# PROGRAM OVERVIEW

The Medical Coding and Health Care Data Analytics for Practice certificate program will enhance students' understanding of medical coded data and its impact on health care revenue integrity, health care data analytics, and health care research. Students can apply this knowledge to effectively analyze and evaluate available medical coded data in an actual practice setting. All required courses are offered online.

# APPLICATION REQUIREMENTS

**2.0 GPA or higher**
A minimum 2.0 cumulative GPA (on a 4.0 scale) in all coursework taken at all accredited higher education institutions.

**Healthcare Education or Work Experience**
Applicants must have prior education in a health care field or experience working in health care.

**Online Application**
The application is available online and must be completed and submitted with all required supplemental documents. Application instructions can be found here.

## APPLICATION DEADLINES

The MCHDAPC applications are accepted for the autumn semester each year. The application deadline for Autumn 2024 is July 15, 2024, for domestic students and June 15, 2024, for international students. The program will begin August 20, 2024.

# THE MCHDAPC PROGRAM BEST SUITS:

- Those currently employed as medical and health care managers, including medical group practice managers and reimbursement managers.
- Information technology or quality staff in health care settings.
- Second or third-year undergraduate students are currently enrolled in health and rehabilitation sciences, engineering, business, computer science, or nursing.

# EMPLOYMENT OPPORTUNITIES

- Health Care Data Analyst
- Medical Office Manager
- Health Care Quality Manager
- Health Care Research Assistant
- Graduate school opportunities (Clinical and research)
- Job promotion/transition opportunities

# CERTIFICATE REQUIREMENTS

To obtain the certificate, a student must successfully complete all four required courses (12 credit hours) with a minimum C- grade required for each course. Students must also maintain a minimum 2.0 cumulative GPA in the program. Due to the nature of the program, transfer or EM credit cannot meet any certificate requirements. Additionally, fifty percent of the certificate coursework must be distinct from current undergraduate degree coursework.

Before enrollment in the last required course, a graduation application must be submitted to formally receive the certificate at the end of the semester of course completion. Students who successfully complete the undergraduate certificate program are not eligible to participate in the HRS Honors program, Research Distinction in their field of study, Latin honors designations, and University Commencement, except if they are also graduating from a degree-seeking program that same term. If students are not graduating from a degree-seeking program, they will receive a mailed completion document in the form of a certificate after the term of completion.

# CERTIFICATE COURSEWORK

The program can be completed part-time in as little as two semesters. HIMS 5610 and HIMS 5551 are prerequisites to HIMS 5661. HIMS 5700 should be taken after the completion of the other three courses. Course offerings are subject to change.

### HIMS 5610 (3) Medical Coding for Clinical Practice
An introduction to the concepts, principles, and applications of various health information coding classification systems used in various health care settings. There is a strong emphasis on using and understanding the International Classification of Diseases – 10th edition – Clinical Modification and Procedure Coding System, computerized encoding systems for ICD-10-CM/PCS and HCPCS.  Students will understand the importance of data quality to ensure efficiency and accuracy. **Offered: Autumn, First Session**

### HIMS 5551 (3) Health Care Reimbursement for Practitioners
This course will introduce the health care practitioner to healthcare reimbursement and introduce medical billing and an overview of a variety of payment systems. The course will discuss prevalent retrospective and prospective models for reimbursement used in today's health care environment. It will examine the current alternative payment models utilized by The Centers for Medicare and Medicaid (CMS) and commercial payers and provide an overview of CMS oversight of claims payment and the role auditing plays in practice or facility revenue cycle. **Offered: Autumn, Second Session**

### HIMS 5661 (3) Applied Health Care Analytics
The course will discuss how analytics are used in operational performance improvement, quality improvement, productivity assessment, value-based care initiatives, and health care research. It requires using commonly used statistical methods, including descriptive and inferential statistics, and creating charts and graphs. The data sets utilized in this course include ICD-10-CM/PCS and CPT code sets. This course facilitates the use of data to inform clinical practice, and the work in this class builds toward undertaking an individual project. **Offered: Spring, First Session**

### HIMS 5700 (3) Project in Health Information Management and Systems
Students apply theoretical knowledge acquired from the certificate program to a project that closely resembles what would be done in a realistic work environment. **Offered: Spring, Second Session**

The undergraduate program curriculum provides a foundation of education on medical coding and healthcare data analytics. Courses in the certificate program will equip students with theoretical and practical knowledge, enabling them to effectively analyze and evaluate available medical coded data in an actual practice setting. This program can be completed within two semesters with continuous enrollment or longer at a desired pace.

International applicants should be aware that countries may or may not regulate distance education provided to students in their jurisdiction or require foreign higher education institutions to comply with distance education regulations. At this time, the Ohio State University cannot guarantee that an academic program meets curriculum requirements in your country.

Ohio State academic programs are designed to prepare students to sit for applicable licensure or certification in Ohio. If you plan to pursue licensure or certification in a state other than Ohio, please review state educational requirements for licensure and certification and state licensing board contact information here for online programs and here for on-campus programs.