



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 design methods. All required courses are offered online.

APPLICATION REQUIREMENTS

1 3.0 GPA or higher

2 Applicants must meet one requirement -

1. Eligible for admission to the Graduate School at Ohio State University as evidenced by:
 - A baccalaureate or professional degree (or equivalent foreign credential) from an accredited college or university, earned by the expected date of entry into the certificate program;
 - A minimum of a 3.0 cumulative GPA (on a 4.0 scale) for the last degree earned;
 - For international applicants and those who have held the status of U.S. permanent resident for less than one year from the first day of the first term of enrollment and are not currently an Ohio State graduate student, submission of TOEFL or IELTS scores.
2. Currently enrolled as a degree-seeking student in a graduate program at Ohio State University.

APPLICATION DEADLINES

Applications are accepted for autumn semester each year. The [application](#) is available online and must be completed and submitted with all required supplemental documents.

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

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

- Those currently employed conducting usability studies for medical devices for FDA approval or seeking to do so.
- Those currently employed in information technology or quality departments in hospitals or seeking those positions.
- Those currently employed at Electronic Health Record development or training companies or seeking those positions.
- Graduate students in health and rehabilitation sciences, engineering, business, or nursing.

EMPLOYMENT OPPORTUNITIES

- Usability specialist
- User experience designer
- Human factors engineer
- 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 3.0 cumulative GPA in the graduate certificate program. Due to the nature of the program, transfer or EM credit cannot meet any certificate course requirements. Additionally, fifty percent of the certificate course work must be distinct from current graduate degree coursework. Undergraduate sections of the required coursework cannot be applied to the graduate certificate.

Prior to the enrollment of the last required course, an *Application for Certificate Completion* must be submitted via [GradForms](#) to formally receive the certificate at the end of the semester of course completion. Students who successfully complete the graduate certificate program 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 graduate program curriculum provides a foundation of user experience (UX) 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 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 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