

User Experience Design Certificate of Undergraduate Study Program Guide

Program Information

The User Experience (UX) Design Certificate of Undergraduate Study (UX CUGS) will teach students how to take the complexity and limitations of human information processing into account when designing software. They will gain an appreciation of the cognitive, physical, environmental, and social aspects in design, and understand the impact of cognitive biases. This will be attractive to Psychology students and Computer Science students and to other students who are interested in learning how to improve productivity and effectiveness by designing user interfaces that are both usable and useful. Graduates from this program will be attractive to employers in the software development sector and will have an advantage over peers in applying to graduate programs in Human Factors. The UX CUGS includes four 3-credit required courses.

Admission Requirements

All students are able to participate, but they must have a minimum GPA of 3.0, or obtain faculty permission.

- Prerequisites: None

Program Requirements

The UX CUGS requires completion of a minimum of 12 credits:

Core Courses – 12 s.h.

Course #	Course Name	Notes	Sem/Yr	Grade	Credits
PSY 09400	Introduction to Human Factors				3
PSY 09401	Human Factors Methodology				3
CS 07444	Human Computer Interaction				3
CS 10271 OR CS 10275	Introduction to Android Programming OR Introduction to IOS Application Programming	Student chooses one or the other.			3
				Subtotal: 12 s.h.	

Effective Term/Year: Fall 2025