The Northeastern University health informatics and physician assistant combined program allows qualified and interested students to achieve their goal of obtaining a more robust understanding of healthcare technology while also completing robust clinical training in the physician assistant program. This prepares a select group of exceptionally qualified clinicians to become leaders in healthcare technology application and development and fosters interdisciplinary collaboration in order to address problems in the healthcare and health information environments both locally and across the globe. The joint program is designed to provide students a greater understanding of technological issues in clinical practice, quantitative methods, and the use of scientific evidence and cutting-edge technology to optimize clinical workflows and improve patient outcomes.

This dual degree takes 34 months to complete (as opposed to 48, if each degree were pursued separately), and a total number of 8 credits are shared between both degrees.

Program Requirements
Complete all courses and requirements listed below unless otherwise indicated.

Physician Assistant Requirements
A grade of C or higher is required in each course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA 6208</td>
<td>Professional Issues for Physician Assistants</td>
<td>2</td>
</tr>
<tr>
<td>PA 6326</td>
<td>Aspects of Primary Care</td>
<td>4</td>
</tr>
<tr>
<td>PA 6327</td>
<td>Emergency Medicine and Critical Care</td>
<td>2</td>
</tr>
<tr>
<td>PA 6328</td>
<td>Aging and Rehabilitation Medicine</td>
<td>2</td>
</tr>
<tr>
<td>PA 6329</td>
<td>Healthcare Delivery</td>
<td>2</td>
</tr>
</tbody>
</table>

Anatomy & Physiology
PA 6200 Anatomy and Physiology 1 3
PA 6201 Anatomy and Physiology 2 3

Diagnosis & Evaluation
PA 6203 Physical Diagnosis and Patient Evaluation 1 3
PA 6204 Physical Diagnosis and Patient Evaluation 2 3

Pharmacology
PA 6205 Pharmacology 1 2
PA 6206 Pharmacology 2 2
PA 6207 Clinical Laboratory and Diagnostic Methods 4

Principles
PA 6311 Principles of Medicine 1 4
PA 6312 Principles of Medicine 2 4
PA 6313 Principles of Medicine 3 4
PA 6320 Principles of Obstetrics and Gynecology 2
PA 6321 Principles of Surgery 2
PA 6322 Principles of Orthopedics 2
PA 6323 Clinical Neurology 2
PA 6324 Principles of Pediatrics 2

PA 6325 Principles of Psychiatry 2

Clinical
PA 6400 Applied Study in Medicine 5
PA 6401 Applied Study in Ambulatory Medicine 5
PA 6402 Applied Study in Family Practice 5
PA 6403 Applied Study in Emergency Medicine 5
PA 6404 Applied Study in Obstetrics and Gynecology 5
PA 6405 Applied Study in Pediatrics 5
PA 6406 Applied Study in Surgery 5
PA 6407 Applied Study in Mental Health 5
PA 6408 Applied Study Elective 5

Health Informatics Requirements
A grade of B– or higher is required in each course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HINF 7701</td>
<td>Health Informatics Capstone Project</td>
<td>3</td>
</tr>
</tbody>
</table>

Business Management
Complete two courses from the following: 6

HINF 6202 Business of Healthcare Informatics
HINF 6215 Project Management
HINF 6240 Improving the Patient Experience through Informatics
HINF 6335 Management Issues in Healthcare Information Technology
PHTH 5226 Strategic Management and Leadership in Healthcare

Health Informatics
Complete two courses from the following: 6

HINF 5102 Data Management in Healthcare
HINF 5110 Global Health Information Management
HINF 5200 Theoretical Foundations in Personal Health Informatics
HINF 6205 Creation and Application of Medical Knowledge
HINF 6350 Public Health Surveillance and Informatics
HINF 6404 Patient Engagement Informatics and Analytics
HINF 6405 Quantifying the Value of Informatics
PHTH 5232 Evaluating Healthcare Quality

Technical

PHTH 5202 Introduction to Epidemiology 3
PHTH 5210 Biostatistics in Public Health 3

Electives
Complete two courses from the following: 6

HINF 6345 Design for Usability in Healthcare
DA 5020 Collecting, Storing, and Retrieving Data
### Program Credit/GPA Requirements

128 total semester hours required  
Minimum 3.000 GPA required