**NURSING: HEALTH DATA SCIENCE (D.N.P.)**

https://online.unh.edu/program/dnp/nursing-health-data-science

### Description

The online Post Baccalaureate Doctor of Nursing Practice (PB DNP) program Health Data Science (HDS) option is focused on leadership and innovation. Graduates will meet the qualifications for ANCC Informatics Nursing Certification.

The PB DNP admits cohorts twice a year with start dates in January and August. Applicants will be scheduled for a virtual interview when their application is complete. Asynchronous courses are delivered 100% online in 8-week blocks so students may plan their own study times.

The PB DNP program has required foundation core courses and HDS courses. After completing the foundational core, students will enter the HDS option. The PB DNP program can be completed in 4.5 years or in 3.5 years with an accelerated plan of study.

Students will work with dedicated nursing faculty to design, implement and evaluate their capstone quality improvement project. Students will present their DNP project at our DNP Scholarly Symposium at the end of the program.

### Admission Requirements

1. Registered Nurse licensure: An unencumbered registered nurse license in the United State
2. Baccalaureate degree in nursing or another field
3. Letters of recommendation: Three letters of reference pertaining to academic ability, professional competency, and personal character are required.
4. Updated resume
5. Professional statement: The professional statement must include a written essay responding to each of the following:
   a. Describe a clinical experience that demonstrates your critical thinking and readiness to enter doctoral study
   b. Explain how you use a nursing theoretical/conceptual lens to improve care.
   c. Tell us about a U.S. policy or health issue you are passionate about and why.
6. Interview: After initial review of the application, applicants may be contacted for an interview.

### Requirements

**PB DNP: Health Data Science (HDS) program (69 credits; 1000 practicum hours)**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NURS 900</td>
<td>Foundations of Scholarly Writing &amp; Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>NURS 812</td>
<td>Advanced Pharmacology and Therapeutics</td>
<td>3</td>
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<td>NURS 814</td>
<td>Advanced Health Assessment Across the Lifespan</td>
<td>3</td>
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<td>NURS 816</td>
<td>Health Promotion Theory and Population Health</td>
<td>3</td>
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<td>NURS 818</td>
<td>Foundations of Evidence Based Practice</td>
<td>3</td>
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<tr>
<td>NURS 820</td>
<td>Advanced Physiology and Pathophysiology Across the Lifespan</td>
<td>3</td>
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<tr>
<td>NURS 910</td>
<td>Genomics &amp; Ethics</td>
<td>3</td>
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**Student Learning Outcomes**

- Employ strategic leadership skills to shape practice environments to produce positive, patient centered, healthcare outcomes at individual and system levels.
- Serve in a healthcare leadership and change agent role as part of a diverse, complex, and patient-centered health care system.
- Act as a practice scholar to design, direct and evaluate system changes to promote safe, timely, effective, efficient, equitable and patient-centered care.
- Use data analytic methods, information systems and technology to evaluate, integrate and apply knowledge that will improve programs of care, outcomes of care and care systems.
- Use translational science and analytic methods to develop, identify, implement, and evaluate best practices to improve health care and health care systems.
- Design and implement health promotion and clinical prevention strategies across the health/illness continuum to optimize health and disease management.
- Systematically use improvement methods to monitor and evaluate care processes and outcomes and applies data for continuous improvement and safety
- Advocate for social justice through policy, professional and political engagement.
- Applies leadership principles that support inter-professional practice.
- Facilitate interprofessional collaboration to implement practice models, peer review, practice guidelines, health policy, and standards of care.