



## PROGRAM OVERVIEW

User experience (UX) design is the process of creating products that provide meaningful and relevant experiences to users. The purpose of the Usability and User Experience in Health Care Certificate program is to cross-train students with healthcare knowledge and experience in User Experience methods. All required courses are offered online.

## APPLICATION REQUIREMENTS

1

### 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.

2

### Online Application

The [application](#) is available online and must be completed and submitted with all required supplemental documents.

## APPLICATION DEADLINES

Applications are accepted for autumn semester each year.

| Term        | U.S. Applicant | International Applicant |
|-------------|----------------|-------------------------|
| Autumn 2021 | 7/15/2021      | 6/15/2021               |

## THE UNDERGRADUATE USABILITY AND USER EXPERIENCE IN HEALTH CARE PROGRAM BEST SUITS:

- Those currently employed in information technology or quality departments in hospitals seeking those positions.
- Second or third year undergraduate students who 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, 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 course work must be distinct from current undergraduate degree coursework.

Prior to the enrollment of the last semester, an application to graduate must be submitted to the HRS Student Services Office to formally receive the certificate at the end of the semester of course completion. Students who successfully complete the undergraduate certificate are not eligible to participate in graduation ceremonies, except if they are also graduating from a degree-seeking program that same semester. All certificate students will be mailed a completion document in the form of a certificate after the semester of completion.



## **REQUIRED COURSEWORK**

For those beginning coursework in Autumn 2021, current course offerings are listed below. The final course requirement, HIMS 5700, must be taken after the completion of the other three 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.

**Term 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.

**Term 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.

**Term Offered: Autumn**

### **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 itself to applying suitable and appropriate methods to generate one or more solutions to the problem.

**Term Offered: Autumn**

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 in a minimum of 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 its 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.

#### **Questions?**

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#### **Tuition**