making: Common Health Problems	3
Research or Teaching Residency		0
Credits		5-6
Eleventh Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.651	Clinical Judgment II-The Role of the CNS in Clinical Decision Making: Acute & Chronic Health Problems	3
NR.210.653	Clinical Practicum I-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3
Research or Teaching Residency		0
Credits		8-9
Twelfth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.654	Clinical Practicum II-Clinical Nurse Specialist: Advanced Practice Management	4
Clinical Research Residency II		1
Credits		7-8
Thirteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2

NR.210.652	Clinical Judgment III-The Role of the CNS in Clinical Decision Making: Complex Health Problems	3
NR.210.655	Clinical Practicum III-Clinical Nurse Specialist: Advanced Practice Management (168CL)	3
Credits		8-9
Fourteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.656	Clinical Practicum IV-Clinical Nurse Specialist: Advanced Practice Management	3
Research or Teaching Residency		0
Final Oral Defense		0
Credits		5-6
Fifteenth Semester		
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
Research or Teaching Residency		0
Final Oral Defense (as needed)		0
Credits		2-3
Total Credits		118-129

Program Total: 125 Credits [cr]/672 CNS Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. CNS Students have the option to take NR.210.605 Diagnostic Skills and Procedures for Advanced Practice Nursing as a 2 credit elective. Please note, this course has an onsite requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

DNP Advanced Practice/PhD Dual Degree Pediatric Primary Care Nurse Practitioner Track Program of Study

Course	Title	Credits
First Semester		
NR.210.607	Context of Health Care for Advanced Nursing Practice	3
NR.210.610	Health Promotion and Risk Reduction Across the Lifespan	2
NR.210.822	Health Information Systems and Patient Care Technologies	2
Credits		7
Second Semester		
NR.110.800	Philosophical Perspectives in Health	3
NR.110.809	Quantitative Research Design and Methods	3
PH.140.621	Statistical Methods in Public Health I	4
PH.140.622	Statistical Methods in Public Health II	4
Credits		14
Third Semester		
NR.110.814	Scientific Perspectives in Nursing	3
NR.110.815	Qualitative Research Designs and Methods	2
NR.110.816	Mixed Methods Research Designs	2
NR.110.828	Measurement in Health Care Research	2

PH.140.623	Statistical Methods in Public Health III	4
Credits		13

Fourth Semester

NR.210.806	Health Finance	2
NR.110.827	Grant Writing	1
NR.110.840	Clinical Research Residency I	1
NR.110.841	Clinical Research Residency II	1
Comprehensive Exams		0
Credits		5

Fifth Semester

NR.210.603	Human Growth and Development: Birth through Adolescence	1
NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.803	Nursing Inquiry for Evidence-Based Practice	3
NR.210.804	Organizational and Systems Leadership for Quality Care	2
Electives		2
Research Residency		0
Preliminary Orals/NRSA		0
Credits		10-11

Sixth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.110.891	Responsibilities & Activities of the Nurse Scientist	2
NR.210.802	Advanced Nursing Health Policy	2
NR.210.805	Translating Evidence into Practice	3
Preliminary Orals/NRSA Submission		0
Credits		9-10

Seventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.602	Clinical Pharmacology	4
NR.210.604	Health Supervision: Birth through Adolescence	2
Electives		2
Research Residency		0
IRB Submission		0
Credits		10-11

Eighth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.600	Advanced Physiology/Pathophysiology	4
NR.210.601	Advanced Health Assessment and Measurement	3
Electives (as needed)		3
Credits		12-13

Ninth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2

NR.210.605	Diagnostic Skills and Procedures for Advanced Practice Nursing	2
NR.210.630	Clinical Reasoning I - Clinical Management for the Pediatric Nurse Practitioner: Common Acute Illnesses in Pediatrics	2
Electives (as needed)		3

Credits **9-10****Tenth Semester**

NR.210.631	Clinical Reasoning II-Clinical Management for the Pediatric Nurse Practitioner: Chronic Illnesses in Pediatrics	2
NR.210.635	Clinical Practicum I: Pediatric Nurse Practitioner (112CL)	2
NR.110.890	Dissertation Seminar	1
Research or Teaching Residency		0
Credits		5

Eleventh Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.632	Clinical Reasoning III: Acute Complex Problems with Gender and Behavior Health (with variations)	2
NR.210.636	Clinical Practicum II: Pediatric Nurse Practitioner (112CL)	2
Research or Teaching Residency		0
Credits		6-7

Twelfth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.633	Clinical Reasoning IV-Clinical Management for the Pediatric Nurse Practitioner: Problems Specific to the Newborn/Infant	2
NR.210.637	Clinical Practicum III: Pediatric Nurse Practitioner (112CL)	2
Clinical Research Residency II		1
Credits		7-8

Thirteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.634	Clinical Reasoning V - Topics for Pediatric Nurse Practitioner Practice	2
NR.210.638	Clinical Practicum IV: Pediatric Nurse Practitioner (112CL)	2
Credits		6-7

Fourteenth Semester

NR.110.890	Dissertation Seminar	1
NR.110.899	Dissertation	1 - 2
NR.210.639	Clinical Practicum V: Pediatric Nurse Practitioner (224CL)	4
Research or Teaching Residency		0
Preliminary Orals		0
Credits		6-7

Fifteenth Semester

NR.110.890	Dissertation Seminar	1
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NR.110.899	Dissertation	1 - 2
	Research or Teaching Residency	0
	Preliminary Orals (as needed)	0
	Credits	2-3
	Total Credits	121-131

Program Total: 130 Credits [cr]/672 NP Clinical Hours [CL]

A minimum of 1000 practice hours is required for the DNP. The Dissertation Seminar & Dissertation courses will provide additional practice hours to meet this requirement. DNP/PhD students must take 9 credit elective hours PhD specific coursework to be considered having completed their required electives for the program.

At the completion of the dual degree program, the graduate:

- Functions at the highest level of nursing practice by integrating nursing, public health, and medical science with ethics and the biophysical, psychosocial, analytical, organizational, and public health sciences.
- Demonstrates organizational and systems leadership for quality and safety.
- Utilizes clinical scholarship and analytical methods for evidence-based practice.
- Applies information systems and technology for the provision and/or transformation of health care.
- Leverages transdisciplinary collaboration for the improvement of individual and population health outcomes.
- Utilizes strategies for risk reduction/illness prevention, health promotion, and health maintenance for individuals and populations.
- Develops, evaluates, advocates, and provides leadership for health care policy that shapes health care financing, regulation, access, and delivery.
- Possesses knowledge and skills in theoretical, methodological, and analytic approaches that will enable them to conduct and apply research and analytical methods to discover, apply and advance knowledge in nursing science, health, and health care.
- Assumes a leadership role in nursing and in the broader arena of health and health care both nationally and internationally.
- Develops, evaluates, advocates, and provides leadership for health care policy that shapes health care financing, regulation, access, and delivery.
- Provides leadership to address health inequities through creative research and articulation of the value propositions guiding the research.

The DNP/PhD Program also meets the specific DNP Program Outcomes

(<https://e-catalogue.jhu.edu/nursing/doctoral-degrees/dnp/#learningoutcomestext>).