# Medical Coding

## Delivery Methods
- **Face-to-Face:** Wahpeton
- **Online:** All Classes Combination

## Contact Information
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Coders review medical documentation, using classification system software and assign medical codes. The codes are used for billing, research, statistics, reporting, and administrative purposes. Work settings include hospitals, clinics, home health agencies, long-term care, insurance, consulting and auditing firms, and healthcare software companies. With appropriate experience, coders may be employed remotely (at-home).

NDSCS offers North Dakota's only medical coding certificate approved by the AHIMA Professional Certificate Approval Program (PCAP).

According to the Bureau of Labor Statistics, employment of health information technicians (classification includes medical coders) is projected to grow 13 percent from 2016 to 2026, faster than the average for all occupations.

Coders have the opportunity to work with all types of authentic health records, including medical, dental, veterinary, and long-term care. This career offers opportunity for further advancement in the profession.

The program is available both online and in a traditional campus environment.

### Practicum

Academic training includes online learning laboratories. At the end of the program, students will complete a capstone virtual practicum, coding a variety of types of authentic health records, using encoder/grouper software.

### Delivery Options

The program is available both online and in a traditional campus environment. Online students complete all courses online, while on-campus students complete HIT prefix courses online and most related/general education courses in a traditional classroom.

Transfer credit will be evaluated per college policy.

This program requires access to a personal laptop and printer, capable of completing the assignments/testing required by the program, with a current operating system and webcam/microphone. Tablets and Chromebooks are not compatible with online classes/testing.

## Admission Requirements*

The applicants must be high school graduates or equivalent. Helpful courses to prepare for this program are computer applications, anatomy, and medical terminology.

Submit official ACT and/or Placement testing results to **Enrollment Services**

Applicants must have the ability to perform the Essential Program Requirements as listed in the Health Information Program Information FAQ file on the college website www.NDSCS.edu.

*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.

## Curriculum Requirements

A grade of "C" or above must be achieved in all courses in order to advance in the program and prior to taking the practicum course. Required computer skills including ability to use email, upload and download files, install software and navigate the internet. The program is sequenced with pre/co-requisites.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT 176</td>
<td>Introduction to Health Information</td>
<td>4</td>
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<tr>
<td>HIT 180</td>
<td>Pathopharmacology</td>
<td>3</td>
</tr>
<tr>
<td>HIT 184</td>
<td>Basic Diagnosis Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIT 185</td>
<td>Basic Procedure Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIT 285</td>
<td>Reimbursement Methodologies</td>
<td>3</td>
</tr>
<tr>
<td>HIT 286</td>
<td>Intermediate Diagnosis Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIT 287</td>
<td>Computer Applications in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>HIT 288</td>
<td>Intermediate Procedure Coding</td>
<td>3</td>
</tr>
<tr>
<td>HIT 197C</td>
<td>Practicum</td>
<td>2</td>
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</tbody>
</table>

## Related/General Education Courses

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>BIOL 220**</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 221**</td>
<td>3</td>
</tr>
<tr>
<td>BOTE 171</td>
<td>4</td>
</tr>
<tr>
<td>CSCI 116</td>
<td>3</td>
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<td>FYE 101</td>
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</table>

### Total Required Credits

41

**BIOL 220L and BIOL 221L are recommended for students who are planning to complete a transfer degree at a later time.

## Program Approval Statement

The North Dakota State College of Science comprehensive coding program is approved by the AHIMA Professional Certificate Approval Program (PCAP). This designation acknowledges the coding program as having been evaluated by a peer review process using a national minimum set of standards for entry-level coding professionals. This process allows academic institutions to be acknowledged as offering an AHIMA Approved Coding Certificate Program.

### “Value for Students” Statement

The valuable AHIMA PCAP approval designation:

a. Identifies specialized programs that meet established coding educational standards.

b. Stimulates improvement of educational standards through faculty development opportunities, and by involving faculty and staff in program evaluation and planning.

c. Provides reasonable assurance that practitioners possess the necessary job skills upon entry into the profession.

## Program Goals and Student Learning Outcomes

Published in program handbook.

### Award

Upon successful completion of the required courses, students will be awarded a certificate in Health Information with an emphasis in Medical Coding.

AHIMA sponsors a voluntary entry-level coding certification examination, the Certified Coding Associate (CCA). The CCA credential distinguishes coders by exhibiting commitment and demonstrating coding competencies across all settings, including both hospitals and physician practices. Completion of an AHIMA-approved coding program (PCAP Program) is one of the training and recommendations listed on the AHIMA website (www.ahima.org).

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