PROGRAM OVERVIEW

User experience design is the process of creating products that provide meaningful and relevant experiences to users. The Usability and User Experience in Health Care Certificate (UUEH) program aims to cross-train students with health care knowledge and experience in user experience design methods. 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.

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

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 UNDERGRADUATE UUEH PROGRAM BEST SUITS:

- Currently employed in hospital information technology or quality departments seeking those positions.
- Second or third-year undergraduate students are currently enrolled in health and rehabilitation sciences, engineering, business, computer science, or nursing.

EMPLOYMENT OPPORTUNITIES

- Usability specialist
- User experience designer
- Human factors engineer
- 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 undergraduate certificate program. Due to the nature of the program, transfer or EM credit cannot meet any certificate coursework 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 the HRS Office of Academic Affairs 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, Latin Honors designations, and University Commencement, except if they also graduate from a degree-seeking program that same semester. Students will receive a mailed completion document in the form of a certificate after the semester of completion.

CERTIFICATE COURSEWORK

Current course offerings are listed below. Coursework can be taken in any order for HIMS 5635, 5650, and 5550, but HIMS 5700 can only be taken after completing all other courses. Course offerings are subject to change.

HIMS 5635 (3) Quality Management and Performance Improvement in Healthcare
Continuous quality management measures and tools, including patient safety and satisfaction, regulatory requirements, benchmarking, causal analysis, outcomes, clinical guidelines and pathways, risk management, and utilization review.
Offered: Autumn

HIMS 5650 (3) Information Technology
In-depth analysis of patient, administrative, and financial information systems and management practices to support systems. Emphasis on government involvement in health information technology and information exchanges.
Offered: Spring

HIMS 5550 (3) Human Factors in Healthcare
Students learn human factors theories and concepts that are used in developing interventions to improve patient safety. Emphasis on formative evaluation methodologies and implementation science theory.
Offered: Spring

HIMS 5700 (3) Health Information Management and Systems Project
Students apply theoretical knowledge acquired from the certificate program to a project that closely resembles what would be done in a realistic work environment. During the project, students apply critical thinking skills to solve a real-world problem, from assessing the problem to applying suitable and appropriate methods to generate one or more solutions to the problem. **Offered: Summer**

The undergraduate program curriculum provides a foundation of user experience and human factors principles and methods that will translate into reduced patient harm and economic risks following unfortunate patient outcomes, particularly in hospital settings. This program can be completed within three 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.